14th ANNUAL STALLION ISSUE
That's right... in less than 15 months the Larro Program of Larro Calf Builder plus Larro Cattle Supplement can bring your calves along evenly to the proper degree of finish. They're ready for market as choice to prime yearlings. Larro gives baby beeves fast, steady, solid growth right from the start. It supplies the full nutrient balance calves need for proper body development.

Start feeding Larro today... and watch the results pay off in dollars and cents at market.

"Farm-tested" is a registered trademark of General Mills, Inc.

General Mills
Larro
"Farm-tested"

Calf Builder

Detroit (2) • San Francisco (6) • Chicago (4)

Buy at the Bullseye!
Colorado Rainbow Trout are the stock-in-trade of Ford Truck user Horace Frantz who has raised and sold trout for eating and stream-stocking purposes since 1919. He farms as many as 2,000,000 trout at Colorado Springs and Salida. Sales for '48 exceeded 300,000 lbs.

To keep trout healthy, water must be kept charged with fresh oxygen. Frantz cascades it down steps, sprays it from overhead, to keep it fresh.

"Spring water temperature in rearing runways never goes below 50 or above 52 degrees," Horace Frantz (above) says. Hatching period is 4 to 6 weeks; "harvest" in 1½ years.

"One of the big things about Ford Truck engines is their reliability," says Frantz. "That’s mighty important to me, too, because in transporting live trout, a few minutes delay might mean loss of the entire load."

Ford Trucks Last Longer!

Using latest registration data on 5,444,000 trucks, life insurance experts prove Ford trucks last longer!
This "country road" leads straight to the nation's markets

The early American farmer knew every turn of the winding road on which he made the all-day trip to the nearest town—his only market.

Today the farmer's market begins at the nearest railroad loading platform—and extends to profitable markets all over the land.

Last year, for example, the railroads helped move the greatest harvest ever produced in a single year by any nation. They also hauled the bulk of the other raw materials produced by our nation's farms, forests, and mines—as well as most of our manufactured products. And they handled the entire job for an average charge of only 1¼ cents for hauling a ton a mile.

In performing this service, the American railroads once again proved to be the most efficient and economical transportation system in the world. To do an even better and more efficient job in the future, the railroads are now buying cars and engines, reducing grades and curves, improving signals and shops, adding to their facilities—at a cost of a billion dollars a year.

The only way the railroads can carry on such a program for still better service is to have earnings which are more nearly in line with today's costs—earnings which will justify the large investments needed.

* * *

LISTEN TO THE RAILROAD HOUR presenting the world's great musical shows. Every Monday evening over the ABC Network, 8-8:45 Eastern, Mountain, and Pacific Time; 7-7:45 Central Time.

Association of American Railroads
WASHINGTON, D.C.
THE MOST SEVERE STORMS in the Far Western states in many years captured newspaper headlines in the first few weeks of 1949. Undoubtedly, the blizzards and record snowstorms were of tragic significance to a good many owners of livestock. There is a belief among qualified observers that total death losses will not be nearly as great as indicated in hysterical newspaper reports. That there have been heavy death losses in scattered instances is still very serious to those immediately affected.

THERE WILL BE losses in livestock population as a result of the storms. Beyond the actual death losses, there will be troubles in spring calving. Cows weakened by loss of fodder during the storms can hardly be expected to produce a normal calf crop. But the actual meat supply probably will not be reduced because of the storms.

MOST SIGNIFICANT feature of the January storms is the fact that the Far Western states now have the best summer water supply in sight in a good many years. Heavy snow pack in the mountains means water for hay, feed crops and irrigated pasture mixes. In the long run, the additional irrigation water for livestock feeds probably will far more than offset death losses due to storms. More and more, this Western livestock agriculture is becoming dependent upon feeds developed by irrigated farming.

IT WASN'T SO LONG AGO that politicians were crying their eyes out over INFLATION. Now there is a good deal more talk about the evils of DEFLATION. We are finding, after eight years of upward price trends, that prices can also go down. It is difficult to believe there can be much further decline in prices in the face of continued heavy government spending for armament, aid to Europe, public housing, road building, etc. These expenditures run into billions upon billions and should serve to hold wages in line, maintain employment, and put a support under prices.

IT IS IMPORTANT TO POINT OUT that livestock raisers themselves are not complaining too much about the lower trend in livestock prices. The average stockman wants meat to sell at prices within reach of the average consumer. He isn't particularly worried about meat or livestock selling so low as to make livestock raising unprofitable. He knows the supply of meat will be smaller in 1949 than in 1948; and he figures there is sufficient demand and buying power to pretty well maintain prices for a long time to come. He would prefer to see prices on a stable, profitable basis rather than spectacular prices such as prevailed in 1948, because he knows extremely high prices, in the long run, hurt the livestock business.

CATTLE FEEDERS have taken a severe financial beating during the past few weeks, with prices of heavy steers showing most decline. Livestock raisers, other than cattle feeders, continue to be in strong financial position.
Livestock Markets

By PURL R. MANIFOLD

TROUBLES, someone long ago observed, never come singly. That seems to be true in the case of cattlemen who, since January 1, have not only had to contend with some of the roughest weather in history, but a cattle market that has been about as mean as the weather.

Too many cattle and not enough demand to readily absorb it resulted in a dull, lumpy trade in most cattle all through the month of January.

New lows for the season were registered on everything in the list, save bulls and veal calves. In fact, prices on the general run of beef steers, heifers and cows dropped to levels the lowest seen since December, 1946.

Stormy, severe cold weather over much of the livestock producing and feeding country tended to keep cattle rolling to market at a pretty lively rate, except in some of the intermountain country where snow-blocked trails and roads limited the movement.

In the Corn Belt short-term feeders cut loose cattle freely, partly on account of the fact that weather conditions precluded normal weight gains.

At the same time a heavy flow of hogs, following liberal runs through November and December, provided a lot of pork that furnished some active competition for beef in the dressed meat market.

There is a well founded belief in livestock trading circles that heavier pork production is proving a drag on beef. And pork, in turn, is feeling the drag of a heavy yield of lard without a reliable outlet for it.

Lard Headache. Packers freely admit that lard is their biggest headache. Currently the price of lard is only slightly more than half of what it was a year ago. Competition of cheap vegetable oils and lack of an adequate export demand is blamed for this condition.

But lard alone cannot be blamed for all the troubles that beset the market. Heavier hog slaughter in the two final months of 1948 utilized a lot of the available pork and lard storage facilities of the country. As a result, a smaller percentage of the January kill...
• At one time water was a problem for A. V. King, who comments, "Year before last my alfalfa fields burned for lack of water and I had to buy 720 tons of hay to see us through the year."

Following this crop loss, a "Caterpillar" D13000 Diesel Engine and a Pomona 14" pump were installed to lift water 80 feet and deliver 4700 GPM.

"I farm 520 acres and 360 acres of this can be irrigated," states Owner King. "Last year I increased the dairy stock by 30 percent, and with the D13000, had plenty of water to raise all the alfalfa needed. If I couldn't get another 'Caterpillar,' I wouldn't take a million dollars for this engine."

"Caterpillar" Diesel Engines are available in six sizes—ranging from 52 to 200 horsepower (maximum outputs). Your nearby "Caterpillar" Dealer has complete details on these "Caterpillar" Diesels—talk to him about the installation that can help you increase ranch profits.

Prices of standard enclosed clutch power units from $1727.50 to $7533.00. All prices F.O.B. Peoria, Ill. and subject to change without notice.

Caterpillar Tractor Co., San Leandro, Calif.; Peoria, Ill.

Caterpillar
Diesel Engines • Tractors • Motor Graders
Earth Moving Equipment
Sold to Swift for

Because your business of farming and ranching is so closely related to our business of meat packing, we believe you are interested in an accounting of Swift & Company’s operations in 1948. On this page we tell you how much money we received, how we spent this money, and how much we earned for services performed.

The past year was reasonably profitable to both producers and Swift & Company. That’s the way it should be in America. A fair profit to producers means better living and insures a sound program on farms and ranches. A fair profit to business in cities and towns helps maintain purchasing power and markets for the products which you and Swift have to sell.

In 1948, Swift & Company paid nearly two billion dollars for agricultural products. We processed and distributed nationwide this output of your land and labor . . . cattle, calves, hogs, lambs, dairy and poultry products, soybeans, cottonseed, peanuts and other products of agriculture. For these we paid out 79.8 cents from each dollar we received from the sale of our products.

Management’s Role in Modern Farming

by O. R. Johnson, University of Missouri, Columbia

Better farm management can give startling results. If managed as well as the best 20% of the farms are managed, output of the average acre could be doubled. In most areas the output of pasture land could be increased three or four times. Our cleverest feeders get 60% more out of their feed than do average feeders. Production per cow, sow or hen could be increased 50% to 100% if animals and methods as good as those used by the top 20% of our farmers were employed by all farmers.

There are two ways of achieving higher production per acre without increasing costs. The most practical method is to raise the level of management efficiency without increasing present working forces per farm. The other method is for the farm family, with modern power and machinery, to farm more acres. This second method has obvious limitations. For there would not be enough acres to go around without eliminating many farm families. Do we want larger farm units and reduced farm population? Many think not.

However, many farmers are now faced with adopting either one or the other of the above methods. Farmers must meet today’s high operating costs and still maintain living standards without forcing prices beyond the reach of the average consumer. Consumers cannot be expected to support, indefinitely, inefficient farm output by paying the high prices such inefficiency demands.

Swift & Company

UNION STOCK YARDS, CHICAGO 9, ILLINOIS

Nutrition is our business—and yours
HOW THE DOLLAR WAS DIVIDED

In America a business is operated to serve the public, and to earn a profit for its owners. In 1948, Swift earned $27,889,210 net profit. That was an average of 1.2 cents out of each dollar we received from the sale of our products. Who got the balance of 98.8 cents? It went to people who work directly in the livestock-meat industry, to additional thousands in other businesses.

1. The major cost of meat packing is the purchase of livestock and other agricultural products. Swift paid $1,883,823,473 to farmers and ranchers last year. You, the producers, received 79.8 cents out of each average dollar we took in from sales.

2. Swift & Company employs 73,000 men and women to provide the services producers, retailers and consumers demand. The employees look to their company for regular, gainful employment. They earned $226,154,019 in wages and salaries in 1948 . . . or 9.6 cents of each average sales dollar.

3. Supplies of all kinds—sugar, salt, spices, containers, fuel, electricity cost us $94,809,928. These supplies are furnished by other businesses. Our purchases from them created work and wages for many more Americans. This took 4 cents of our average sales dollar.

4. Transportation charges are a necessary item of expense, and a large one, too. Meats are moved an average of 1,000 miles from farm and ranch to market. During 1948, in distributing our products to cities, towns and villages, Swift & Company spent $46,702,457 for transportation by rail and motor. This amounted to 2.0 cents of each average dollar of sales income.

5. Government expenses—fire and police protection, national defense, roads, social security, public education, etc.—are all paid out of taxes. Swift’s tax bill for the year was $35,220,291. The Federal Government and each of the 48 states collected some of this amount. And taxes were paid in hundreds of municipalities where our plants and properties are located. Federal, state, and local taxes took 1.5 cents of our average sales dollar.

6. More than 200,000 retail store operators look to Swift for a regular supply of meats and other Swift products. We help build retailers’ trade by developing nationwide consumer markets. Our research laboratories and test kitchens also help create consumer demand. Depreciation, interest and other expenses common to every business, add to this total. All these cost $46,514,663 or 1.9 cents of the average dollar of sales.

That’s the story of the division of Swift’s average dollar received from sales. Of that dollar, 98.8 cents went to other people or businesses. The 1.2 cents left is our return for processing, marketing and distributing meats and other products for millions of American families. Out of this return—or net earnings—our 64,000 shareholders, men and women who invested their savings in the Company, received dividends which took 7/10 of a cent of the average sales dollar. The balance of 1/2 cent was retained to provide for future needs of the Company.

Vice President and Treasurer
Swift & Company
Your Farmall Cub is "HARNESSSED" FOR WORK

At the drop of a drawbar pin, your Farmall Cub tractor is ready to pull the hay wagon and loader over the field you've just raked.

In minutes you can attach any of its 16 matched, quick-change, direct-connected implements. The all-purpose Farmall Cub is a row-crop cultivating tractor, a planting, a plowing or a tillage tractor, as you decide.

Consider the Farmall Cub able to handle any Farmall tractor's wide range of jobs. The Farmall Cub is scaled down for all-job, small-acreage duty—or profitable large-farm utility. It has the power to replace 2 or 3 horses or mules, and the speed to "work circles" around them on the lighter jobs.

With Farmall Touch-Control, the Farmall Cub equips you for fingertip farming. See your IH dealer for details now, during Farmall Cub Month, about this all-season help-saver.

Listen to James Melton on "Harvest of Stars" every Wednesday evening over CBS.


Prices Lowest Since 1946. Rank and file of slaughter cattle at the close of January were at the lowest level since December of 1946. Chicago was still drawing a few choice to prime steers and yearlings suitable to sell near the low end of the $30 column but otherwise there was little beef in the rough costing more than $26 to $27 and the greater part of the steer crop was going to slaughter at $20 to $25 cwt.

Los Angeles drew a lot of steers...
IT'S LUCKY when you live in the West

LUCKY LAGER the age-dated beer
Now! CONTROL GRUBS
(WOLVES, WARBBLES)
llice, ticks and mites
THIS EASY WAY!

Proved Superior To Previously Recommended Control Methods

3rd SUCCESSFUL YEAR!

Better Results! LESS WORK! NO DANGER!
Rotenox kills cold-blooded insects with amazing paralytic action, yet is NON-TOXIC to warm-blooded humans and livestock. Easier to mix! Easier to apply! Does not require high pressure application. Won't scald or blister. Won't stain or gum hair. Can't harm livestock!

Accept This "FREE TRIAL OFFER"
Used by veterinarians since 1941, Rotenox has demonstrated its effectiveness to the complete satisfaction of thousands of the nation's leading livestock producers. To demonstrate its superiority to you, we invite you to try Rotenox at our risk. Mail coupon below for "Free Trial Offer" and valuable 32-page "Stock Pest Control Manual." No Cost! No Obligation!

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STOCK-PEST CONTROL MANUAL

32-PAGE STOCK-PEST MANUAL

THE FARNAM COMPANY
Dept. 706
OMAHA 3, NEBRASKA

Please send details of "Free Trial Offer" on Rotenox and 'stock Pest Control Manual' FREE.

Name
Address
City State

"Why don't you look into things before you throw them out!"

“Spreading the Meat Supply”

There was a day when families preserved their own meat—by smoking hams and bacon, by salting, pickling, and drying, and by canning. Today these services are performed by Armour and Company and other meat packers, to the advantage of both farmers and consumers.

Through large-scale operations we are able to produce sausage, hams, bacon, and other cured and canned meats very economically. Furthermore, consumers like to buy small amounts of a wide variety of meats. It would be difficult to process such small amounts in the home.

Consumers want meat every day of the year. But farmers produce and ship livestock to market in “seasonal” patterns, with heaviest marketings in the fall and winter. We process some cuts into canned and cured products that gain widest distribution during the spring and summer months.

By giving consumers a steady supply of quality meat products throughout the year we help level the peaks and valleys of supply, and enlarge the market for farm livestock.
WHENEVER farmers gather to talk shop, you can bet your bottom dollar some enthusiastic "evangelist" will start "singing the praises" of John Deere Combines. And it's no wonder. Just as naturally as night follows day, owners of John Deere Combines quickly become their best salesmen.

Bigger capacity in cutting, threshing, separating, and cleaning units, plus strength and plenty of it, are the big reasons why John Deere Combines are such outstanding performers—why they consistently lead in harvesting more acres every day and in saving more bushels per acre.

Leader of the Self-Propelleds

The No. 55 twelve-foot combine has established itself as the true leader of the self-propelleds. Unusual comfort and ease of operation from the high, roomy, operator's platform . . . selective ground speed control, which permits combining at any speed from a mere crawl on up . . . engine and grain tank on top of the combine, which gives you an equalized load on the wheels for best traction and stability, easier steering and more even cutting . . . double-ram hydraulic platform control—these are but a few of the extra-value features of the No. 55.

Wherever rugged strength and big, daily capacity are the first requirements of a combine, the No. 36 Hillside Combine with 16-1/2- or 20-foot header is your best bet. This famous leader of the "huskies" has been faithfully serving large acreage grain growers in the Pacific Northwest for three generations.

No. 12-A for Smaller Farms

Small acreage farmers look to the No. 12-A for complete satisfaction in every combineable crop. Cutting a six-foot swath, this full-width, straight-through combine is the practical, general-purpose outfit for straight or windrow harvesting.

See your John Deere dealer for complete information on these money-making combines or write today for free folders.

JOHN DEERE
Moline • Illinois
a bicycle built for two

Grandpop will tell you it took cooperation to make a bicycle-built-for-two work best. He'll tell you, too, that the same goes for using telephone party lines...service is smoothest when all users cooperate and use the easy pointers below.

party-line pointers

Space your calls instead of making a whole series of them.

If your party-line neighbor asks you for the line to make an emergency call, it's thoughtful to hang up...and call back later.

If you are calling from a dial telephone, always make certain the line is clear before you dial.

When the children use the telephone, ask them to be considerate, too.

Replace the receiver properly when you finish your call.

The Pacific Telephone and Telegraph Company

WINS A FREE TRIP—Theodore A. Folk, Amber, Wash., above, won a free trip to Chicago to attend the International Livestock Exposition and a market study program sponsored by Swift & Co., as award for the Swift College Essay Contest of 1948. Folk is a junior student at the State College of Washington in the Animal Husbandry Department.

during the month in line with killing stock, the decline was less abrupt and towards the close of the period demand for light and medium weight stockers showed a definite tendency to broaden.

Rains and snows hold promise of good grass a little later on, once the weather turns warmer, and this encouraged freer bidding on replacement stock. The sloppy condition of the fat cattle trade, however, precluded much interest in the fleshier sorts of feeder steers.

Quite a few stockers were selling around $20 to $22.25 near the close of the month and some heifers were drifting countryward at $18 to $19, while young, growthy stock cows brought $15.50 to $16.50 or slightly above.

Hogs Hold Up Well. Hog prices held up relatively well during the first month of the new year. Receipts were liberal as the Corn Belt continued to market its porcine droves quite freely but heavy snowstorms and blocked transportation perhaps kept receipts somewhat lighter than might otherwise have been the case.

A good many hogs from the Midwest are moving to the West Coast for slaughter. These Eastern butchers are maintaining about a $1.50 to $2 margin over Missouri river prices.

Near the close of the month good to choice Eastern butcher hogs, 200 to 250 lb., were bringing $23.25 to $23.50 at Los Angeles against a range of $24 to $24.50 a month earlier. These prices were around 1c per pound higher than rates on good local grain-fed, which were ranging from $22 to $22.50.

Weighty hogs continued under more or less pressure as a result of the
Carl Adix is friendly to the soil

"Give to the soil the best that you have, and the best will come back to you," is the creed on the Carl Adix farm near Alden, Minnesota. "We put manure on our land to produce more crops to feed more livestock to get more manure." That is the basis of Carl's success.

A staunch believer that all farmers should increase the productivity of their land each year—Carl practices what he preaches. He takes great pride in his rich 440 acre farm in Freeborn County—for it has not always been that way.

"The manure spreader is the most valuable piece of machinery on the farm," says Adix, "and we haul manure almost every day—otherwise a lot of its value is lost. We cover about 100 acres each year." That calls for an extensive livestock program and Carl has just that. He raises and sells over 360 hogs a year and feeds approximately 70 head of cattle. All of his feeding is done on concrete. He also has a large flock of ewes and a high producing herd of dairy cows.

While manure and commercial fertilizer help to maintain and increase yields, grass-legume combinations and a sound crop rotation also play a major role. Adix who farms his land in partnership with his two sons, harvested 8080 bushels of Clinton oats from 114 acres last year. His 140 acres of corn made over 100 bushels to the acre.

"When we market our crops through livestock, most of the plant food is returned to the soil as manure," says Adix. Manure is not a by-product on this farm—it is a major product and a large part of the word 'production.'
Birdsfoot Trefoil is becoming increasingly popular for permanent irrigated pastures—because...

1. No known cases of bloat.
2. Withstands more drought than Ladino Clover.
3. Withstands extensive flooding.
4. Tolerant of alkali soil.
5. Heavy feed producer.
6. High protein content.
7. Highly palatable to all classes of livestock.

The narrowleaf Birdsfoot Trefoil has proved to be the most adaptable type in California.

FOR MAXIMUM FUTURE PROFITS THE PERMANENT PASTURE WAY—ASK YOUR DEALER TO SUPPLY YOU WITH FERRY-MORSE SEED.

Ferry-Morse seed co.
SAN FRANCISCO 24, CALIF. • LOS ANGELES 1, CALIF.
Complete Blackleg Protection!

Immunize against both Blackleg and Malignant Edema with one dose of the Famous FRANKLIN Combination,

CLOSTRIDIUM CHAUVEI-SEPTICUS BACTERIN

Seven years ago Franklin research showed this combination product to be the answer to complete Blackleg protection. From that time on we have been selling a rapidly increasing volume of it until today it is widely recognized with many localities using it almost exclusively.

Remember you get a full dose for Blackleg combined with a full dose for Malignant Edema—double protection at the price of one.

Let the Basis of Your Abortion Control Program Be

FRANKLIN BRUCELLA ABORTUS VACCINE

made from Strain 19—unsurpassed for purity and potency.

Don't fail to have the new, complete Franklin Catalog at hand

O. M. FRANKLIN SERUM COMPANY

Local Drug Store Dealers.

FRANKLIN Offers Everything Needed for Early Calving!

OBSTETRICAL CHAIN AND HOOK
FRANKLIN UTERINE CAPSULES
Complete Line of
VACCINATING AND DEHORNING SUPPLIES
FRANKLIN DEHORNING PASTE
TUBE CALF DEHORNERS
FRANKLIN BLOOD STOPPER
BARNES DEHORNERS
SPOON DEHORNERS
FRANKLIN VITAMINS FOR CALVES
FRANKLIN Calf Powder
FRANKLIN UDDER-EZE
FRANKLIN C-L SOLUTION
And Dozens of other Proven Items shown in Free Franklin Catalog.

FRANKLIN VACCINES
America's Leading Brand of Livestock Biologies and Supplies
When I turned into a corral columnist about a year ago, I did it because you cattle folks had more appetite for information on range problems than I could handle with personal visits. Since many of you had the same problems, how to make one "call" do for all the repeats was my problem.

I traded ideas with our pencil polishers in Berkeley and we came up with this 'column' and another brainstorm called the Cutter Animal Health Service. You've told me you get an idea now and then from the column, and naturally I like that, but I've had my doubts about the other gimmick. I wasn't sure whether enough ranchers would be interested in a complete animal health reference service to make it worth putting out. But, we went ahead anyway and announced it—last November. Already, over 1500 western cattlemen have signed up for the service.!!

Now, I've always promised that I'd make this column helpful and keep out the high-pressure—and I can keep both promises by reminding you to write me and enroll for this new Animal Health Service.

In case you haven't heard, we start the service by sending you a handy pocket folder that you can keep and refer to a dozen times a year. These starters, you'll receive a complete animal health reference objective in USDA, on Capitol Hill and at the White House.

It's a two-party goal, backed by both Democrats and Republicans whose disagreements are generally on methods rather than the end itself. Ironically, the chief advocate in recent years of a "livestock economy" has been H. E. Babcock of New York, a Dewey supporter. Babcock envisions an "ever-normal refrigerator" in every home, loaded with meats, milk and eggs—especially with meats.

Although Babcock now won't have much to say about how that Utopian state is to be reached, the Truman Administration is working toward the same end. The ways and means will be many and varied. At present, Democratic leaders are concentrating on three main fronts:

(1) Big and constant "stockpiles" of feed grains. Present plans call for carry-overs at much higher levels than those considered "normal" in the past.

(2) Increased attention to expansion and improvement of rangeland, and more and better pasture. A revival of efforts to develop the great

Fred Bailey

N O. 1 FARM OBJECTIVE of the present administration is increased production of livestock and livestock products at stabilized prices.

Beyond the present bickering over government price support levels, and the clouds of minor agricultural bills obscuring the congressional atmosphere, that goal still stands as a beacon for farm leaders in the nation's capital. There's general agreement on the objective in USDA, on Capitol Hill and at the White House.

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(2) Increased attention to expansion and improvement of rangeland, and more and better pasture. A revival of efforts to develop the great

Fred Bailey
...not interested!

Anywhere... anytime! Through snow or mud... over soft sand or spongy muck... along steep hillsides or up sharp pitches! Bad weather or poor field conditions won't keep you from working... steadily. That's why an Oliver "Cletrac" pays off on all farm jobs... right around the calendar.

One thing more, Oliver "Cletrac" tractors are engineered and built especially for the diversified farm... for the orchard, grove and vineyard. The 2-plow model "HG," for example, is available in four tread widths to suit your cropping practices. Bigger Oliver "Cletrac" farm crawlers include models "A" and "B," with a choice of gasoline or Diesel engines ranging from 30 to 38 horsepower on the drawbar.

See your Oliver dealer and learn how you can profit from all-weather, all-purpose Oliver "Cletrac" farm power.

The OLIVER Corporation
400 West Madison Street, Chicago 6, Illinois

OLIVER
"FINEST IN FARM MACHINERY"
Livestock experts in USDA are still working on their blueprint for a livestock price support program aimed at production increases and stabilized prices.

As the planners see it now, USDA would announce in advance of breeding time the level at which animal prices would be supported.

Actual support action, if needed to bring farm prices up to the support level, would be taken at marketing time. The difference, as the experts see it, could be made up by direct government buying to raise the market price, and/or direct payments to producers.

The experts are inclined to think a combination of the two methods would be effective. But they admit that there probably will be serious objections on Capitol Hill to any plan which involves direct subsidy payments to producers.

A FORMER AGRICULTURE Secretary Clinton Anderson, the new senator from New Mexico, and Sen. Scott Lucas of Illinois, are the men to watch on Capitol Hill for the tip-off on administration farm thinking.

Truman and Brannan will lean more heavily upon them than on the chairman of the Senate Agriculture Committee, Sen. Elmer Thomas of Oklahoma. Thomas does not have strong lines into the White House and the USDA.

Rep. Harold Cooley of North Carolina, new chairman of the House Agriculture Committee, will have some administration influence. Rep. Clifford Hope, Kansas Republican, will continue to carry some weight despite his party affiliation.

Interest in agricultural affairs on the House side probably will be Rep. Sam Rayburn of Texas. Though not a member of the agriculture committee, his job as Speaker of the House puts him in a strategic position to guide agriculture policies.

Washington insiders are not so sure now that the nation is in for more inflation—are beginning river basins, with increasing emphasis on conservation and irrigation.

A special price support program for the nation's livestock.

Pump Handle Pete

Broke My Resolution Already

Don't know why Maw makes me resolve to give up eatin' 'tobaccy each New Year. She knows dang well I ain't gonna stick to it. Fact is... the only resolution I ever did keep was years ago when I resolved to git myself a Jensen Pump Jack.

Since then, I ain't had a single water worry. My Jensen supplies me with all the water I need—year in and year out—with mighty little maintenance and power costs.

Get the facts and figures from your Jensen dealer, or write to Coffeyville for free literature. If you'd like to buy from your local supplier send his name and address. But before you start a revolution, make a resolution to learn about Jensens. Write today.

Jensen
BROTHERS MFG. CO.
COFFEYVILLE, KANSAS, U.S.A.
EXPORT OFFICE, 50 Church St.
New York City

Remember to say you saw it in Western Livestock Journal

ONLY HEALTHY ANIMALS MAKE MONEY FOR YOU!

The right calcium-phosphorus ratio is vital to reproduction, milkflow, hooves, teeth, and vigorous growth. Make sure by using only feeds with Spent Bone Black. Completely acceptable to stock—cannot become rancid.

Spent Bone Black
Guaranteed 30% Calcium • 15% Phosphorus
A. M. Blumer
465 California Street • San Francisco 4
SULMET*
SULFAMETHAZINE Lederle

Your most Effective Ally against Pneumonia

What is your loss in dead animals and stunted calves from pneumonia?
Prompt and proper use of SULMET Sulfamethazine will save you MONEY!
This wonder-working sulfa
—is the ONLY sulfa available that is an effective once-a-day treatment.
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SULMET Sulfamethazine's range of effectiveness is the equal or superior of any
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THE CAMPAIGN AGAINST foot-and-mouth disease in Mexico will continue on a nonparty basis despite the change of control in Congress.

Democrats on the Senate agriculture committee made that point clear with the recent appointment of a Republican to head a subcommittee on foot-and-mouth disease. He is Sen. Ed Thye, Minnesota dirt farmer.

Other members of the watchdog committee include Sens. Clyde Hoey of North Carolina, Spessard Holland of Florida, Guy Gillette of Iowa, all Democrats, and Republican Milton Young of North Dakota.

The campaign against foot-and-mouth disease in Mexico is "progressing as well as could be expected in view of the wide scope and untried methods involved in the undertaking." That is the conclusion of a Senate committee appointed last year to investigate progress of the campaign in Mexico.

Prompt appropriation of up to $30 million was recommended by the committee for construction of a big research laboratory in this country for study of foot-and-mouth and other animal diseases. The Senate committee, headed by Kenneth Wherry of Nebraska, continues to duck the controversial question of where the laboratory should be located. Prudence Island off the coast of Rhode Island is still under consideration.

The Senators observe that they are advised by experts that "there would be absolutely no danger of the disease infecting outside livestock," despite the fact that it "is the most contagious animal disease known." The Senate investigators, who visited Mexico, make these further obser-
DID THIS UNVACCINATED CALF DIE OF BLACKLEG OR MALIGNANT EDEMA?

This calf, as far as outward appearances go, could have died of either Blackleg or Malignant Edema. Symptoms are virtually identical. Blackleg and Malignant Edema are caused by closely related organisms, so it's practically impossible, without bacteriological examination, to tell which disease is causing losses. Further, recent investigations prove that Malignant Edema is more widespread than formerly thought... that it now occurs in many areas formerly free of this infection.

Cutter's answer to this problem is: Blacklegol "S",* a fortified vaccine that builds peak immunity to both Blackleg and Malignant Edema in one 5 cc shot.

BLACKLEGOL "S" builds the same lifetime protection against Blackleg as famous Cutter Blacklegol—the vaccine, which since its introduction in 1934, has been the standard for measuring Blackleg immunity. And, at the same time, this single shot vaccine builds protective immunity to Malignant Edema.

The surest way of preventing Blackleg and Malignant Edema is to vaccinate with Blacklegol "S"—and the cost of protection against both diseases is only one half cent more per dose than that from the "single" vaccine. Order now for your spring vaccinating program. Your supplier of veterinary vaccines has it in stock.

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Please send me without obligation, your PASTURE BOOK giving complete information on pasture grasses and their use.

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NATIONS ASK AMERICA

For Veterinary Help

America has become the new world hub of animal disease research, officials of the American Veterinary Medical Assn. reported at Chicago, Ill., recently.

Nations once looked to veterinary scientists of continental Europe for aid in combating plagues that destroy meat and dairy animals. But European setbacks in two world wars coupled with America's spectacular development of veterinary research facilities have now shifted the center of animal disease control to this country.

As the result, other nations are calling on this country more and more for assistance—requests from occupied countries for rebuilding livestock populations, from Mexico for fighting foot-and-mouth disease, and from China for curbing rinderpest were cited as examples by the AVMA.

Factors said to have spurred this move to animal health leadership were: intensive study of all types of foreign animal diseases; pioneering research in atomic effects on food-producing animals; far-flung military operations; and higher American standards of veterinary education.

WESTERN LIVESTOCK JOURNAL
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—Elmer Fletcher, Marshall County, Ind.

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—developed and proved on the world's largest mineral experiment farm
MOORMAN MFG. CO., Dept. H-2, QUINCY, ILL.
By RAYMOND HUSTED

FOR many years, I lived in the mountain country of Colorado and saw lots of bad winter storms, but this last blizzard that struck Nevada, Utah, Wyoming and Nebraska right after the first of the year was about the worst in its effects I have ever seen. Doubtless there have been storms when more snow fell and covered the country generally, but the continuance of snow, wind and sub-zero temperatures made this one about the most severe the livestock men in this area have ever had to face, and with the recurring snows and extremely cold weather which have continued up to this time, the real effect on livestock losses probably won't be known until spring.

I have always thought the cowmen I have known throughout the years are a bunch of good sports. They may yell a lot about prices, federal controls, and bureaucratic restrictions, but when it comes to a bad season of drought or the effects of storm such as has just hit the range country, there aren't many of them who cry too much about it. As a rule they meet the situation with all the inherent bravery and ingenuity that their life in the open seems to engender in them. This belief has been strengthened by the many talks I have had recently with livestock men I met at North Platte, Neb., and at the Denver stock show, who nearly all were directly or indirectly affected by the unusually tough storm. It makes one feel good to be more or less connected with an industry that includes this sort of folks.

I LANDED in North Platte, Nebr., for the American National Livestock Association's convention just after the worst of the first part of the storm was over. The snow was piled up on the ranches around there so that owners couldn't get from their buildings to the highways, and that necessarily affected the attendance at the convention. I ran into Fred McClymont, who has been breeding Herefords around North Platte for more years than he and I wish to acknowledge. He made it into town, alright, but had to go out and bring in another old-timer, Scott McCrone, who couldn't get his car out to the gate on the highway. Henry Hansen was also about snowbound, but got to town for the convention.

Orvil Kuhlmann, the well-known
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We had farm and ranch needs in mind when we designed these Willys-Overland vehicles. We made them useful... practical... economical to operate and maintain. We gave them high clearance... short turning radius... sensible fenders... good road vision. See them today, at the Willys-Overland dealer near you.

Jeep Station Wagon

We believe the 'Jeep' Station Wagon is the most useful car ever made for a rural family. It is a smooth-riding, good-looking passenger car with ample room for 6 adults in its all-steel body, together with large parcel space. It is practical for hauling jobs, too, for seats can be removed to provide 98 cubic feet of load space. Seats and floor are washable. It's easy handling, level-riding on country roads—and, with the 'Jeep' Engine and overdrive, a money-saver on gas. See this dual-purpose car now.

Jeep Trucks

Willys-Overland builds two lines of pick-up and platform-stake trucks that give long, dependable service and low costs:

The 2-wheel-drive 'Jeep' Truck (4700-5300 lbs. GVW) is designed to keep operating and upkeep expense at rock-bottom for service under normal conditions.

The 4-wheel-drive 'Jeep' Truck (5300 lbs. GVW) is a rugged tonner with the extra traction you need for off-road hauling, for tough grades, for getting through snow, sand and mud.

Universal 'Jeep'

The 4-wheel-drive Universal 'Jeep' is a modern tractor that operates both pull-type and hydraulic-lift implements—plows, harrows, discs, weed sprayers, power mowers, etc. But, with a speed range from 2 mph in the field to highway speeds, the 'Jeep' also serves the year 'round as a general-purpose vehicle for hauling, towing and cross-country travel. Your Willys-Overland dealer will gladly demonstrate this handiest of farm vehicles.

YOUR SCRAP IRON is needed to make steel for implements, vehicles and other things you need. Sell it to a scrap dealer now.
CALIFORNIANS AT NORTH PLATTE—Among the delegates from California to the American National Livestock Assn. Annual Convention at North Platte, Nebr., last month were (left to right) Jake Schneider, Sloughhouse; Robert O. Johnson, Sanger; John Guthrie, Porterville; Clyde W. Johnson, Fresno; Loren C. Bamer, Lone. Photo by Rad Hall

Polled Hereford breeder, who lives about four miles out from North Platte on the old Buffalo Bill Cody ranch, finally blew into town for the last day of the convention. Orvil said his corrals all snowed up so the cattle walked out over the fences, and he had to find another place to feed them. He depends upon a drainage ditch for stock water, and this filled up and froze, so he had to develop some other water supply, all of which took some doing during the storm. None of the Nebraska stockmen I saw at North Platte had much to say about losses, but thought they wouldn’t be too bad. It’s a great native hay country along the Platte River in Nebraska, and the boys are usually well fixed for feed. I thought they were pretty cheerful about it, at that, with those 15-foot snowdrifts to fight.

THE California delegation at the North Platte convention kept things moving—Wilbur Dennis, Ralph Wardlaw, John Guthrie, and their wives, from the Ducor-Porterville district; Bob Johnson and his Dad, from Sanger (they engaged in many arguments as to whether Bob was looking after his Dad or his Dad was looking after Bob—I’d bet on his Dad). All were plenty active in entertaining their many friends. The ladies of the group sure did a swell job putting on parties in a room they wangled at the Pawnee Hotel (the convention headquarters), and “705” was a popular meeting place around 4:30 in the afternoon.

Every day the ladies went out and brought in what they called “smorgasbord”—and they were kept plenty busy keeping up to the demand. Fred Dresler and his wife, from Gardnerville, Nev., were also active in assisting in this entertainment, and Loren Bamer, of Lone, aided when he could, though his many duties as vice president of the association kept him pretty busy. I reckon the California ladies were responsible for a number of cases of indigestion (maybe hangovers?) during the busy days of the convention, but it was worth it.

THE National Western Stock Show at Denver was one of the best in its history, though the attendance was

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Several outstanding herd bull prospects now developing for fall trade. Backed by such bulls as Advance A. Domino, Advance Domino 140th, Battle Spartan 16th. You'll like 'em.

DAYTON, WYO... MRS. J. C. MORRILL, Owner
R. E. "Smokey" LEONE, Manager

ALSO BREEDERS OF REGISTERED ARABIAN HORSES

necessarily curtailed by the storm. Good quality in livestock is always synonymous with this show, and this year was no exception. The galleries that followed the judging were large, and the interest was just as keen as when Mother Nature had smiled more than she did this season. Our old friend, Joe Winkler from Castle Rock, Colo., has been a perennial exhibitor of his good Short-horns since the early days of the National Western, landed the championship on his load of feeder calves, and broke all the records with his 77 cent price. All his friends were glad to see Joe win and his cattle were plenty good.

There weren't too many California folks at Denver for the show, though the delegates that were at the American National Convention at North
Any way you look at it your ranch profit picture brightens with the Model C tractor at work.

Here is versatile, quick-moving, low-cost power for the great majority of farm jobs. Its own line of matched, quick-hitch, hydraulic control implements enables you to release heavier tractors from unprofitable loads. Release man hours from time-consuming service, too . . . only two grease fittings to check on the C.

You'll bring new operating profit into view with this full size, fully equipped tractor giving you more horsepower per dollar.

See the C at your Allis-Chalmers dealer's. He's the man who can brighten your ranch machinery picture and keep it bright!

**HIGHLIGHT ON THE ECONOMY SCENE...THE MODEL B**

B's make ranches hum, where mowing, raking, hauling, livestock and row-crop work is heavy. Quick-governed, capable power on the belt, power take-off and hydraulic lift, as well as with its own complete line of front-mounted implements. Shown here operating the New Allis-Chalmers Side Delivery Rake with power drive, 2 reel speeds, positive steering.
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There is hardly anything in the world that some man cannot make a little worse and sell a little cheaper, and the people who consider price alone are this man's lawful prey.—Ruskin.

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Parasite infested livestock, when completely saturated with the right chemicals by the Spray-Dip method, are rid of profit stealing external parasites (lice and ticks) in one application. Run-off solution, wasted by other methods, is recovered, filtered, and re-used by the SPRAY-DIP... one of the many features that make the Spray-Dip outstanding for speed, efficiency, economy.

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Free Catalog, specifications, operating procedure and name of nearest dealer furnished upon request. Inquire about a FREE demonstration in your area.

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stock show, I thought I would be foxy and dodge all the cold weather and snow, so drove down 85 highway to Hatch, N. M., and stayed all night at Lordsburg. All right so far, but the next day over in Arizona, getting from Willcox to Benson, we ran into a snowstorm—blizzard, I'd call it—that was a dandy. I have fought the Wyoming and Montana snows when they were plenty tough, but I never really expected to encounter one like that we hit in southern Arizona. There is a dandy new road through the Dragoon Mountains, but the extremely wet snow cut down visibility so that it made driving plenty bad. However, everybody got through.

When we reached Tucson a few hours behind schedule there was snow all over the lawns in town, and the Santa Catalina Mountains north of Tucson were solid white down to the desert; I have never seen that before. All the Arizona mountains in sight were snowcapped, and mostly covered down to the plains. It looks like a good deal of moisture for Arizona for the coming season.

Next day, going from Blythe to Indio, every mountain we saw on either side of the highway was solid white, and when we went over Shaver's Summit and down to Indio there were pretty good sized banks of snow in the cuts alongside the highway—all this was something new in my experience. We have been kicking a lot about lack of moisture out this way, but it looks now as though there might be some pretty good water storage in the mountain reservoirs of Arizona and California.
Scholarships—

Grand Nat'l Juniors Will Receive $8,800

SCHOLARSHIPS totalling $8,800, topped by the $8,000 Standard of California Sweepstakes Scholarships Awards, have been posted for competition among exhibitors at this year's Grand National Junior Livestock Exposition, it has been announced by Porter Sesnon, chairman. The Junior Grand National, which is expected to attract more than 1,200 FFA and 4-H Club boys and girls and 3,000 head of livestock from all over the West, will be held in the San Francisco Cow Palace, April 9 to 14. Scholarships, in addition to the Standard Oil awards, include Bank of America, $400; Safeway Stores, Inc., $200; and South San Francisco and Stockton Union Stockyards, $200.

Divided Equally. In each instance the scholarships funds are allocated equally to Future Farmers and 4-H Club members. The Standard Oil Co. scholarships comprise:

- FFA—One $2,000 4-year scholarship
- 4-H Club—One $2,000 4-year scholarship and two $1,000 2-year scholarships.

The scholarships may be used at any recognized college or university. Applicants must be either seniors in high school, or not have graduated earlier than in 1948. Recipients must enroll at a college or university for the fall semester of 1949 unless serving in the armed services in which event the amount of the scholarship will be deposited to the credit of the recipient with the institution selected.

FARM SERVICE NEWS
Published by Standard of California

ASPHALTIC COATINGS KEEP PAPER ROOFING
IN SERVICE FOR MORE THAN TWENTY YEARS

About this time of year we sometimes think our name is "mud." We start into the house and somebody yells, "Hey, mud... don't track it in!" And every time we get into the car, in comes mud with us. A friend gave us an idea for the car problem. Put an extra piece of rubber mat on the floor on the driver's side. Then, to clean, just remove the extra mat and sweep or hose off the accumulated dirt. Saves time and work.

To keep from tracking too much mud into the house, try using an old implement wheel with a wide flat tread for a "foot scraper." Hold it in place with the old axle or a piece of pipe driven into the ground through the hub.

Do you use a gasoline lantern these dark winter nights? If you have any gasoline pressure appliances, try burning Standard's Blazo Fuel in them. It's water-white... made especially for the purpose. Keeps jets clear and gives more light and heat.

SHOP NOTE: For hard-to-turn screws, a nut welded on a screwdriver makes it easy to use a wrench to turn the screwdriver.

HOW TO CUT REPAIR COSTS ON YOUR DIESEL ENGINES

Repair costs are easily reduced by using only RPM DELO Diesel Engine Lubricating Oil in all Diesels.

RPM DELO Oil loosens wear-causing lacquer and carbon and keeps them dispersed so they flow out with drainings. It also resists the formation of carbon, lubricates hot spots and will not corrode bearings.

By keeping engines clean and lubricated, RPM DELO Oil has cut overhauls on Diesel tractor engines as much as 50% for farmers and other operators.

Sickle Blade Makes Handy Paint Scraper

Here’s a scraper you’ll find works well for removing old compound from around roof flashings.
EQUIP YOUR TRACTOR WITH

Firestone CHAMPION GROUND TRACTOR TIRES

For greater drawbar pull, get the tires that deliver the greatest tread bar pull—Firestone Champions. It's no wonder they OUTpull all other tractor tires. One look at the tread bars is enough to tell why this tire outperforms all other tires.

Anyone can see that these bars take a deeper bite because they're higher, a bigger bite because they're longer, a stronger bite because they're Triple-Braced, and a sharper bite because they're especially curved for self-cleaning.

HAVE YOUR TIRES HYDRO-FLATED

Firestone Hydro-Flation insures the right liquid-air ratio for maximum traction. You get enough liquid weight to ensure maximum drawbar pull, enough air cushion to protect your tires against dangerous body shocks.

INFLATE YOUR TIRES TO 12 POUNDS

By using only 12 pounds pressure, the whole tread is in full contact with the ground for greater drawbar pull. You can do this safely with Firestone Champion Ground Grip Tractor Tires because the sidewalls are reinforced for low-pressure operation.

THE FIRESTONE TIRE & RUBBER COMPANY
AKRON, OHIO • MEMPHIS, TENNESSEE • LOS ANGELES, CALIFORNIA
It Pays to Raise Good Purebreds!

By FORREST BASSFORD

Did you ever stop to think that few endeavors match the breeding, development and merchandising of purebred livestock in these three respects:

1. Geographical, business and social range of acquaintanceships,
2. Opportunity for financial return from capital invested,
3. Satisfaction in achievement.

I was especially impressed with these three things during the recent National Polled Hereford Show and Sale in Denver.

Here were Freeland Farnsworth and Cyrille Faure and their wives, of Porterville, Calif. (Farnsworth was practically born in the saddle and has been in the purebred business since 1931, while Faure was not too long ago a 4-H Club boy, now a purebred breeder.) They were "shooting the breeze" with Polled and Horned Hereford breeders from across the nation.

Some of those breeders were new and some had been at it for a long time. Some of them were rich and others were of very limited means. Some of them moved in the highest social circles and others were not too much at home at the banquet table or around the cocktail bar.

But the Farnsworths, the Faures and all of these were on common ground, talking cattle and ranching. Since their problems and their aims were similar there was a feeling of kinship in the rubbing of shoulders with the banker from Maryland, the man with the small farm in Nebraska, the contractor from Missouri, the architect from Texas, the hotel man from Utah, the strawberry grower from Oregon, the grain dealer from Montana and the dozens of down-to-earth ranchers from many states.

It is a kinship seen only in livestock circles.

No Secrecy. A bystander in the hotel one night said, "Gad, that man just told several cattlemen exactly how he mates and develops his cattle, what he feeds, how much he pays his help and what kind of mixtures he has in his permanent pastures. Why, those are trade secrets that would be closely guarded in any other business."

He didn't know that anyone who has been around livestock long, and attempted improvement work, realizes man's limitations in working with nature; realizes that all the brains and all of the people working with livestock are needed to bring the rate of progress which each breed should enjoy.

Furthermore, there is not the monopolistic idea, because the success of each breeder is ultimately measured by the successes which others have with the breeding stock he produces and sells.

That's where the financial returns come in. And they're quite contrary to a somewhat general feeling that only a rich man can afford to raise purebreds, that they almost never pay off.

The men beside the first and second place entries in the best six head class at the National Polled Show are living refutations of the "rich man" line of reasoning.

In this lineup of the most advanced Polled Herefords the world has ever known, the owner beside the winning string was John E. Rice, with Mrs. Rice almost beside herself with excitement nearby.

Long on Ambition. Fourteen years ago John Rice attended a sale in Colorado, buying some of his first registered Herefords. I well remember the struggle we had in getting him up to $152.50 on a good heifer calf that later became one of his good foundation cows. He was short of money but long on ambition and he searched the country for cattle he could buy of right type or proved ability, always with the Polled head on a top beef animal as his ultimate goal.

John and Ruth Rice lived in little more than a shack, nine miles from a well improved road, on the Crow Indian Reservation in Montana. They worked and struggled and skimmed and their dreams came true. The registered Polled Herefords started paying off. Breeders flocked to their auctions as they had never attended any Montana sales before. A new house and new barn came into being and then the new ranch at Sheridan, Wyo., and more cattle, and finally the Denver successes which included champion bull and wound up with premier exhibitor, highest honor that the Polled breed could bestow.

Please Turn to Page 52
These Rancho Sacatal calves, mostly sons of WHR Double Princeps, are entered in uncomplicated record books when they are born.

It's on the Record!

"You are getting better range bulls, better stallions, better boars, better rams today because the leaders among registered producers have given, and are giving, day to day attention to the keeping of detailed records on all individuals in their herds."

This is the opinion of Walter E. Holland, owner of Rancho Sacatal, Dos Cabezas, Ariz. The Rancho Sacatal registered Hereford herd is one of the foremost in the nation, as was again evidenced last month in the sale of bulls at the National Western Hereford auction in Denver. The WHR Double Princeps Herefords of the Arizona concern were in high demand.

"And the secret to ranch maintenance and use of those records," say Holland, and his herdsman, C. G. "Sox" Hendry, "is in the choice of simple, handy forms and the insistence upon accurate, regular notations."

There are almost as many recorded systems as purebred herds, each owner or herdsman having his preferences as to the information he wants, the way he wants it and the place in which he keeps it.

Varied Systems. These range from a simple pocket notebook containing tattoos, calving dates, sales and deaths to visible index records in cabinet form at ranch headquarters. Some call for daily reports from the men who ride the cow herds, these reports being posted to office records.

But almost universally, among the men who are leading much of the livestock breeding progress today, there are two records kept on each individual in the breeding herd: 1) An extended pedigree of each animal, study of which individually and in groups, helps to shape breeding programs and selection of replacements; 2) A production record on each female showing the quality, type, how recorded and selling price of her offspring and other pertinent information.

Jim McClelland, manager of Turner Ranch at Sulphur, Okla., declares that simultaneous study of production records and pedigrees on Turner Herefords brought him many surprises. He, Holland, and many other breeders have found that the recorded facts are often at variance with their personal impression of the ability of certain individuals and strains. Study of the records have definitely shown McClelland that a few strains of females have been vastly superior in the Turner herd, and thus his selection of re-

For a moment it looked as tho Bill Milne had gone berserk. There he was chasing down the irrigation ditch like mad, grabbing for something in the water.

Watching, Mrs. Milne wondered what had happened until she saw him come up with a little plastic covered, spiral-bound book about 2 1/2 inches wide by 3 inches deep. Then she tumbled to the fact that Herdsman Bill Milne of Moseley Hereford Ranch, Jackson, Wyo., had accidentally dropped his tiny herd record book into the water and retrieving it was most vital because it contained many of his notations on calving dates, breeding dates, tattoos, grades and other pertinent facts about the Moseley registered Herefords. Facts that would have taken much checking to replace.
placement heifers is definitely guided.

**Production Records.** Some farms keep the production record on the front and the pedigree on the back of a single sheet which may be entered in a post binder, or a loose-leaf notebook. Others, like Rancho Sacatal, use a separate sheet entirely for the production record. The Rancho Sacatal production record and conformation ratings are illustrated herewith.

Here is the procedure at Rancho Sacatal, according to Mr. Holland: "We keep the records as simple as possible because we know that if they are too complicated they are not likely to be kept up.

"The information on the sample herd sheet (perforated for a three ring binder) is self explanatory. We also have books of extended pedigrees of all cows in the breeding herd as well as of the herd bulls.

"The man in charge of the breeding herd carries a small notebook in which he records the date of arrival of each calf. In this notebook he also keeps breeding records and notes about any deaths or troubles. These original notes are copied every few days into a more permanent record book in the office. The calves are tattooed when they are about a month old and the tattoo numbers are entered in the office record book. This office record is kept in long hand.

"When the calves are four or five months old, the applications for registration are made out and at that time the names are assigned. The information on the calf is then typed on the herd sheet of the dam.

**Rating and Grade.** "The record here-with is of RS Super Lady 9th, an exceptionally good producing cow that is in the Hereford Register of Merit. Our rating of the cow as an individual is rubber-stamped in the upper right hand corner of the sheet. Each calf is likewise graded when it is about nine months old, and the rating of that calf is also stamped on the cow's sheet.

Wyoming Hereford Ranch, Cheyenne, and Painter Hereford Co., Denver, keep these herd records on cards about 8 inches by 6 inches, while Hiwan Ranch, Evergreen, Colo., used an 8 x 6 card in a visible index system with all information on each animal filed in the one spot in the visible index file, including the registration certificate.

The Rancho Sacatal record and all other successful ones are keyed around: "Put it down now and in a way that means something not only to you but to anyone else who sees the record."

The herd record sheets are not normally shown to prospective customers, as they carry strictly owner-manager information. However, their meticulous upkeep, on the part of each breeding establishment, gives, quickly and accurately the information upon which herd progress and breed progress is made.

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### CONFORMATION RATINGS

<table>
<thead>
<tr>
<th>Category</th>
<th>Rating</th>
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<tr>
<td><strong>S</strong></td>
<td>in front of one of the above indicates the animal was in the show string.</td>
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<td><strong>C</strong></td>
<td>Poor (Cull)</td>
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<td>Fair</td>
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<td><strong>A</strong></td>
<td>Good</td>
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<tr>
<td><strong>★</strong></td>
<td>Top grade</td>
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Rancho Sacatal uses rubber stamps to indicate on permanent records the ratings given individuals at grading time by owner and herdsmen.
Combination method of land clearing and land preparation is used by Elliott Roberts of San Benito, Texas. Caterpillar tractor with hydraulic bulldozer pulls Towner heavy duty tandem disk, chopping brush and clearing pasture land at rate of between 2 and 3 acres per hour.

Al Rehm of Sabinal, Texas, uses an angling bulldozer blade to push over trees and windrow brush, clearing 3 acres per hour.

The after-effects of World War II, with their exacting demands for more food to stave off starvation in a hungry, rationed world, have imposed many hardships upon farmers and stockmen of the United States. Already utilizing their machines, acreage and manpower to the limit, they have been called upon to produce more and more.

And, somewhere along the line, the heavy cloud of imperative need has had its silver lining in the form of the attention which has been brought to bear on land reclamation.

Millions of acres, mostly in the Western states, have caught the spotlight of attention—acres which had been over-run with wasteful vegetation to such a degree that their utility as tillable land or as pasture had become negligible.

Reclamation is no longer important only to landowners in the West, the entire nation is cognizant of its necessity and governmental agencies are making certain the nation is aware of its importance.

New methods of implementing reclamation programs, plans for developing pastureland and farmland where weeds and undergrowth have held sway, projects to provide suitable irrigation have been presented and currently are being applied.

Paramount in the programs developed is land clearing and the center of attraction is the variety of land clearing tools which have been brought into action against existing undergrowth.
The Name Is Armstrong

That's their name, and beef is their business. In Monterey County, Calif., the Armstrongs are shrewd, conservative and honest cowmen who derive profit and pleasure from their outfit.

By REUBEN ALBAUGH
Assistant Farm Advisor
Monterey County, Calif.

Since the days of the pony express, 1868 to be exact, the names Armstrong and cattle have been synonymous in Monterey County, Calif. Just one year before the completion of the transcontinental railroad, which marked the third epoch of the cattle business in California, John Graham Armstrong arrived with his family in the Golden State, having come by way of the Isthmus of Panama.

This energetic Scotchman who was fresh from the banks of the Hudson River off New York settled in California's famous cowtown, Salinas. Here with his two sons, John and Ed, he farmed near Blanco. After several years of hard work, coupled with thrift, he began acquiring land in the Marina District where a 250-cow dairy of Durham cattle was established. Later, as success smiled on the Armstrong operations, the old and historical Rancho Tularcitos in the upper Carmel Valley was leased and stocked with beef cattle.

Near the turn of the century they branched out again and acquired about 16,000 acres of rangeland near Gonzales. The Gonzales property is said to be one of the best cattle ranges in Monterey County, if not in the state of California. This ranch is well watered, free of brush, and sure from a standpoint of feed supply. Only twice in all these years in the cattle business have these operators had to move their stock from the county because of lack of feed. This alone speaks well for their ranches and their management.

Drouth, which has always been a thorn in the hides of cowmen, was severe in 1897 and 1898. It was that year that John and Ed Armstrong drilled the first irrigation well in the Salinas Valley. This was to assist in producing more
By CECILE ADAIR

Spraying & Dipping means Dollars & Cents

$13.46 to the Good. Cost of five sprayings at eight cents a head was 40 cents. At 22 cents a pound this extra 63 lb. per steer was worth $13.86, or a net gain of $13.46.

Widespread Use. Maxwell told the boys that Siskiyou County has ranked as highest spray county in California for about five years. He said over half of the 48,000 beef cattle and the 13,000 head of dairy stock in the county are sprayed four or five times a year against ox warble.

So much spraying is necessary as there are two types of ox warbles here. There is the type common to the rest of the state. It emerges for about two and a half months between late January and early April. The northern type starts coming out about New Year's Day and keeps on coming until May.

Spraying also relieves cattle of lice and flies, Dillman said sprayed animals will lie down to rest on meadows in full sunshine. Without fly control they trek back to shade to escape flies.

In this county spray materials are often mixed so that animals can be sprayed with a combination which kills all three types of pests—grubs,
WHAT are the ingredients for the efficient and profitable operation of a cattle ranch? T. S. Brown, Lassen County Farm Advisor, believes he has the answer in the cattle ranch operated by Clark and Eugene Rowland of Doyle, Calif.

Mix together the best marketing program you can devise, the best feed producing program, the best feeding schedule, an excellent breeding program, and a goodly portion of creativeness or inventiveness, and spice it with an intimate knowledge of all the details needed to the best carrying out of the ranch operation.

That concoction is just what they have at the Rowland spread, and it is why Mr. Brown terms it as one of the most efficiently operated ranches in Lassen County.

That same unity of organization has made it possible to increase production at the rate of 60 lb. per animal per year, and add other thousands of dollars of income.

The Rowland ranch has been one of those which have been active in the highly successful cattle management and costs study program which has been conducted in the county for the past 14 years.

The original ranch operation was conducted by Clark Rowland, but he is being ably assisted today by two sons, Eugene and Frank. Eugene is the guiding spirit of the spread today. It is he who is bringing new life and new successes to the ranch.

The Rowland effort toward the best marketing program is of major interest, and is an excellent illustration of what happens to the kind of cattle sold and what good management can do.

"Rowland," Brown explains, "had a practice of weaning his calves in the fall, feeding them hay during the first winter, running them on the outside range as yearlings, feeding hay a second winter, then as 2-year-olds the steers were turned onto good pasture, under fence, and were sold as long 2-year-old grass-fat steers."

"In 1937," Clark Rowland adds, "I supplemented our weaner steer calves for the first time, feeding ½ lb. of cake and 1½ lb. of barley per head per day. They gained, during the winter, approximately 1 1/3 lb. per head per day. At turning out time these yearling steers were put on the same feed as the 2-year-old steers. When gathered..."
Ernest Soto looks over some top calves which were held over and will be sold as yearlings. Sudan grass being fed is raised on the ranch.

Handling Vealers for . . .

Top Weight & Top Prices

By ALBERT AUF DER HEIDE

ALTHOUGH not all their calves are marketed as vealers, Andrew and Ernest Soto—like other good stockmen—handle their calves for top weight and prices. On their 2,000 acres near Cambria, Calif., the brothers carry on a flexible operation which includes vealing a large percentage of each year’s calf crop. Realizing that flexibility of operation is an asset and frequently a necessity, the Sotos often hold over calves which are marketed more profitably later as 2- or 3-year-olds. According to Ernest Soto, all early calves, except those kept as heifer replacements in the breeding herd and those held over for steers, are sold as veal when weaned in June. Holding these calves over and marketing them as 2- or 3-year-olds gives the flexibility of operation which gains the highest returns on all stock. However, being in the cool moist coastal section of San Luis Obispo County, the ranch is particularly well suited to a cow and calf program. This factor accounts largely for the high percentage of calves going to market each year as vealers. By vealing their early calves, the brothers feel they are able to carry a maximum herd of 200 cows in addition to the other stock which may be carried over.

90% Calf Crop. Constituting the basis for the entire program are the 200 Hereford cows, thrifty, rugged individuals, many of them from purebred herds. The 14 registered bulls which are used in the breeding program are run with the cows from Feb. 1 to July 15, and average a 90% calf crop yearly. During the breeding season, native grasses of the area are at the peak of their growth and provide an ample supply of lush, highly nutritious feeds which sustain the stock in top breeding condition.

With the knowledge that certain favorable combinations of bulls and cows frequently transmit their more desirable characteristics to produce outstanding calves, Andrew and Ernest remain critically alert to analyze and secure these desirable combinations. When such matches are obtained, in so far as possible, they are maintained from one breeding season to the next. Standardizing their program still more, the Sotos make a practice of grazing the same cattle in the same fields season after season. This practice stems from the belief that being familiar with the pasture, location of water, and salting areas, the cattle will make more efficient use of the particular fields.

At the end of the breeding season the bulls are removed from the cows and placed in a special field where there is an abundance of excellent feed. The bulls are carried on this field for the entire year with the exception of the time they are with the cows.

Rugged Bulls. The bulls used in this program are of a strong, rugged constitution and at no time receive supplemental feeding. As a consequence, they are never overconditioned to the extent of suffering setbacks when on pasture alone. According to Andrew, the practice of not supplementing their bulls eliminates losses due to setbacks and yields a higher percentage of calves because the bulls are ready to work immediately.

The cows, all of which are grade animals, are selected and retained in the herd on the basis of thrift, constitution, and milking ability. With close culling, and a matching of cows and bulls alike, greater uniformity of calves
Forty-five years ago, a young fellow named Fritz Neddenriep took on his first job as cowhand and all around helper at the big Dangberg Land & Livestock Company ranches in Nevada's famous Carson Valley. That was Oct. 1, 1903. He never was a fellow to jump from one job to another. For the past 50 years, he has been cattle superintendent and in full charge of the entire cattle operation for the Dangberg family.

The lean, tall figure of Fritz Neddenriep, with his genial smile, has been part and parcel of almost every important livestock event in Nevada and California for many, many years. It was back in 1918 that the Dangbergs decided, at Neddenriep's suggestion, to switch from "Durhams" to Herefords. The first purchase of registered Hereford bulls was from the Wyoming Hereford Corporation, when Raymond Husted was manager and half owner of the famous Hereford breeding establishment at Cheyenne, since 1922 called Wyoming Hereford Ranch, and managed by Bob Lazear. At least once every two years, Neddenriep has returned to WHR to buy range and herd bulls, so that both the registered Hereford herd of some 150 cows, and the commercial herd of 1,500 cows, are almost straight WHR breeding.

"We never thought it good business to buy cheap bulls," comments Neddenriep. "We paid as much for range bulls, during many of the past 30 years, as some people paid for bulls to head registered herds. The investment in good breeding bulls has paid off—but I never expected to see the day when we would sell 1,000-lb. steers off the ranch at better than $300 a head."

Along with the extensive beef cattle operations, which has included the registered herd, the commercial herd, the feeding of home-raised steers and some 1,500 additional feeder steers purchased in Wyoming, the ranch also accommodates about 8,000 ewes, and a sizable hog breeding and fattening program.

Fritz Neddenriep is proud of the cattle he has had in his charge for nearly a half century; but his greatest pride is a beautiful daughter, Mrs. Fritzie Huntington, who divides her time in looking after her big home in Los Angeles, and helping Dad each summer and fall in the annual roundups in Carson Valley. And Mrs. Vida Neddenriep is proud of the success of her husband and proud of her pretty daughter, Fritzie, when a youngster in her early teens, was showing prize winning steers at the South San Francisco Junior Show.

Here is a solid family, typical of the successful, hard working, home loving folk on western cattle ranches.
WIDER, lower slung, faster fleshing, more economical on feed, better upholstered in the right places."

That describes the 1949 models in beef cattle put on display in the feeder carlot competition at Denver's National Western Stock Show last month by the "three major American companies," Hereford, Shorthorn, Angus.

It was an interbreed affair in a wide-open show where all abided by decisions of the three judges: A. D. Weber, Manhattan, Kan.; D. C. Harvey, Waucoma, Neb., and Karl Hoffman, Ida Grove, Ia.

Those men pinned the purple on the reds and roans (top photo) of Josef Winkler, Castle Rock, Colo., the Austrian immigrant who has, almost single-handedly, carried the breed's banner in this greatest of feeder shows with his advanced type entries—Shorthorns such as no other breeder in the land seems to be producing.

The judges stood the Herefords (center photo) of Fred C. DeBeard, Kremmling, Colo., next in line, as the reserve champions. Next came the Hereford load of Hinman Ranches, Kremmling, Colo., and fourth were the Angus (bottom photo) of J. J. Hadley, North Platte, Neb. Thus the three breeds were represented in the first four places among 97 competing loads, demonstrating the closeness in type and desirability which topmost commercial breeders of the country have attained.

Winkler's load set a new world's price record in selling at $77 per cwt.
Another Denver Champion
Joins Our Herd Sire Battery

MW LARRY DOMINO 89TH—1949 DENVER CHAMPION
Champions that Produce Like Champions

Our undefeated two-year-old bull, MW Larry Domino 89th, by Larry Domino 50th, was the 1949 Denver Champion. He now joins another Denver Champion, MW Larry Domino 37th, in service in our herd. The “37th” was Champion at Denver in 1946. This year as the youngest Register of Merit bull of the breed, he sired the winning Get-of-Sire group at Denver and his son topped the Denver Sale and sold at a new world’s record price, for a calf, of $36,750.00. He went to Bortz Bros. of Uniontown, Pennsylvania.
Z A L E S N. E C T O N, United States Senator from Montana: "The Taft-Hartley labor-management act was necessarily a compromise. I doubt whether all of its provisions were satisfactory to anyone who voted for it, but I am sure that in virtually all instances those who supported the ultimate compromise of viewpoints did so with the feeling that experience would reveal any changes that would make it more workable in the best interests of labor and management in an economic partnership for the welfare of the American people." 

Q U I T CORDON, U.S. Senator from Oregon: "In my opinion the Taft-Hartley Labor Law should be amended to the extent that experience gained under its administration indicates to be necessary or advisable. "I have not had an opportunity to study the report of the joint committee set up to study the administration of the bill; therefore, I am not prepared to suggest what, if any, amendments are advisable." 

C LAIR ENGLE, Congressman, California: "Although I voted for the Taft-Hartley labor law I have always believed that there were provisions in it which should be modified or taken out altogether. Specifically, I think the union shop elections should be dispensed with as serving no purpose. The Communist affidavit should be retained but the language can be improved and all parties seeking the services of the NLRB should be required to sign. "This will then include employers and independent groups in the union. I think there should be no limitation on the labor press getting into politics if it wants to; and I will favor the unions being permitted to spend their money in campaigns if the membership approves it. 

C H E T HOLIFIELD, Congressman from California: "In the 80th Congress I voted against the passage of the Taft-Hartley Labor Law. I also voted to sustain the President's veto of this law. I am of the same opinions today. I believe that the Taft-Hartley Labor Law is an unjust law and I believe that it should be repealed. "I am also willing to pass additional legislation which will retain certain provisions of the Taft-Hartley Law, such as the prohibition against jurisdictional strikes, the improper use of the secondary boycott, and so forth. I am not aware of the type of legislation which will be submitted and will have to judge my procedure at the time that it is presented."

T E C O P R O D U C T S

"DO YOU THINK THE TAFT-HARTLEY LABOR LAW SHOULD BE RETAINED, AMENDED OR REPEALED?"

Z A L E S N. E C T O N

STEEPLE S X R HEREFORDS

THOMPSON & GILL, Inc.
Madera, California

John Zwald
AND SON
Registered Herefords
OAKDALE, CALIF.
Phone 4641 or 4361

S X R HEREFORDS

CHESTER X RANCH
Wm. A. Spence
SPRINGERVILLE, ARIZONA

W E S T E R N L I V E S T O C K J O U R N A L
Wynola Hereford Ranch

DISPERSION SALE

March 1 (Los Angeles Union Stockyards) Los Angeles

This dispersion offers you some of the best breeding ever presented at auction in the West. Our foundation females were all tops of several Los Angeles shows and sales. But they were not only show females, they had the pedigrees to match and sale day you'll see that their production has been in accordance.

Included are own daughters of the great Bright Anxiety M, sire of the 4 top females and several top bulls in the recent Taussig dispersion: Don Mixer; Vagabond Mischief Jr.; Advance Mixer Jr.; Don J. Mixer 7th; BCR Advance Mixer; Royal Domino 12th, by WHR Royal Domino 45th (DeBerard); Herb Chandler's great Donald Dhu; Chandler's Belmont 64th, Donnie Domino and Royal Mark.

Females so bred were mated with Baca R. Domino 47, one of the outstanding sons of OJR Royal Domino 10th.

The offspring from this cross is all one could expect. Lots of width and depth, a straight, short leg on each corner. Good heads. Excellent tail settings. Among the calves are some show prospects.

Every cow had a calf in 1948 and nearly all will either have calves at sale day or will be near calving. All will be tested for Bang's and T.B.

Not highly fitted, but in good breeding condition. Just right for you to carry them on. See them sale day. You will not be disappointed.

Since there are no railroads near the ranch, we are holding the sale at the Los Angeles Union Stockyards for your greater convenience. Remember the date, March 1.

For catalogues, write either:

Clifford C. Bong, Owner
6 North First Ave.
Arcadia, Calif.

G. I. Godwin, Manager
Santa Ysabel, Calif.
c/o Wynola Ranch

Forrest Bassford for Western Livestock Journal

Buy your picks of—

98 HEAD

27 BULLS

2 coming 3-year-olds
8 coming 2-year-olds
17 coming yearlings

Herd bulls, Show bulls, Range bulls.

71 FEMALES

41 cows
14 coming 2-year-olds
16 coming yearlings

Foundation females and Show Prospects.
Two DOUBLE DANDY DOMINO Bulls that show real promise. You know what the Double Dandy Dominos have done in show and sale rings all over the country.

WHIS DANDY DOMINO
(Bred by J. F. Miller, Hayden, Colo.)
Calved April 15, 1947

Sire: Donald Domino 26th, son of TT
WR Miss Dare 24th, Count Domino

Dam: Royal Pr. Domino
Royal Princess 68th

WHS ADVANCE DOMINO
(Bred by J. F. Miller, Hayden, Colo.)
Calved Sept. 1, 1947

Sire: Donald Domino 26th, son of TT
WR Miss Dare 24th, Count Domino

Dam: Advance D. 1st, Lady Dom. Mischief
Miss Advance D. 14th, Royal Prince 34th

WHS Nancy Maid, calf Apr. 15, 1947. A junior yearling heifer out of a Mount-crest cow and carrying the service of TT MAJESTIC 7th (pictured below), our son of TT Proud Prince, top selling bull at the Dan Thornton dispersion sale. WHS Belle Domino, calved Oct. 30, 1946. She is out of a Curtice Martin cow and sired by SV Flashy Mixer 12th.

TT MAJESTIC 7TH

Walter P. Hubbard
Junction City, Oregon

Remember to say you saw it in Western Livestock Journal

P. R. GLADHART, manager, Old Union Stock Yards, Spokane, Wash.: "I think that the Taft-Hartley Law should be retained. The 'bugs' should be taken out, but the major premise and intent should be left as it is.

"This law protects both the employer and employee. With the result that there has been less labor trouble since the advent of this Act. It should not be repealed."

JOHN SANBORN, U. S. Congressman, Idaho: "The Taft-Hartley Labor Law should be retained. By that I do not mean that it should not be amended. It certainly is not a perfect law. That is too much to ask of any newly written law covering so large and important a subject. It undoubtedly will need additions and modifications as management and labor operate under it, but it is a great improvement over the laws in force before its passage.

"The labor leaders, in forming their opposition to the Taft-Hartley Law, labeled it a 'slave labor law' and the catch phrase was accepted by the majority of the union membership which helped to sell the idea to the country that the Taft-Hartley Law was a bad law. The law is really an emancipation of the union member.

"The Taft-Hartley Law gives added protection to the worker in many ways. It protects him in his union membership unless adequate cause for dismissal is shown; it gives a union member an opportunity to know the financial matters of his union; it gives workers a chance to choose whether they wish to join a union and to choose the union they desire. This space will not permit the enumeration of all the benefits to the worker.

"The law also prohibits the use of union funds for political purposes just as corporation funds are prohibited. It does permit the employer to present his side of a dispute to the workers and then allows the workers the opportunity of hearing both sides and then gives them a chance to vote by
You still have time
TO GET TO THE
SUNLAND
DISPERSION
Feb. 25-26

350 LOTS
AT AUCTION
AT THE RANCH
IN COMPLETE DISPERAL

Time to make your selections of Sunland herd bulls and cows, whose offspring have out-sold all Pacific Coast Herefords.

Time to "sweeten" your herd, or found a strong new one, with Sunland's young, modern replacement females and bulls.

Time to pick and buy Herefords that will bring Sunland's wide prestige and profitable, added demand to your ranch.

Buy now! Take delivery later!
We can pasture or drylot (right here at the ranch at reasonable charge) your Sunland Dispersion purchases. Until spring or early summer, if you desire.

Auctioneers

For Western Livestock Journal

SUNLAND Ranch
Rt. 1, Box 299, SANGER, CALIF.
MRS. GLADYS HARPER, Owner
CLAIR POLLARD, Manager
Make Your 1949 Selections from “The Cream of the Crop”

SPOKANE’S ANNUAL SPRING HEREFORD SALE
MARCH 10 AND 11

Sponsored by THE NORTHWEST HEREFORD BREEDERS’ ASSOCIATION

FORTY of the leading Hereford breeders of the Northwest are consigning top quality cattle to this annual spring show and sale at Spokane—a sale notable as the place where so many breeders have selected herd bull prospects that have made good in a big way.

Along with these top herd bull prospects, the foundation heifers, open and bred, cattlemen and farmers will find modern type Hereford bulls, most of them of service age. These bulls are raised in the Northwest, they have been developed in rocky, rough country and they have good feet. They’ll do the job for YOU!

Take in the show; see the cattle judged on Thurs., March 10; then be on hand for the sale, Fri., March 11.

Take in the big week at Spokane! Meet your friends, meet the breeders who are doing such a top job in developing the sort of breeding stock that will make more money for you!

Auctioneer: H. B. SAGER, Bozeman, Mont.
Sale Management: MILLER & TEALE, W. 807 Shoshone Place, Spokane, Wash.

SALE COMMITTEE
Herbert Chandler
Baker, Oregon

L. C. Staley
Pullman, Wash.

Merritt Meacham
Culdesac, Idaho

Northwest Hereford Breeders’ Association
secret ballot before a strike is called.

"The operation of the law has resulted in a greatly reduced number of strikes. This has added greatly to the wages paid the workers. It has increased production which means enlarged benefits to the country as a whole. It has resulted in improved labor-management relations.

"The Taft-Hartley Law has already demonstrated that it is a worthy improvement. With some amendments it should be retained. To discard it would be ruinous."

R. G. SCANLON, Flagstaff, Ariz.: "As to my attitude toward the Taft-Hartley Act, I sincerely believe that primarily and in conclusion it is a National Manufacturers Assn. Act of Congress, as a rebuttal to the national organization bosses of the United States. Certainly there should be a change.

"The Wagner Act was not far-reaching enough, but the Taft-Hartley Act is decidedly too one-sided in favor of the National Manufacturers Assn. It would be well to take the good points out of each act and pass them to protect humanity in the United States—before Europe, at our expense, sets up a policy that is far superior to that which exists in the United States.

"You will find, on close examination of the records, that the National Manufacturers Assn. is too greedy. Also the jobbers and wholesalers are too greedy. And our retail merchants, locally and nationwide, have come to the conclusion that they should make 100% on all the commodities they sell. If this continues, Europe will be in good condition when we are a depressed government."

DENVER WINNERS—Don Thornton, Gunnison, Colo.; Teunis V. Clark, principal owner of PK Ranch, Sheridan, Wyo.; and Tony Fellbauer, extension animal husbandman, University of Wyoming, with 1st prize PK heifers at National Western last month.

These Breeders are consigning Bulls and Females to the Northwest Hereford Show and Sale March 10-11 at Spokane:

Herbert Chandler, Baker, Ore.
A. R. Cochran, Colfax, Wash.
Fred E. Cox & Son, Grass Valley, Ore.
Ralph E. & Katherine M. Eckin, Moro, Ore.
Joe Fisher Hereford Ranch, Warren, Ore.
Geo. M. Francis, Randle, Wash.
G. L. Gaudreault, Blanchard, Ida.
E. F. Hanford, Oakesdale, Wash.
Hoag Hereford Ranch, Blaebrook, Ore.
Walter P. Hubbard & Son, Junction City, Ore.
Idaho Hereford Ranch, Gooding, Ida.
Henry & Walter Jaeger, Condon, Ore.
J. L. Jacob & Sons, Prineville, Ore.
Kirk & Robinson, Heppner, Ore.
McKenzie Hereford Ranch, Coburg, Ore.
J. W. & Edna Michael, Springfield, Ore.
Owens & Smith, Kennewick, Wash.
OXO Hereford Ranch, Stevensville, Mont.
D. S. & Marie Pruitt, Eugene, Ore.
F. W. Richardson, Orofino, Ida.
B. P. Ramd, Irrigon, Ore.
E. P. Reese, Shoup, Ida.
Frank A. Riches, Buena, Wash.
James J. Sangster, Asotin, Wash.
Robert & Carl Sangster, Anatone, Wash.
Robert C. Sangster, Anatone, Wash.
Schneidmiller Bros., St. John, Wash.
C. W. Sherman, St. Helens, Ore.
Vallie Smith, Potlatch, Ida.
Staley Hereford Ranch, Pullman, Wash.
Walter Stein, Enterprise, Ore.
Stillmeadows Farm, Castle Rock, Wash.
L. H. Tippery, Richland, Wash.
C. E. Tuttle, Prairie City, Ore.
Tony Walser, Condon, Ore.
E. L. Walston, Hayden Lake, Ida.
Arch Wasson, Harrisburg, Ore.
Whitmore Hereford Ranch, Pomeroy, Wash.
THREE by DIAMOND M. DOMINO 11th

in the Northwest Hereford Breeders' Sale

SPOKANE MARCH 10-11

A VERY ATTRACTIVE BULL, Diamond Heir Anxiety 1st and TWO NICE HEIFERS out of Real Prince Domino and Chief Domino dams, from . . .

RALPH E. & KATHERINE EAKIN, Moro, Oregon

RAISING PUREBREDS

Continued From Page 35

Polled Herefords built fame and fortune for John and Ruth Rice and spread their names and their acquaintanceships in the beef cattle world.

The story of the man whose string was second in that best six head at Denver, and whose total winnings in that show were only a fraction under those of Rice, again demonstrates the triumph of ability and determination over lack of finance.

Orvil Kuhlmann of North Platte, Neb., is that man. And Mrs. Kuhlmann, too, was nearly, thrilling to the achievements of their cattle, which included first get of sire and reserve champion bull.

Kuhlmann, raised at North Platte, the member of a large family, worked with his father's Polled Herefords and decided to make the breed his life's endeavor. There were many who didn't think that he or his brothers would get the job done. They didn't have any money. They didn't have any land. They scarcely had living quarters. But they knew cattle and they had determination. Orvil led the way.

Program Begins to Click. He worked with his few cattle, developed the calves and managed to get them to some shows and sell a few. Soon his breeding program was clicking. Soon he and his cattle were familiar sights whether at the Pacific National Polled Show in California or at the National in Tennessee. The cattle were paying off and are still doing it, as is evidenced by the fact that Western breeders paid him an average of $3,350 for the six he consigned to the Denver sale.

Both of these men, naturally, have gotten a lot of satisfaction out of their achievements. Similar success stories abound among the leaders in every other breed of livestock in this nation.

But the satisfaction is not limited to the leaders or to the big breeders. Each man who truly becomes interested in what he is doing with purebred livestock attains much satisfaction in producing breeding stock that will help improve the herds of other people, thus serving for more efficient overall production and a higher standard of living for all the people of this land.

Each man gains satisfaction in being creative, in the ranch visits of ranchers and farmers, and in the steadily increasing markets for good purebred livestock. He is paid in many ways for raising better purebred livestock.

Wipe Gripe

By S. Omar Barker

When you're a guest in a lovely home,
And to the bathroom hie you,
Please tell me: have you ever found
A guest towel that would dry you?
BUY CHANDLER
HEREFORDS AT
SPOKANE, MAR. 10-11

THREE BULLS ...
A Junior Yearling by Advance Command by Advance Domino 120th, out of a cow by Donald Domino 16th.
A Summer Yearling by RS Royal Dhu by Donald Dhu, out of a cow by Donald Domino 16th.
A Summer Yearling by Advance Command and out of a daughter of Donald Domino 16th.

THREE HEIFERS ...
A Summer Yearling by Mark Donald Jr. by Mark Donald, out of a cow by Miller Domino.
A Junior Yearling by Mark Donald 4th by Donald Domino 16th, and out of a cow by Donald Domino 16th.
A Senior Calf by Mark Donald Jr. out of a Cascade Domino cow.

This is the breeding that has made good for top breeders of the western country. They'll make good for you, too.

Herbert Chandler, Baker, Oregon
RANCHING SUCCESS
Continued From Page 41

that fall they weighed 878 lb., the 2-year-old steers 1,040."

"Mr. Rowland then changed from selling long 2-year-old steers to long yearlings," Farm Advisor Brown continued the story. "In order to deter-

mine whether or not this was a profitable practice, the following information was taken from the cost study. The first table is one giving a 10-year record of the number of 2-year-old and yearling steers sold. Note that the 2-year-old steers averaged 1,035 lb., the yearlings 803 lb., but that he sold more steer meat when he had yearlings than when he had two's."

<table>
<thead>
<tr>
<th>Year</th>
<th>Steers—2's and Over</th>
<th>Steers—1's</th>
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<tr>
<td></td>
<td>No.</td>
<td>Weight</td>
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<tr>
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<td>56</td>
<td>56,784</td>
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<tr>
<td>1936</td>
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<td>85,698</td>
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<tr>
<td>1937</td>
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<td>1939</td>
<td>17</td>
<td>17,204</td>
</tr>
<tr>
<td>1940</td>
<td>15</td>
<td>15,012</td>
</tr>
</tbody>
</table>

"To make up for less cattle when he discontinued selling long 2-year-old steers, Rowland increased the cow herd. In this way he increased the number of calves per year. The aver-

age increase was 111 head according to the records. "The following table gives the number of breeding cows and a record of calves produced."
SELLING AT—

SPokane—March 11... in the Northwest Hereford Breeders' Assn. Sale

3 top herd sire prospects by Royal Essar 3d.
1 blocky 2-year-old daughter of Royal Essar 9th, safe in calf to Royal Essar 3d.
1 deep summer yearling daughter of Royal Essar 3d, bred to Gem Beau Zento.
1 typey junior heifer calf by Jr. Mixer 51st.

Twin Falls—March 12... in the Idaho Cattlemen's Assn. Sale

3 top range bulls. One by Royal Essar 3d, one by Royal Essar 9th and the other by Gem T. Royal Rupert.

BOise—March 19... in the Idaho Hereford Breeders' Assn. Sale

2 yearling growthy herd sire prospects by Royal Essar 3d.
1 rugged yearling bull, a double grandson of Jr. Mixer 51st.
1 richly bred heifer calf by Royal Essar 3d.

Second Annual Sale, November 18, at Gooding

Selling 60 head of top, clearcut GEMS.

Plan Now to Attend

As usual — WE WILL DELIVER.
SHERMAN STOCK FARM

We are consigning to

NORTH PACIFIC
HEREFORD
ASSOCIATION
SALE
Ellensburg, Washington
February 27-28, 1949

NORTHWEST
HEREFORD
ASSOCIATION
SALE
Spokane, Washington
March 10-11, 1949

Sons and Daughters of

At Ellensburg...

WHR Jupiter Domino 142d (His sire is
WHR Proud Star (His sire is WHR
Proud Princeps 9th)
A daughter of WHR Proud Star
A son of WHR Jupiter Domino 142d
Three daughters of WHR Jupiter Domi-
ino 142d

At Spokane...

Two sons of WHR Proud Star
Three daughters of WHR Jupiter Domi-
ino 142d

Consigning to the Spokane Hereford Sale
Two Top Bulls... a Heifer Bred to a Champion

SF Triumphant Safety 2d
Sired by TT Triumphant 16th,
the Denver champion, and out
of Sunmaid Domino 22d. A
hard bull prospect backed by
top breeding.

SF Safety Heir 5th
Sired by the great Sunland
Domino 33d. Dam: Real Maid
2d. A real herd bull prospect.

Princess Domino 22d
Calved April 17, 1947.
This choice heifer was sired by
WS Domino 660th; dam, Estel-
la Domino. Exposed to Proud
Mixer 11th, champion bull we
purchased at Ellensburg last
year.

TT TRIUMPHANT 16th
Champion Bull, 1944 Denver Show

Francis Hereford Ranch

George M. Francis, Owner • RANDLE, WASH. • W. M. "Pete" Cahoon, Herdsman

the west of the home ranch. They are
returned to the ranch in October.
The winter feeding program is then
begun. The calves are weaned. Cotton-
seed cake is added as a supplement to
chopped hay for the young stock feed.

"In our over-all plan," Eugene says,
"chopped hay is very important. Our
cattle just naturally eat chopped hay
better." The hay as it is chopped is
fired and chopped hay which
MEN Men. Eugene says that
have had a marked effect on the ranch's
economy. They cut haying crews from
16 down to 3 men.

One of these is a new type buck
Tooth rake. The other is a one man
hay chopper and blower. The buck is
attached to the front of a tractor and
picks up the mown and cured hay. An
arrangement of cables and winches
is worked to raise the buck teeth and
the load of hay and dump it into the
hay chopper and blower.

DIES IN PLANE CRASH—Louis J. Whit-
more, prominent Hereford breeder from
Pomeroy, Wash., was killed in a crash
of his private plane near Dayton,
of Herefords, Whitmore won the cham-
pion female and reserve champion bull
awards at the 1948 Spokane Hereford
Sale. The above picture of Mr. and Mrs.
Whitmore was taken at the Wash-
ington Cattlemen's Assn. Convention at
Okanogan last summer.

Money Matters. Eugene says that
the major obstacle encountered in
building up the hay chopping program
was in getting it down to a point where
it was an economical operation.
The fact that Eugene is a graduate
engineer and somewhat of an inven-
tive genius helped this problem.
He has designed and put together
two home made implements for han-

WESTERN LIVESTOCK JOURNAL
Our 1949 Consignment is even better! We'll see you at SPOKANE, March 10-11.

Whitmore Hereford Ranch Pomeroy, Washington

Jaeger Herefords going to the

Northwest Hereford Breeders Sale

at Spokane, March 10-11

3 Bulls with Size, Scale & Smoothness

Featuring a truly outstanding herd bull prospect

JHR Britisher Promino
Calved Sept. 16, 1947

JHR Hartland Promino
  Promino’s Lad
  Miss Hartland M.
  Britisher Domino
  Britisher Lady 99th

JHR Britisher Promino
  Beau Promino 115th
  Miss Mark 42d
  Double Domino
  Mildred Mischief
  Prince Domino 34th
  Perfecta Britisher
  Montana Mischief
  Pine Coulee Donna 27th

We'll see you at Spokane!

Henry & Walter Jaeger
Condon, Oregon
SANGSTER
HEREFORDS

in the
NORTHWEST HEREFORD BREEDERS'
ASSOCIATION SALE at SPOKANE
MARCH 10 and 11

TWO SENIOR BULL CALVES
ONE TRIED HERD SIRE

The senior bull calves are both sired by the PROVEN SIRE selling—BD DOMINO 1st, a five-year-old son of Baker Donald that has demonstrated what he can do. The bull calves selling are strong in Chandler breeding.

Carl, Robert & Jim Sangster
ANATONE, WASHINGTON

RUPERT'S JO TONE
Sires of
Royal Breeding in service at
Sycamore Hereford Ranch

Such as
RUPERT'S JO TONE by College Joe Tone; dam by Hasford Rupert 81st, her dam by Bonybal.
DIAMOND ROYAL by Baldwin Diamond by Beau Baldwin 19th.
SELECT DOMINO B. 88 by Select Domino. SUN DOMINO 2D by Brown's Domino 98.
P.H., TRIUMPHAL 10TH by R.S.R. Royal Triumph.

NOW OFFERING
50-3-YEAR-OLD BULLS
100—LEANER BULLS
At ranch, 11 miles east of Farmington, Calif., on State Hi-way No. 4

W. S. ORVIS
Phone Orvis Toll Station
FARMINGTON • CALIFORNIA
Nelson Brune, Headman of Ranch

CHAS. ADAMS

REMEMBER . . .
It's the Auctioneer Behind the Auction That Counts!

Official Auctioneer for the following Sales:
Feb. 21-23—Pulluck Hereford Sale, Sacramento
Feb. 25-26—Sunland Hereford Dispersal, Sanger, Calif.
March 1—Clifford C. Bong Hereford Dispersal, Union Stock Yards, Los Angeles
May 3-5—California Ram Sale, Sacramento
May 14—Northwest Quarter Horse Breeders 1st Annual Sale, Pendleton, Ore.
Aug. 22-23—Nat'l. Ram Sale, Salt Lake City
Better write, phone or wire for sale reservations at once. Our date book is filling up rapidly.

CHAS. ADAMS, Auctioneer
12553 E. Orangeholps . . , Artesia, California
Office Phone DOrrey 6207
Home Phone D'Orrey 73809

STANDS FOR SILLIMAN
Registered Herefords

GEORGE SILLIMAN
Watsonville, Calif.
411 Palm Drive, Phone 725 M

large hopper on the portable chopper-blower unit finds itself being drawn automatically into a series of fork arms which operate on the principle of those on the old time threshing machines. These arms break the hay up into small enough units for the chopper to handle.

Rowland's records reveal the entire cost of material for these units was $1,500 and would have cost several thousands of dollars if a like piece of equipment had been custom built by someone else.

No Hay Purchases. "The efficiency of these units," Eugene says, "has made it possible for us to harvest and use an unlimited number of tons of hay which it would not have been profitable for us to handle under other circumstances. This has meant much for we haven't had to go out and make hay purchases."

Another smart piece of machinery on the ranch is a truck with an all steel bed. This bed was built and installed by Eugene and Frank at the small cost of $250. An implement dealer wanted $900 to construct it. The two brothers point to the steel bed as an ideal installation. There is no wear to demand replacement.

Special attention is given to care and breeding of the cows. A 95% calf crop was the pay off last season.

Bashful Buckaroo
By S. Omar Barker

The cowboy bold in days of old
Faced naught this side of Hades
He'd face a gun—then spook an' run
When smiled at by the ladies!
Consigning to...

**Lewiston Hereford Association Sale**

March 1-2, Lewiston, Idaho

**TWO YEARLING BULLS**

*BY*

**WHR PROUD MIXER A**

**ONE BY**

**NHR DONALD DOMINO 78th**

**Consigning to...**

**Northwest Hereford Breeders’ Sale**

March 10-11 at Spokane, Wash.

**THREE YEARLING BULLS**

- TT Majestic 5th by the famous TT Proud Prince, top of the Thornton Dispersal.
- TT Aristocrat 4th by the Denver Champion, TT Triumphant.
- SHR Donald Domino 3d by NHR Donald Domino 78th.

**ONE YEARLING HEIFER**

- SHR Miss Mixer 37th by WHR Proud Mixer A; and bred to TT Flashy Royal.

**SHR MISS MIXER 37th** half sister to our record breaking heifer purchased by Moseley Hereford Ranch, Jackson, Wyoming.

CHECK YOUR CATALOGS FOR TABULATED PEDIGREES OF THESE INDIVIDUALS. WE BELIEVE THEY CARRY THE BEST AND MOST POPULAR BLOOD LINES TODAY.

L. C. STALEY, Owner

BILL SMILEY, Herdsman
Consenting to the Spokane Sale
MARCH 10-11

3 BULLS . . . and 2 FEMALES

Two good rugged fall yearling bulls sired by OJR Royal Seth. And, Royal Triumph 7th, 52081/04. Calved Sept. 6, 1947. Sired by Royal Triumph 45th, 4049072.

We recommend this entry for a herd bull prospect


JOE FISHER'S HEREFORD RANCH
WARREN OREGON

Selling At Spokane
MARCH 10 - 11
TWO JUNIOR YEARLING BULLS


At the ranch two grandsons of WHR Royal Domino 51st. The older bull, coming four-year-old, has been proven and the younger bull is his son. Both fine bulls and priced reasonable.

STERLING HEREFORD RANCH
D. S. and MARIE PRUITT Route 2, Box 279 EUGENE, OREGON

Registered HEREFORDS
FOR SALE
HERD BULL PROSPECTS
YEARLING RANGE BULLS
YEARLING HEIFERS
COWS WITH CALVES
The kind of cattle you need in your herd

A. B. Hardin Savagoton, Wyo.

Please Mention Western Livestock Journal When Writing Advertisers

ADAMS HEREFORD RANCH
CHICO, CALIF.
Breeders of top quality REGISTERED HEREFORDS
RANGE BULLS FOR SALE

GEO. WASHINGTON MANAGER  
E. L. ADAMS OWNER

HANDLING VEALERS
Continued From Page 42

is secured making it possible to market many of them as top quality veal. Dry and aged cows culled from the breeding herd are shipped to market, and so help maintain both quality and uniformity in the calf crop.

Calving Season. Calving on the Soto ranch extends from November through April, and of the early calves those with sufficient finish are vealed by the end of June. Calves that are weaned in July and August are placed on sudan grass pastures and are carried along with good gains until the early range grasses appear. Unlike some neighboring stockmen who have lost cattle on sudan, Ernest recalls turning cattle into sudan fields for a number of years with no losses from poisoning. In December or January the calves are removed from the sudan fields and are placed on natural pasture. In June, the cattle are sorted, and the fat stock weighing 900-1000 lb. is shipped to market. Here again the flexibility of operation is noted, and if there is stock lacking in finish it is carried over and marketed the following year.

While bulls on the ranch receive no supplemental feeding, cows and calves generally receive supplements of hay and cottonseed cake during the fall and winter months. Knowing the value of green feed, and especially as it effects the milk supply of their breeding cows, Andrew and Ernest work constantly to provide other sources of this important crop. Additional green feed is provided for the stock by means of planting several areas on the ranch to barley and sudan grass. The soundness of increasing and maintaining an increased milk supply in the breeding herd is directly traceable to the degree of finish displayed by the early calves which are vealed, and bring top weight and prices on the central market.

Management Practices. An indispensable part of any livestock enterprise is the ever important factor of proper management. The Sotos have combined good land and good management into a sound economic unit. Although much of the ranch terrain is such that for effective use of the natural forage the cattle must be "hustlers," development of springs, proper salting, and cross fencing pays for all available pasture to maximum use. Of the desirable native forage, bur clover, filaree, and wild oats predominate.

Despite the fact that other phases are included in their over-all operation, marketing a large percentage of the yearly calf crop as veal is a major aspect of the Soto program. And having successfully combined the factors of good land, good cattle, and good management, it can truly be said that Andrew and Ernest Soto handle their calves for top weight and prices.
HOAG HEREFORD RANCH

OFFERS These Two Very Good Bulls in the
NORTHWEST HEREFORD BREEDERS' SALE
SPOKANE, MARCH 10 and 11

TCR ROYAL DOMINO 95th
5190053, Apr. 6, 1947

<table>
<thead>
<tr>
<th>TCR ROYAL DOMINO 95th</th>
<th>Bar 13 Royal Dom 51st</th>
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<tbody>
<tr>
<td>TCR ROYAL DOMINO 95th</td>
<td>329/744</td>
</tr>
<tr>
<td>Royal Beauty 5th</td>
<td>313473</td>
</tr>
<tr>
<td>Shoshone Lad 6th</td>
<td>4224466</td>
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<tr>
<td>Shoshone Heiress 30th</td>
<td>3247044</td>
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<tr>
<td>TCR ROYAL DOMINO 95th</td>
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<td>Royal Beauty 5th</td>
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<td>Shoshone Lad 6th</td>
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<tr>
<td>Shoshone Heiress 30th</td>
<td>2149304</td>
</tr>
</tbody>
</table>

Also, some good bulls for sale at the ranch

EARL P. & MAUDE HOAG, BLALOCK, OREGON

MAKES NO DIFFERENCE
WHO YOU ARE!

YOU ARE INTERESTED IN
FATTER CATTLE
AND
FATTER PROFITS

When you want the buyer’s Top on “Finished cattle,” ship to California Cotton Oil Feed Yards—the most modern feed mixing-mill and yarding set-up on the coast... Parley Richins' feeding “know how” and a location, less than ONE shipping mile to the Central Market.

FEED YARDS . . . 3610 E. Washington Blvd., L. A. 23, Phone AN. 0189
Meacham Herefords
Selling at Two Great Northwest Sales

Because we have cancelled plans for our own Auction Sale, we are able to make an exceptional offering of registered Herefords at these two important sales, representing TOP breeding and TOP individuality.

... at Lewiston, Idaho
March 1-2

We are selling . . .

ROYAL PS DOMINO, a 3-year-old son of OJR Royal Domino 43d, out of a OJR Royal Domino 11th dam. He is a proven sire with calves on the ground at sale time. He is a bull that we recommend to the man wanting a proven herd sire.

Also seven other top flight bulls of serviceable age, including four herd sire prospects of unusual promise.

M&S OJR Royal Domino
A Lewiston Sale Feature
by the great "OJR 10th"

... at Northwest Hereford
Sale March 10-11
at Spokane, Wash.

We will sell . . .

M&S OJR Royal Domino, sired by OJR Royal Domino 10th, and out of an Advanced A. Domino cow bought at the 1946 Colorado Classic, bred by Fred C. DeBerard. He is pictured at the right.

TT ROYAL REX 37th by Flashy Royal of Dan Thornton and Staley Hereford Ranch fame.

M&S PROUD MIXER, sired by WHR Proud Mixer A. and out of a Junior Domino 160th dam. Could you ask for better breeding?

Meacham & Sons
Culdesac, Idaho
feed for their cattle herds. Since then, irrigation by deep well pumps has become universal in the "Vegetable Valley" and has greatly increased the production of many crops as well as feed for livestock.

John and Ed Armstrong and Henry Miller, the great cattle king of California, fed the first wet beet pulp successfully on a large scale, supplementing the pulp with cereal hay and straw. Prior to this time wet beet pulp, a valuable cattle feed, was piled on the ground to rot.

In 1908 the J. G. Armstrong Company was formed and is still in operation. This family corporation is headed by John A. Armstrong, who is 86 years old. His three sons, Irvine, Max and Maitland, manage the ranching operations as well as take an active part in local agricultural affairs.

The Marina ranch, which is composed of 2,000 acres, is operated by Irvine, the eldest son, a graduate of the University of California, having majored in economics and business administration, while his father, John, is a graduate of the class of '86, University of Pacific, now known as College of the Pacific. Oat hay, oats and barley are produced on this place. This feed is used to finish weaner steers and heifers. Formerly potatoes and peas were grown on about 600 acres, but now it is devoted entirely to raising cattle and grain.

Finishing System. A unique system of finishing cattle is carried out on this ranch and shows promise of being adaptable to many other California ranches. Weaner steers and heifers weighing around 500 lb. are brought to this ranch from the Gonzales property around September of each year. The steers are supplemented on the dry range feed with about one pound of cottonseed cake per head per day and about four pounds of rolled barley. This ration is fed until the range grass becomes green and strong. At that time the cottonseed cake is removed from the ration and the barley is increased. When on full feed these cattle are receiving approximately eight pounds of rolled barley per head per day along with green grass.

About six weeks before the cattle are sold, they are placed in the fields where volunteer grain hay has been mowed and raked in windrows. Ground barley, 60%, beet pulp, 30%, and cottonseed cake, 10%, then form the ration. One and one-half pounds of this concentrate mixture is fed for each 100 lb. of liveweight and about two pounds of cottonseed cake is fed for every 1,000 lb. of live weight. This is according to recommendations made by officials of the University of California Extension Service.

Market Toppers. These cattle are finished at about 18 months of age at
These Two Bulls
Sell at Spokane
March 10-11

Two More Good Ones
sell at
Twin Falls, Idaho, Mar. 12

Many of Mark Donald 18th Sons are doing Splendid Work in some of the Best Purebred Herds of this Locality.
which time they weigh approximately 960 lb. In 1946 these cattle topped the market and sold for 13½ cents per pound; in 1947, they brought a top price of 25 cents per pound and in 1948, a third record year, they sold for 32½ cents per pound.

These 18-month old steers in 1948 dressed out 58.36% and about one-third of the lot graded “choice.” This not only shows the good job that was done of feeding the cattle, but it speaks well for their breeding. In order to produce this kind of beef, Irvine says breeding and feeding are very important. Of course the feeder plays a big part in this beef finishing business.

Irvine is rated as one of the outstanding cattle feeders of the state. The heifers, which are the culled end of the calf crop, are finished off grass on the Marina ranch with very little extra feeding. Since range grass is the cheapest of all cattle feeds, this system fully utilizes the grass and at the same time produces excellent beef when supplemented with grains. This is one of the most economical as well as profitable feeding practices. Other cattlemen in Monterey County are following the Armstrong method with equal success.

20 to 1 Ratio. The Gonzales ranches, with an area of 16,000 acres, are managed by Max and Maitland. Here cows, calves and yearling heifers are run. One-half of the bulls are turned in with the cows about Feb. 1. The other half is turned in about two weeks later. The ratio is 1 bull to 20 cows. Recently 20 head of top Hereford bulls were purchased from the Horton Ranch at Klamath Falls, Ore. Each spring the yearling heifers are culled out and sold along with the dry and culled cows off the grass.

Starting in September, breeding cows receive about two pounds of cottonseed cake per head per day on the range until the grass is sufficient to carry them. If the green feed is late starting, about five pounds of alfalfa meal per head per day is added to this ration. This provides the necessary vitamin A which helps to prevent calf losses. This practice has worked out very well on this ranch.

About five years ago a dipping vat was constructed on the Gonzales ranch and now each year along about the first of January they dip their cattle to control parasites such as ox warble fly, lice and ticks. Ten pounds of derris powder containing 5% rotenone, 10 lb. of sulfur and 4 lb. of benzine hexachloride per 100 gallons of water is the mixture used. Before the cattle enter the dip their backs are scrubbed with a stiff broom and again while they are swimming through the dip. This helps materially in controlling the ox warble fly. Max states that since the installation of the dipping vat they have not had any trouble with lice and the fly problem has been greatly reduced by the dipping procedure.

Use Beet Fields. In the fall of the year beet top fields are rented where
The Armstrongs place the cows that have calved late. Here the cows' milk flow increases and these calves do well and are almost as large at the end of the beet top season as some of the earlier calves.

The Armstrongs have been interested in improving their range feed and have been cooperating with the University of California Extension Service in experiments on reseeding and fertilization. Superphosphate and gypsum have shown much promise in increasing yields on the Marina ranch. Tall fescue, orchard grass, rye grass, Veldt grass and common alfalfa are the grasses and legumes that have done the best in this area.

Besides conducting a very fine cattle business, the Armstrongs have been active in community affairs. John was director of the California Cattlemen's Assn. for many years and served on important committees of the California Cattlemen's Assn. Irvine replaced his father as director for this area in 1938 and still holds that position. Irvine was president of the Monterey County Cattlemen's Assn. for three years and was its secretary for three years. Max served in the capacity of secretary of this organization for two years.

**Operational Efficiency.** As one talks to these "dyed in the wool" cattle operators, he is impressed by the conservative, shrewd and honest way in which they conduct their affairs. The marketing of their cattle is studied very thoroughly before any sales are made and they usually get the top dollar. Another item which makes for success in their business is the minimum amount of labor required in their operations. Two hired men is all that is needed for most of the year. Very few cattle are purchased and cows and calves are the main part of their herd. No unnecessary risks are taken. Only the best of purebred bulls are used. Scientific, economical feeding methods are practiced. Parasites are controlled. Cattle are marketed at an early age. Experiments are conducted to learn new, better and more profitable beef producing methods.

All of this, coupled with good old Western "cow savvy," makes the Armstrong cattle spread a paying, successful, enjoyable and worthwhile enterprise. It is on these cardinal principles that America has become great.

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**AMERICAN NATIONAL OFFICERS**—Directing the affairs of the American National Livestock Assn., are, left to right, Claude Olson, Ludlow, S. D.; Charles A. Myers, Evanston, Wyo.; C. K. Malone, Choteau, Mont., all second vice presidents; Loren C. Bamert, Lone, Calif., first vice president; Jack Mansfield, Vega, Texas, second vice president; F. E. Mallin, Denver, executive secretary. Seated, Arthur A. Smith, Sterling, Colo., president; J. M. Cantwright, Phoenix, Ariz., second vice president. Photo by Rod Hall.

---

**ARC HEREFORDS**

**CONSIGNING TO SPOKANE!**

ARC ROYAL D.
Calved June 22, 1947
ARC Royal D. is out of a White Mt. Royal S. 12th dam. Picture taken at age of 11 months.

A Grandson and Granddaughter of "the 51st," sired by OJR Royal Domino 67th. Their brothers and sisters helped to make the Diamond M Dispersion one of the top 25 sales held in the U. S. in 1948.

A. R. Cochran
COLFAK, WASH.

---

MISS OJR DIAMOND M, 8th
Calved June 15, 1947
Miss OJR Diamond M. 8th is out of a double bred Real Prince Domino dam and will carry the service of Diamond M. Dom, 17th, a grandson of Thornton's Safety Domino 8th on his sire's side; and a grandson of Prince Domino N. 21st on his dam's side.
That the Blacks are on the march in the Western country was evidenced again last month when Empress Bell Boy K, shown and sold by Rancheria Angus Ranch, Anderson, Calif., topped the Angus sale at Denver's National Western Stock Show. Senior Champion bull in the show, and first Pacific Coast Angus bull ever to top the Denver sale, Empress Bell Boy K is shown here with his new owners, Mr. and Mrs. Mark Cox III of the Colorado Angus Ranch, Cheyenne, Wyo.
Palomar Angus at Sacramento

March 6-7

THE EIGHT FEMALES we are selling at Sacramento are out of such crosses as Great Oaks Barmar and such foundation females as Blueblood Lady Ida 44", grand champion at the Iowa Show & Sale and Blackbird Birdie of Ida 28", reserve champion, Iowa State Show & Sale.

PALOMAR started with the tops in Angus. That is why Palomar can offer you top producers.

IN OUR FEMALES for the Sacramento Sale, we are offering another improvement. They are bred to Prince Barmar 2", a Palomar-bred bull with a championship show and breeding record.

HERE’S A TIP: Look for Eldorene Barmar 3" at Sacramento. We’ll be glad to talk to you.

Palomar Angus Ranch

THOS. R. DEMPSEY, Owner
Pacific Mutual Bldg.
Los Angeles

KEN GROSS, Manager
Pala, San Diego County, California

Ranch on paved highway, 6 miles southeast of Pala, in San Diego County
At Oxbow Ranch

**Management Pays Off**

**NESTLED** in a valley formed by the Blue Mountains within the protective slopes of old Strawberry Mountain in Eastern Oregon lies one of the most highly developed Aberdeen-Angus cattle ranches of the West. Because Oxbow Ranch is the development of a successful businessman, it shows the results of careful planning and sound business management. Ford J. Twaits acquired Oxbow Ranch in 1943. In this brief period, the buildings and corrals designed on Mr. Twaits' drawing board have been put into reality. Some buildings were remodeled and others newly built.

At the main ranch headquarters are the spacious living accommodations for Mr. and Mrs. Twaits and their daughter, Jane, Mr. and Mrs. Dick Richards, the capable managers of the Oxbow spread, and the crew of men needed to operate the ranch. In all there are 15,000 acres of deeded land under the Oxbow brand. Besides this land, grazing rights in the Whitman National Forest provide pasture for part of the commercial Aberdeen-Angus herd.

A short distance from the main headquarters is the purebred Aberdeen-Angus layout consisting of a home for George Strine, the herdsman, and practical barns and pens for the handling of the registered cattle.

Angus Blood Since 1918. Many cattlemen who have experienced the rapid movement of the Aberdeen-Angus cattle onto western ranges in the last 10 years do not expect to find herds where Angus blood has been the dominant beef breed for more than 15 to 20 years. But this is where Oxbow differs somewhat. Aberdeen-Angus cattle were founded on this ranch in 1918 by J. S. Guttridge. The Blacks have remained there ever since and were included in the transaction when Mr. Twaits purchased the ranch from the J. S. Guttridge Estate in 1943.

More than 1,250 Angus make up the entire commercial herd and 200 brood cows are in the registered herd at Oxbow. Mr. Twaits, who became interested in ranching many years before he secured Oxbow, is a firm believer in the improvement of beef cattle as well as the land. His main objective for his purebred herd is to raise a quantity of bulls with some "size, smoothness and natural fleshing" to be used on his commercial herd. Even though he gives much of his personal attention to Oxbow and spends most of the summer months here, Mr. Twaits relies on Dick Richards, his ranch manager, to carry part of the management burden.

In handling cattle on the scale that the Oxbow organization operates, it is necessary to furnish a lot of hay for the long winter months when grazing is curtailed. Even though the cattle stay out all winter long, they still require supplemental hay when snow covers the ground.

**Mechanized Haymaking.** The ranch puts up close to 2,000 tons of wild hay each year. This hay is mostly made from native grasses. It is stacked in the meadows and in winter fed on the ground. As the hay is cut and stacked, these stacks are fenced. Haymaking is so mechanized that there is never a pitchfork in the field and only the men on the stack come in contact with this tool during the haying operation.

"We windrow the hay," explained...
Manager Richards, “and then buck it into the stacks. The buck rakes are constructed on 1½-ton trucks. Two horse drawn bucks are used to move the hay to favorable locations for the motor driven bucks. Power bucks take the hay into the stacks at 10 to 15 mph.

“It is a lot cheaper to use the power bucks on smooth ground,” he continued. “Horses are more practical for short hauls around irrigation ditches and other obstacles. Stacking is done with a Jenkin’s stacker. We make a backstop on skids so it can be moved from one location to the next. The portable backstop is 36 ft. long and 15 ft. high. Our stocker can pick up the hay and drop it in six different positions at the convenience of the men on the stack.

“The advantage of the backstop is the great saving in labor. It keeps the stacks uniform in size; they usually average around 40 ft. long and 21 ft. wide, containing 18 to 22 tons of hay. We make around four stacks a day when we are in full production.

Snow Water Utilized. About 100 acres of irrigated grain, mostly oats and barley, are grown to provide part of the grain used. A definite sign of the progressive development of this Oregon ranch for increased feed production is the leveling of more fields so that snow water can be better utilized for irrigation. Alfalfa will be grown. This will not only increase the tonnage of hay grown per acre, but also increase the feeding value per ton. The tonnage per acre will be increased from one to five tons. Alfalfa will increase the protein content of the home-grown hay. Protein content usually runs from 12% to 14% for the alfalfa while the native grasses average from 4% to 7% protein.

Angus calves that are dropped in the Oxbow herd in March are weaned in the fall at weights between 450 and 500 lb. Most of these calves were branded, vaccinated and castrated before they went on the range in the spring. But those that were calved during the summer on the national forest are branded and castrated when they come off the range.

Richards emphasized what he considered as the most important management practice in handling the herd during the winter. He points out when the cattle come off the range...
WE CONSIGN ONLY TOP ANIMALS TO ASSOCIATION SALES—COME TO SACRAMENTO AND BE CONVINCED!

We're Consigning

Three Top Heifers
to the First Annual

Regional ANGUS Sale

MARCH 6-7
State Fair Grounds
SACRAMENTO

HACIENDA PRIZEMERE 55" 1072869, calved April 2, 1948.

This promising typy little heifer is excellent show material and with her good head and smooth top lines should make an ideal project calf. She is sired by our popular Eileenmere bull, Ernest of West Woodlawn, another great son of the famous Postelmire, who is producing some of the best calves on our ranch, and is out of one of our good broody Rosemere Queen Mother cows.


This excellent daughter of Postelmire has been a consistent class winner in our show string, winning several grand championships on the California Fair Circuit in 1948. Her Eileenmere sire, Postelmire, sired the Ten Best Head at the recent Cow Palace Show in San Francisco, and sired more first place winners in the 3 big shows of the Nation in 1947 than any other Angus bull in the country. Her dam is of the famous Ericas. This outstanding heifer will make a great foundation cow. She is safe in calf to Blackcaper 3" of W.W. 946873, one of our leading Eileenmere herd sires . . . bred Nov. 17, 1948.

HACIENDAMERE QUEEN 46" 1075844, calved Sept. 4, 1947.

This outstanding heifer from our show string is a sister of our 1946 Madera grand champion which sold for $1400.00. She is an excellent daughter of our leading Eileenmere herd sire Bar Woodlawn 728649, who was the winner of four Grand Championships, two Reserve Championships and fourteen firsts on the National Show Circuit, and whose pedigree traces back to the famous International Grand Champions Eileenmere 32" and Blackcap Revolution. Her dam is one of the best producing cows in our herd with great depth and width of body, short neck and legs. This typy double bred Blackcap Revolution heifer will be bred before the sale to one of our leading Eileenmere herd sires.

FOR SALE: Your choice of a number of registered heifers, recently weaned.

Hacienda de los Reyes

"IN THE HEART OF THE FERTILE SAN JOAQUIN"

Mr. and Mrs. Wm. G. VOLKMANN, Jr.
Um! Every Meal a Banquet with a VOLKMAN Pasture!

The best animal nutrition comes with VARIETY in a Permanent Pasture. Variety designed for palatability and balance, composed of the right kinds and amounts of the various adapted plant species. Proper selection helps spell out those important words “Correct Nutrition.”

We at VOLKMAN’S can help you with this and other problems of Pasture Development. Our experience, gained from thousands of acres of successful pasture plantings, is yours for the asking. Consult your VOLKMAN Dealer or write our Pasture Development Department.

BURLE JONES
Specialist in Pasture Development

For twelve years head of the California State Pasture Development Program, now associated with us, devoting his entire time to the problems of the establishment and improvement of pasture plantings. Inquiries invited. No obligation.

FREE PASTURE GRASS CHART
Simplified but complete—free on request.

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Seed Specialists Since 1863

54 UNION STREET • SAN FRANCISCO 11

ABERDEEN-ANGUS

Registered and Commercial
OUR HERD SIRE:
HACIENDA'S BLACKCAP 30th
By Bar Woodlawn by Postelmere

Bulls for Sale...
3 very typey bulls of Rosen­vere breeding, good bone and scale, 1948 calves, well developed and ample size for age.

MRS. M. P. AUSTIN, Owner
WALTER HOLMDAHL, Mgr.
Solvang, Calif.

DRY CREEK RANCH

"Livestockmen prefer Peet Minerals, because it takes less to produce the same results."
SEND FOR FREE BOOKLET
"Profitable Livestock Raising"
FOR GREATER PROFIT USE:
Peet Perfection Dip
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ARIZONA STOCKMAN
Est. 1955
FIRST IN RANCH READING!
CATTLE - SHEEP - GOATS - HORSES
$2.00 yr. — $3.00 2 yrs. — $5.00 3 yrs.
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128 North First Avenue - Phoenix, Arizona

Please Turn to Page 95

WESTERN LIVESTOCK JOURNAL
Look at Tractors Like Livestock

- All pigs have two eyes, four legs, a curly tail and a grunt. It's the proportion of parts and efficiency of production that make the differences among them. Same way, all tractors have engines and gears, axles and wheels. It's the proportion of parts, quality of materials and production capacity that put Case tractors in a class by themselves. By their records for performance and ENDURANCE they have earned the highest respect from farmers with the widest tractor experience.

Whether it's a cow that puts more milk in the pail . . . a steer that puts more meat on its bones . . . or a tractor that puts more acres behind you . . . what it really means is the thing that counts most in today's farming—higher yield per man.

With the mighty Model "LA" shown above, one man does as much plowing, disking and other heavy work as two men do with average-size tractors. He gains time in rush seasons, saves half the labor, has lower costs per acre for fuel and upkeep. His tractor has much longer life.

There are 20 great models in four power groups. See your Case dealer now. Write for tractor catalog; state size that fits your farming. J. I. Case Co., Oakland, Los Angeles.

For hauling, haying and cultivating on any farm, or all the work on small to medium farms, the all-purpose Case "VAC" is a lot of tractor at a popular price. It is a full 2-row size; pulls a 2-bottom plow in most soils, one-bottom in tough conditions.

The full 2-plow "SC" has eager engine power, sure-footed traction, and gear speeds to get extra capacity with all implements of 2-plow rating, under difficult as well as normal conditions. Its extra power gives better performance with corn picker and other power-take-off machines.

Stepping up into the 3-plow class with the Case "DC" is the way to do an average week's heavy work in four days. It's compact, easy to handle as smaller tractors. Its fuel-saving fourth gear does light work at low engine speed, reduces wear and tear, prolongs tractor life.
Cold Weather Poses Problem

By BURLE J. JONES
Pasture Specialist, C. M. Folkman & Co.

THE long continued cold weather of December and January has created a difficult problem for many graziers who planted in the fall or early winter of 1948.

It is generally recognized that legume seedlings are more susceptible to injury from frost than are the grasses. While the over-all uncertainty may have to do with the entire stand, the main source of anxiety will be as to whether or not the populations of legumes (alfalfa, clover and trefoils) will be adequate in the mixture.

There are several factors that will bear on an early appraisal of results:

(1) The percentage of the seeded legumes that had emerged sufficiently to be differentiated before they were frozen. If the percentage of these is high in a plant count over a number of selected areas and they have been killed by the frost, then it is quite probable that a spring reseeding of them will be justified.

(2) Those graziers who desire a high percentage of legumes in their pastures will find early spring reseeding of legumes a double insurance when there is any serious question as to the existing stand. On the other hand, those who want their pastures to contain 50% or more of grasses may find it more desirable to wait until next fall before reseeding, unless the evidence of legume mortality is large and definite.

(3) In all legumes, and especially the small-seeded ones, there is a rather high percentage of hard seeds. These would not generally have emerged as seedlings before the freeze. Cold, plus moisture, would serve to soften the seed coats so that a prompt emergence in growing weather may be anticipated. The later emergence of these may serve to bring the whole legume population up to what is desired by the graziers.

(4) If the emergence of legume seedlings prior to the frost was not large, then it may be assumed that their germination and growth was delayed by the cold. In this event it is quite possible that a sufficient stand of them will emerge when growing weather brings them out. Under these conditions it may be best to let the growth of the first season take its course. If legume reseeding is eventually found to be desirable it can be done next fall, especially where it can be done early—in September or October.

(5) Before all of the factors shown above can be appraised with any degree of accuracy, it may be too late to secure a good stand from spring planting. The lush spring (April) growth of grasses will have an adverse crowding and shading effect on the young seedlings emerging at that time.

(6) Several surveys of doubtful pasture stands as growing conditions return and advance will doubtless be essential before any definite opinion can be reached.

THE ANNUAL Beefland ANGUS SALE
March 21 (Night)
Davenport, Iowa

10 BULLS 45 FEMALES
Serviceable age bred and open heifers

These Angus are descendants of the breed's greatest cattle and represent the most popular families. Plan now to attend one of the leading IOWA consignment sales. Angus from nationally known herds, selling in the "Opportunity Circuit.

EASTERN IOWA
Aberdeen-Angus Breeders' Assn.

For catalog, write:
Oliver A. Hansen, Mgr., Durant, la.
Ray Sims, Auctioneer

THE Jilt Jubilee of 1949
4th annual production sale

5 Bulls 60 Females selling

TUESDAY—MARCH 22, 1949
at COLUMBUS JUNCTION, IOWA

TOP FAMILIES—8 Jilt, 7 Miss Burgess, Also Blackcap Bessie, Zara, Witch of Endor, Georgia, Juana, Barbara, Elbas and others.

TOP QUALITY—Our cattle have gone into many of the top herds in 12 states and Canada.

43 BANDOLIERS—Sired by sons and grandsons of Bandolier of Anoka 3d and 7th.

33 BRED—14 head to Eileenmore "1023," 7 head to Bandolier of Anoka 46th.

BE SURE TO GET A CATALOG—Write to FORREST LARMER, Muscatine, Iowa
MERCER COUNTY
ILLINOIS
ABERDEEN-ANGUS BREEDERS' ASSOCIATION
19th Annual March Sale
Aledo, Illinois, Saturday, March 19, 1949

28 BULLS
116 HEAD
88 FEMALES

Families Selling
3 Gammers
10 Maid of Bummers
3 Witch of Endors
11 Ballindalloch Georginas
5 Ballindalloch Jilts
2 Ballindalloch Coquettes
10 Glencarnock Elbas
4 Cridlan Evergreens
2 Juanas
1 Hartley Edella
3 Finlarig Elbas
1 Brookside Elluna
2 Enchantress Ericas
1 Eisa Erica
4 Blackcap Bessie's
7 Blackcap Effie's
8 McHenry Barbaras
13 McHenry Blackcaps
4 Pride of Aberdeens
1 Heather Bloom
2 Lady Idas
2 Kinochtry Beautys
4 Miss Burgess
2 Barbaras
1 Blackcap
5 Fourth Branch Blackbirds
3 Third Branch Blackbirds
2 Second Branch Blackbirds

In Recognition of
the twentieth anniversary of the organizing of this association, and the sixtieth anniversary of the founding of three of the consigning herds, every effort has been made to make this one of the season's outstanding offerings. Recent photos of over fifty of those animals selling will attest to this merit. Great individuals in their own right, with a background of the greatest producing strains of the breed.

Herd Sires Descend from

In the following sale circuit over 400 head of the breed's better cattle will be sold; and the dates have been arranged to meet with the buyers' greatest convenience. Purchases will be assembled to meet their buyers' wishes.

Saturday, March 19th—Mercer County Breeders, Aledo, Ill.
Monday, March 21st—Wilton Farms, Davenport, Iowa.
Monday, March 21st—(Night sale) Eastern Iowa Breeders, Davenport, Iowa.
Tuesday, March 22nd—Ocho Creek-Nau-Bartenhagen-Smylie, Columbus Jct., Ia.
Wednesday, March 23rd—F. M. Bradley & Sons, Avon, Ill.

For the Mercer County catalog write
H. McWhorter, Sec.
Mercer County Aberdeen—Angus Breeders Association
Aledo, Illinois
Otto G. Nobis invites you to
WILTON'S
"GREATEST" SALE
MARCH 21, DAVENPORT, IOWA

Bandolier 144th of Wilton
1947 Cow Palace grand champion,
whose service features the March 21 auction offering.

15 HERD BULLS
65 FOUNDATION FEMALES

You'll find it one of the best balanced and most outstanding Angus auction offerings of the year. Because you'll be buying cattle sired by or bred to Eveder's Quality Bandolier, Bandolier 44th of Wilton, Barry Burgess of Wilton, Bandolier 100th of Wilton, Bandolier 123rd of Wilton, Bandolier 144th of Wilton, Bandolier 145th of Wilton. All with outstanding showing or siring records, or both. Furthermore three of "Wilton's" BLACKCAP BESSIES will be sold. You know what Wilton's have done for A Bar A, Oxbow, Hamilton and others in the West. Put them to work for you thru purchases in this "greatest" Wilton auction.

And the sale is in this important circuit for your traveling and buying convenience:
Saturday, March 19, Mercer County Breeders, Aledo, Ill.; Monday, March 21, Wilton Farms, Davenport, Iowa; Monday, March 21 (night sale), Eastern Iowa Breeders, Davenport, Iowa; Tuesday, March 22, Goose Creek-Nau-Bartenhagen-Smylie, Columbus Jct., Iowa; Wednesday, March 23, F. M. Bradley & Sons, Avon, Ill.

Reports Too Optimistic?

I JUST returned to the ranch after seeing some of the feedlots in Iowa and Illinois. Several of these I had visited in the past. Where they have fed from one to 10 cars of cattle in the past, they now have from none to just a few cars in their lots. The reason given by the feeders with whom I talked was that the government price for corn was high enough for them and they had good storage facilities so decided to let the corn go on a loan basis rather than to feed to such high priced feeders.

I believe they used good judgment from their own standpoint as the present price trends have shown.

The area I visited appeared representative of other feeding districts, and it just seems to me that the government reports about the number of cattle on feed and the amount of beef which will be available later on this spring are too optimistic. -E. G. Hayward, Cimarron, N. M.

Informing the Public

W E have just been reading, with the usual lively interest, your "Observations" page in the January issue of the Western Livestock Journal. We always find your remarks to be stimulating and informative. They help us a lot in our over-all thinking.

The third item in the January "Observations" makes us think that perhaps we have been somewhat remiss in keeping you, and perhaps other editors of livestock journals, as fully informed as we might have.

During the past year we really beat our brains out, as the saying goes, trying to get the American public to understand some of the economic facts of life, as these concern livestock and meat. And we had thought that we were at least fairly successful . . . of course, this matter of keeping the public informed and trying to educate it is a continuous proposition and we materially are stepping up our activities.

In the doing of this you will find, when you see the material now in preparation, that we devote quite a bit of attention not only to the meat packing industry, but to the livestock industry as well—in the way of endeavoring to impress the average American with the importance of both to the nation's economy.

You may want to note particularly in the broadside how often there is
BARBARA BARWOOD —
full sister of Sherwood's Bar­
bara, our '47 champion fe­
male—the type and quality
carry on.

McMAHAN'S

Get McMAHAN'S
at the ranch
NOW

McMahen bulls, we have several dandies now for sale, will sire for you weighty, winning type, horn­
less calves. Because, they are backed by winning blood (McMahen’s have been leaders in the shows for eight years). Because, they are solid-color, naturally polled Aberdeen-Angus—fastest grow­
ing breed in America. Also for sale now, young foundation females.
You are cordially invited to visit the
KAUFMANN
FEED LOTS...
BERRYESSA ROAD.....SAN JOSE

23 ACRES, ALL PAVED & GRADED

Employing the “small corral” principle for efficient operation

ENJOY MILD CLIMATE AND PROXIMITY TO MARKETS
reference to controls, rationing, etc., and also how often the country's editors point out the dangers involved in plans for the restoration of controls, rationing, etc. This is a thing we have been hammering away at, with everything we had. Our feeling is that if enough people recognize the dangers inherent in the schemes of some politicians, Congress may see to it that such controls are not provided for.—Norman Draper, director of public relations, American Meat Institute, Chicago, Ill.

(Editor's Note: Western Livestock Journal fully recognizes the outstanding job which the American Meat Institute did in supplying the nation's press with background material which was widely used to combat unfavorable publicity directed against the livestock industry.)

Where's Snooper?

MY FATHER has been a subscriber to the Western Livestock Journal and paper for many years. I look forward every month for Snooper. The last two issues I have not seen him. What has become of him? Will he be in the Livestock Journal any more? I sure hope so.—Gwen Callaway, Bishop, Calif.

Used for Reference—

ON MARCH 1, 1948, I succeeded Burton Hutton as Farm Service Director. Since that time I have received the Western Livestock Journal, along with several other farm papers and magazines that have come as complimentary copies.

I have received more help from the Western Livestock Journal than all of the other publications combined and I often make reference to it in my Pay Dirt program.—Alvin D. Bauer, Radio Station KPOJ, Portland, Ore.

Stop Imports of Beef—

YOU may not remember me but I have met you [Nelson R. Crow] personally twice and have put lots of faith in your "Observations" and profited by same. I have worked cattle in Kansas, Colorado, Idaho, Wyoming and for the past 15 years, here in California on the Mojave river and desert. I have been a steady reader of the Western Livestock Journal and also an advertiser with wonderful results.

I have not been one of the largest operators but up until last July had one of the best cattle spreads here on the river and desert leases in California—operating up to 300 head of cattle all Polled Herefords with registered bulls heading my herd.

Due to the health of my wife and myself we were compelled to sell our cattle, our lands and our leases to Mr. Harold Smith of Silver River Ranches, owner, and Mr. Brace Tyler, herdsman. They are carrying on a very
AMES PORTABLE EFFICIENT WATERING EQUIPMENT
for 39 Years

All pipe available either in Galvanized Steel or Aluminum

W. R. AMES COMPANY, Dept O, 150 Hooper Street, San Francisco 7, California
Gentlemen: Please send me free your illustrated folder and layout chart. I am interested in
Sprinkler Flooding Furrowing

Send coupon below to nearest plant.
W. R. AMES CO.
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VALVES • FITTINGS
New & Reconditioned
Pacific guaranteed, reconditioned pipe is clean, straight, rethreaded, pressure tested to 350 lbs., asphaltum dipped. Economy priced . . . Long lasting.
Write for details and prices

Mensinger Angus
Purebred and commercial herds. Ranch located 6½ miles north of town. Phone 7-F through Farmington.
Marlo Mensinger Escalon, Calif.

Please Mention
Western Livestock Journal
When Writing Advertisers

LUCE ANGUS RANCH
MERCED, CALIFORNIA
Top quality, pasture raised breeding stock for sale.
Visitors always welcome
WILL WYRE, Mgr. Phone 3-J-12

large scale and ranching project. I have had several times intended writing the WLJ and also the California Cattleman Assn., of which we are members, about our imports of meat and meat animals—such as the 77,147 head from Canada in October, 1948, against 114 head in 1947.

Now I think you and many more know the cattlemen of the state of California and of the U.S.A. can and will produce all the meat needed for all of us if we get cooperation of the range, assurance of our products and not have to throw our cattle on the market at any old price against the Mexican doggies.

I think the quarantine of Mexican cattle for hoof-and-mouth was one of the best things that happened for a long time. Keeping the Mexican doggies in Mexico and I hope there is a continuous law that will keep all import cattle and meat out of the U.S.A.

And if our Taylor grazing leases and mountain leases are in cooperation with the cattlemen who have them with assurance of long time leases, we can all go to town with our cattle program as this enlarging of herds cannot be done in a year.

Such uncertainties keep the stockmen held back and now with the heavy losses caused by the storms we have endured it will be a long time catching up.—Fred Orebaugh, Helendale, Calif.

National Insurance—

In your October issue of Western Livestock Journal a letter from Mr. P. Hargreaves criticizes conscription.

I do not think the British and American temperaments differ to any fundamental extent, and in Britain, the home of voluntary movements, voluntary enlistment has always proved a complete and arrant failure except in times of immediate national crisis. In these days of highly specialized technical equipment of war, such time of crisis is too late.

Even with our Territorial Army, which depends entirely on voluntary enlistment, a recent intensive campaign with much beating of drums has failed to produce more than a third of the required numbers.

Those of us here, whose minds are not warped with a political bias, are bitterly realizing that a powerful defense (and attacking) force is the cheapest form of national insurance.—Eric L. C. Pentecost, Cropwell Butler, Notts., England.

A New One—

I AM a new subscriber to your magazine and like it very much. The reason for the subscription is I became interested in starting a herd of registered Hereford cattle. I purchased a few this fall and bought three from Herbert Chandler, Baker, Ore. I hope to raise some nice animals for breeding stock for this area. —Howard B. Thomason, Sandpoint, Idaho.
The James Mfg. Co. announces with pleasure that it has taken over the manufacturing plant and equipment of the Reliable Mfg. Co. of Los Angeles.

Beginning Feb. 1 the Jamesway Lines of Barn and Poultry Equipment for West Coast destination are being manufactured and shipped from the new location.

**CLOSE OAKLAND OFFICE**

The former Jamesway office at 7th East of Fallon, Oakland, was closed January 31 and moved to the greatly enlarged quarters at 3520 Medford Street, Los Angeles 33, California.

**R. N. CUYKENDALL IN CHARGE**

R. N. Cuykendall for 12 years manager of the Oakland Office will continue in charge of sales assisted by the present field force of Jamesway men now covering the Western Division territory.

The lines will be manufactured by experienced Reliable workmen familiar with operations of the plant at Los Angeles with the assistance of Jamesway personnel familiar with Jamesway products.

**PACIFIC COAST TRADE TO BENEFIT**

The manufacture of Jamesway products on the West Coast offers many very obvious advantages to the trade throughout that area.

Arrangements have been made for raw material deliveries from nearby producers of steel and related products—many within short haul trucking distance from our new plant. Facilities for handling shipments have been vastly improved by the change which together with other advantages will bring important advantages to dairy and poultry interests in that area.

*Your inquiries are invited. Please address us at the new location.*

**JAMES MFG. CO.—WESTERN DIVISION**

3520 Medford Street
Los Angeles 33, Calif.
Phone AN. 10386
MARION Speer and his lovely wife, Nettie, take an auto trip every summer all over the West—not only to see the country and visit old familiar places that they knew in their youth, but to gather specimens and rare rocks for their wonderful museum that they have built up over the years. It is housed near their home at Huntington Beach, Calif., four miles north on State Highway 39, where visitors are always welcomed free to enjoy their antiques and beautiful stones.

Mr. Speer always writes me details of their trips and the following is about the interesting one they made last summer:

"Jan. 3, 1949. Dear Frank and Sophie: It has been a long time since I wrote you, but it seems when I do have time that something comes along to stop me when I get started. This being the beginning of a new year, I am going to make your letter the first on the list and stay with it until it is done. We are all well at our house. We have my mother with us now and she has been here for three months. She will be going back to old Montague County, Texas, soon. Juanita was down from Napa over Christmas. She finished college last year and got herself a job up at Napa. I trust that you are back on your feet again. I am going to give you a general round-up of events in our lives since we last saw you.

"First of all I want to thank you for publishing your S.O.S. for me when I requested a copy of 'Out Where The West Begins.' I got so many replies that I was swamped for awhile. I got so many on cards that gave some picture of a background for the poem. Many wrote out the words in long hand. I have answered every one of the letters and wrote thanks to all who did not say anything. I have these all mounted in an album now. They were too interesting to forget. Again I want to thank you and all who sent in copies of the poem. I extend them all an invitation to come and visit us when this way and see for themselves the work we are trying to do."

"We had a most wonderful vacation last summer. As usual we planned to see all we could of historic interest. But the main purpose of the trip was to visit my boyhood home in Montague County, Texas, and the old Bell ranch in New Mexico where father worked long before he was married and until I was five years old. This was in 1890 when we drove in a wagon to the Montague County farm. We went to Phoenix, Ariz., and up to Salt River to Roosevelt Dam.

"For three years they have been short of rain in this section of Arizona. The water in Roosevelt Lake was at all-time low. It rained the afternoon we were there and I do hope it kept it up. We reached Miami, Ariz., in a heavy rain storm. We visited the three
February 15, 1949

Purebred Livestock AUCTIONEER

Freddie Chandler

CHARITON, IOWA

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Remember to say you saw it in Western Livestock Journal

copper mining towns of Globe, Miami and Superior. As you may know we did all we could to gather copper specimens for our museum and we did very good. Some 5,000 men are working there in this copper district. I first visited this mining camp in 1909.

“From here we went to San Carlos Apache Indian Reservation. We visited with Mrs. Florence Sprague, who is in charge of the hospital there. We learned that most of the Indians are taking advantage of what the hospital has to offer. Also, we found out that this particular group of reservation Indians are doing fine with cattle. Of course high prices for beef stock has most to do with their income.

“We made a 49 mile drive over the Indian lands and farms. They had real nice gardens and most of them lived in small cabins. Many of them still live in a shelter of brush and poles. We visited the three stores or trading posts. In the afternoon we went to the top of a barren mesa covered with lava stone where we hunted a small gem stone called Peridot. We found about 100. These are a beautiful pale green and are very beautiful when polished. All in all we did enjoy our stay there where we saw and got information at first hand.

“Soon after leaving San Carlos we reached Coolidge Dam. Again we saw the results of a long spell of dry weather. Water in the lake was very low but rains had started and we hope that it kept up long enough to help the range lands. From here we drove on up the Gila River valley. No need to mention any of the history that was made in this valley and how the Apache Indians did all they knew how to hold this land for themselves. It had been their happy hunting grounds for so many centuries that history cannot tell us. It was in this valley where the army under various generals fought these Indians. Forts Bowie, Thomas, Grant and others were built for this purpose. Today these are all in ruins. Your long time friend, Jeff Milton, did much of his work in this valley, not chasing Indians but running down white outlaws and doing all he could to make the land a safe place to live.”

“From Duncan we made a side trip to the copper mining town of Morenci. Again we saw a large development to take from these hills its copper. One hundred million was spent here in this great undertaking before a pound of copper was taken out. As you may know I took my schooling at the Colorado School of Mines and anything of this nature thrills me. All interesting things must end and we retraced our drive back to Duncan. In time we reached Lordsburg and our way east to Deming, New Mexico, for the night. Of course, we thought of you and Sophie as you have mentioned Deming so many times in your writings. Here we found the range lands very dry and in need of rain. Might

Peerless Pumps incorporate many advanced improvements to bring water costs down, boost efficiencies up! Quality built Peerless Deep Well Turbines offer users the latest in pump design and developments: a choice of oil or water lubricated types; capacities from 15 to 30,000 g.p.m. from wells as small as 4 inches in diameter; lifts up to 1000 feet; and the type of drive most effective for your installation—electric, right angle gear or V- or flat belt. Plan now with Peerless for all your pump needs.

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ROBERT BELL

Woodland, Calif.
add that this section was the driest we saw on our entire vacation.

"From Deming we went on down to El Paso, Texas, to again see the Texas city and to hunt agate to work here in our shop. A hard rain had fallen the night before and much sand and mud was washed down into the city from Franklin Mountains north of the city. We retraced ourselves back to Las Cruces where we took highway 70 that would lead us into the country where my father did much of his cowboy work on ranches in the country near Lincoln and Roswell. "We spent one night at Hollywood, New Mexico. This is only 20 miles from old Lincoln. It was most beautiful here as plenty of rain had fallen. Many summer homes are about these hills where I know you once chased cattle. Blazer's old saw mill still stands. We drove up Devil's Canyon to Fort Stanton. I do remember visiting Fort Stanton in 1889 with my folks while we were visiting at Lincoln. If memory is correct I saw a few Negro soldiers there. It is now a hospital for the Merchant Marine."

"FROM Fort Stanton we soon made the 10 miles down to old Lincoln on the Rio Hondo. Well, Frank, the same hills that you have seen so many times are still there. The Rio Hondo still flows down the narrow valley hemmed in by the low hills. We visited all the old places still standing that had to do with the Lincoln County War of which you know more than I do. The old Murphy-Dolan store and at one time the Lincoln County court house and jail, is still there. It is sort of a museum but much could be done to improve its purpose. Billy The Kid saloon is just across the street and still in use as a saloon. Many old objects pertaining to the early history of old Lincoln are in that saloon.

"As we drove on down the small valley of the Rio Hondo towards Roswell many thoughts came to my mind of the passing parade of the valley. The Indians, the Mexicans, the cowboys, Billy The Kid and his gang, Murphy and his gang, United States soldiers, mostly Negroes, cattle men of the time, Bell, Olinger, McSweeney, Tunstall, Pat Garret and ever so many others. It was a great land with nature in the rough and raw. Down yonder the buffalo roamed, across the valley there I well remember seeing the deer and antelope play. We often stopped to view the land and talk of its past. It is still a stock country with a paved road and fenced into smaller plots.

"It was real warm in Roswell. We visited with friends here, Mr. and Mrs. Verne C. Wheeler. Roswell has grown into a large city. Much farming is done along the Pecos River. We passed up the old John Chsum ranch and made direct for Amarillo, Texas. All the plains country of the Pan Handle seems to be one great grain field.

"When we drove across these same plains in 1890 we did not see a fence or house. We did see plenty of beautiful grass waving in a gentle breeze and antelope by the thousands. Amarillo was just a cow town in 1890 and today it is a city long to remember." 

"LEAVING Amarillo we made a direct drive over Highway 66 to the home of my only sister at Cement, Okla., which we reached in due time. Mother was here. All of us then made a trip to the old home in Montague County, Texas. We went out by way of Fort Sill, Lawton to Wichita Falls, then east to Bowie. We stopped at Henrietta to again see the scenes of long ago. Clay County is just about the same, and I noted no change in Henrietta. We stopped at one ranch
that I had known since childhood. The rolling hills are still there and the small streams are still marked with a growth of timber along them.

"Jack County is just the same land I have known all my life and stock raising is still the biggest thing there. Bowie is still at the junction of the Rock Island and Denver railroads and about the same size as I have always known it. In my young time we used to drive over there with a bale of cotton in the fall of the year. From the sale of this cotton mother would outfit her brood of children with clothes for a year. I remember the wagon yard where we used to camp.

"From Bowie we went to the old home by way of the town of Montague, the county seat. East from here seven miles on Dye creek a branch of Clear creek is our old farm. Between our place and Montague used to be 25 farm houses where large families lived. Today not a single house stands, even the old home on our place is gone. The land was cottoned to death and people had to leave for other pastures. The old clay hill sides washed away. It is slowly coming back to a cattle country. Grass is taking root and the slow process of soil building is taking place. In time the country will produce beef for a hungry market.

"We stayed for some time in Nocona. I visited with Miss Enid Justin and her Nocona Boot factory. I have known the Justin family as far back as memory will take me. Their boots have been well known in the country for many years. Her brothers run the main factory in Fort Worth, Texas. Miss Justin sent this ash tray to you and I am sorry that I have not gotten it to you before this time.

"Leaving the scenes of boyhood in Texas, we made our way back to the home of my sister at Cement, Okla. Here we followed the historic Jesse Chisholm Trail. I know what this trail means to you. I am enclosing a picture of one of the markers that the state of Oklahoma has placed at every mile along the old trail through the whole of Oklahoma. It would be well if other states could do this to mark
CONVENTION DELEGATES—Those Oregonians braved Nebraska’s snow and cold last month to attend the annual convention of the American National Livestock Assn.: (left to right) O. D. Hotchkiss, Burns, president, Oregon Cattlemen’s Assn.; Dorman Turner, Burns, secretary, Oregon Cattlemen’s Assn.; Harry Stearns, Prineville; Henry C. Gerber, Klamath Falls; and Sherman Guttridge, Prairie City.

historic trails within their borders. I hope you will like this picture.

“From my sister’s home we made a trip to Joplin, Mo. This we made to gather minerals of the tri-state district. The most beautiful crystalized minerals are found here. We gathered all we wanted for our museum. I trust that you and Sophie will get to see what all we gathered.”

“We saw a lot of beautiful country with plenty of rain to have everything up and going. The highlight of this portion of our vacation was our long visit to the Will Rogers Memorial at Claremore, Okla. This wonderful building was built by the state of Oklahoma. We plan on visiting you folks soon and will then go into detail of our visit there and all that we saw that had to do with the life and work of Will Rogers.

“Then back once more to the home of my sister we left for the return trip home. Our first stop was at old Indee, New Mexico. This little one store place was a hot spot in the early days of eastern New Mexico. Our next was on what is left of the old Bell Ranch. It is no longer the Bell Ranch but it has been cut up into several smaller spreads. It is still under fence. About all I can say is that it was a real thrill to once more go over ground where I think the most interesting days of my life were spent. Tell you more later.

“As you may know I have all of your books and I am waiting for the next two to come out so that I can add them to the four I now have. I am especially anxious to get ‘The Indians Side of History.’ I had an order made out for the book ‘Jeff Milton, a Good Man with a Gun’ when I received it as a Christmas present from Chicago. I have read it through and have enjoyed it very much as I knew something of the many events related in the book. Truly your friend, Marion A. Speer.”

This Changing World
By S. Omar Barker
Count me an ancient mariner
Upon the sea of life:
I learned to write with pencils that
Were sharpened with a knife!
Those having barren, slow breeders or Bang’s cows should write us for a list of men who would usually pay more than beef prices for good Bang’s or barren cows. The breeder can be taught how to redeem these cows. It only requires twenty minutes to make a treatment. A barren cow requires a treatment a week for ten weeks. It would be too expensive to do it. It must be done by the breeder or herdsman who is on the farm with the herd. We have ten thousand students who are actually doing this work. They have saved a million barren cows (including their offspring). This school has been under the same management for a third of a century. The medicine used in the Barren Cow Treatment will cost three cents for each calf.

We Kill Cows

We kill cows at the school, hang them up in a standing position with the sides removed, the students can see and feel with their naked hands. They are taught just how to do this work with equipment needed for this work. It matters not how we do the work—these men get results. Most of our work has been developed by this school. It cannot be had elsewhere. Ninety per cent of the barren cows that are killed at the age can be made breeders if they have not been ruined by former treatments. This Barren Cow Treatment will remove the yellow body from without damage. Most ovaries are injured or ruined when the yellow body is squeezed out. The new treatment leaves the ovary in a healthy condition and ready to be bred if this treatment is done up the cystic ovaries and leave the ovary in a breeding condition. Do not permit anybody to break a cyst by force. Seventy-five per cent of the ovaries is ovary with cows damaged. Most packing houses have cystic ovaries, quite frequently in both ovaries.

No Loss of Time in Herd

The student is taught how to diagnose pregnancy at an early date. If the cow is not with calf she is given a few treatments and bred so as not to lose time in the herd. It is from fifteen to twenty months between calving dates in the average herd. Our students produce a calf annually. Several months of time saved. Many of the high records are made with this plan. A fresh cow gives more milk than a stripper. Not one of our students has ever injured a cow when following our directions.

Bang’s Abortion Controlled

We believe we have the only successful plan of handling the Bang’s in the herd. They are necessary to separate the herd. It is not necessary to kill good cows. Hundreds of breeders have come to us in a bankrupt condition who have since developed a hundred per cent herd. The Low grade cows were butchered that should be in the breeding ranks. This is not an experiment; it has been proved for twenty years. This plan can be used for any of the cows. It should be especially used in the negative herd as a prevention. A positive cow that has cleaned up as we direct will not have any more trouble with the abortion. Any cow, not barren, will her milk flow diminish. Too many abortive cows have had the wrong treatment and do not breed. Breeders have watched thousands of abortion treatments come and go. Ours has stood the test because it is based on good common sense.

Vaccinate Calves

We teach the blood test for Bang’s (abortion) Agglutination, as good a test as anybody can make and we also teach how to bleed the calf from the vein in ten seconds. Anybody can make this test who has fair vision. A microscope is not necessary. The equipment will cost about two dollars and the expense will be about five cents for each test. The methods are demonstrated with the students actually doing the work. The breeders’ language is used; it is all made very plain. The student is also taught how to vaccinate the calves and go on with Strain No. 91 and where to secure the material. This will cost about 50 cents per head and the work can be done at the right time. The usual expense is from $5 to $10 a head for each calf from now on.

Ladies Admitted

A number of ladies have attended this school and they made good students. Many of them have done better than the average man and they enjoyed the work. There was no embarrassment as this is a clean institution. It is interesting to see the bull settle the heifers. There is a great difference in bulls. The manager of this school was the first in England, Scotland, and several other countries before it was introduced in the United States. By making necessary examinations. The caretaker can do this work with prac­tically no expense at the right time. We have translated the technical terms into the breeders’ language. An education is not necessary for a student can read his own writing he can get this work. After the barren cows are cleaned up there will be no more barren cows. We guarantee a calf annually. Let us send you a list of students in your section. We own and operate a 2,000-acre experimental farm and 500 cattle. Bank Reference.

SCHOOL HELD FIVE DAYS—TUESDAY MORNING TILL SATURDAY NIGHT

Boston, Mass. ................................ Nov. 9-14
Richmond, Va. ................................ Nov. 16-21
Jacksonville, Fla. .............................. Nov. 30-Dec. 5
Nashville, Tenn. ................................ Dec. 7-12
Fort Worth, Tex. .............................. Dec. 14-19
Cleveland, Ohio .............................. Dec. 14-19
Newark, N. J. .............................. Jan. 4-9
Harrisburg, Pa. .............................. Jan. 15-20
Chicago, Ill. ................................ Feb. 6-11
Minneapolis, Minn. ......................... Feb. 9-14
Kansas City, Mo. ............................... Feb. 15-20
Denver, Colo. .............................. Mar. 1-6
Portland, Ore. .............................. Mar. 8-13
Sacramento, Cal. ............................. Mar. 15-20
Phoenix, Ariz. .............................. Mar. 22-27
Free Return Privilege

If a student fails on any part of this work it is the fault of the student as he has a return privilege. Our method of teaching is as important as the work itself. These students get just what they have been wanting and they give extreme attention.

Money Back Guarantee

We guarantee satisfactory results. If the student is not satisfied an instructor will be sent to the farm, then if he is not satisfied the charge and tuition will be refunded. This is strictly a money back guarantee. We have no agents either on sale or commission. Each student studies and helps himself. Our students get so much more than they ever expected to get that they are under lasting obligations. Try and find one dissatisfied student. This school admits only breeders, managers, herdsmen. This school puts a top on the Agricultural College course. We have had thousands of Agricultural College graduates and many instructors, all of whom are boosters of the school. We work with nature. Quick, economical, not injurious.

Too Many Trips

The Barren Cow Treatment, Abortion Plan, Removing the Afterbirth and several other subjects can only be done with the caretaker as it would be too expensive to pay for too many trips. We work with nature. Quick, economical, not injurious. The caretaker can do this work with practically no expense at the right time. We have translated the technical terms into the breeders’ language. An education is not necessary for a student can read his own writing he can get this work. After the barren cows are cleaned up there will be no more barren cows. We guarantee a calf annually. Let us send you a list of students in your section. We own and operate a 2,000-acre experimental farm and 500 cattle. Bank Reference.
Soils & Irrigation—

Important Divisions at Davis College
Of Agriculture Move Into New Building

By F. Leland Elam

The diversity of climate and topography in California has steadily brought the soils and irrigation divisions of the University of California forward until today they are sitting near the top rung of the ladder in importance.

This continual advancement has been crowned with the completion of a new $635,000 soils and irrigation divisions home on the campus of the College of Agriculture at Davis.

It is only proper that these divisions should rank highly in importance and accomplishments for both soils and irrigation cut across all fields of agriculture. They are important factors in beef cattle production, swine, sheep and horse raising and dairying. Important facts on the growth of alfalfa and Ladino clover in relation to soils and water are only two of the subjects of agriculture.

“We are housed in an adequate building for the first time since our original home at Davis was destroyed by fire in 1938,” Dr. Frank Veihmeyer, head of the irrigation division, said at an open house held January 6. He, along with Dr. L. E. Davis, head of the soils divisions operations at Davis, revealed for the first time the facts surrounding the new structure.

Top of the Ladder. It was brought out by staff members that completion of the new building puts the University of California in the position of having the most complete soils and irrigation building in the United States at its command. The only other college that comes anywhere near having an equal setup is in Denver. They agree that no other institution of like nature has as large a staff.

“The irrigation division was established in 1916 by Frank Adams,” Dr. Veihmeyer explained, “who remained as head of the division until 1945 when he retired.

“When our building was destroyed by fire in 1938 many of irrigation records and all of soils records which were kept at Davis were destroyed. Since then we have made five moves, finally settling down in one of the oldest buildings on the campus.”

The new building was started in April, 1947. It is of reinforced concrete construction, being two stories high, 235 feet long and 52½ feet wide. The ground floor is occupied by the irrigation division. It houses 12 offices, library, constant temperature room, instrument room, storage quarters, drafting and balance room, three laboratories, and a classroom.

The second floor is occupied by both irrigation and soils. Irrigation has a student laboratory and another which is used in partnership with soils. The soils division is comprised of a large chemical laboratory, physical laboratory, a student's laboratory and five offices. There are also three graduate student laboratories and a large conference room on the second floor.

Top Laboratories. “The laboratories are the best I have ever been in,” Dr. Davis proclaims. “In every room where classes are held and experiments conducted, except in the case of the graduate labs, we have almost a solid wall of windows letting in the even northern light.”

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7 Bred Heifers
A very uniform group of modern type heifers, all calfhood vaccinated and bred to Oxbow Eileenmere 10th, by Eileenmere 638", son of the $30,000 J. C. Penney bull, Eileenmere 487".

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A lowdown, smooth bull with plenty of style and weight, sired by a top bull of Great Oaks, and whose dam was Reserve Champion at Denver in 1946.

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PRAIRIE CITY, OREGON
D. E. Richards
Manager
He pointed out that each room has sounding panels in the ceilings for control of acoustics, adequate electrical outlets properly located, overhead lighting that is recessed in the ceiling, that the building is heated and cooled over the same forced air system, and that the physical laboratory is equipped with flat tables from which there are no pipes or extending apparatus allowing for preparation of soils and reading of maps.

All of the staff is proud of the constant temperature room where plants will be grown under artificial light that stimulates daylight. Here plants and their reactions to water and soils will be tested continually. The temperature can be varied from 40 to 100 degrees automatically. Four inches of cork on all sides of the room helps in the control.

In the main hall of the building are three lighted wall recesses which are to be used as exhibit cases where papers and tools in relation to the two divisions can be displayed.

Experimental Work. A staff of 16 in irrigation and 4 in soils handles a total of about 750 students and tackles such problems in experimental work as principles of soil moisture in relation to irrigation; thermodynamic studies of evaporation from free water, soil, and plants and those that affect the outgo of water; hydrology of irrigation water supplies in California; infiltration of water into soils as affected by the quality of water applied and physical treatment of the soils; flood control investigation, and untold hundreds of other problems.

48 lb.

HEAVIER CALVES TO SELL THAN ON CAKE

That's right! In the famous feeding test at Caruthers-Campbell Ranch, Barnhart, Texas . . . 50 cows winter-fed on Purina Range Breeder Checkers weaned 48 pounds heavier calves than 50 cows fed on cake. Both groups were fed exactly the same amount, so there wasn't much difference in cost. But the 48 pounds extra weight per calf in the Checker-fed lot meant about $9.60 extra income per head as compared to cake feeding.

Here's why Checkers made earlier calves and heavier calves to sell in the fall:
- Correct protein per cent (to develop body tissue)
- Lots more carbohydrates (holds up body weight)
- More and better mineral balance
- More vitamin A (extra-high vitamin A in Range Breeder Checkers for use when range conditions are bad)

C. N. Johnston, associate irrigation engineer, left, and Robert M. Hagans, instructor in irrigation at the California College of Agriculture inspect plants growing in the new controlled temperature room, where under artificial light that simulates daylight, plants are watched as they grow in different kinds of soil under certain irrigation conditions.

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You'll like these
LOWE ANGUS
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March 6 & 7

We are consigning the following
to the Pacific Regional Show & Sale
on those dates:

1. Barboy 2d (*Kinochtry Annie),
   Bull calved June 2, 1947, by
   Eclats Ericar, out of Highland
   Barbara 3d.

2. Ada of Eliseo (Queen Mother),
   Heifer calved Oct. 15, 1947, by
   Prince Sunbeam 82d, out of Ada
   Queen Mother.

3. Eliseo Queen 2d (Queen Mother),
   Heifer calved Jan. 6, 1947, by
   Prince Sunbeam 82d, out of Queen
   233d of Hill Crest.

4. Ebony's Pride Lady 2d (Blackcap),
   Heifer calved May 2, 1947, by
   Ebony's Lad of Ida 8th, out of
   Pride's Jeronimo Lady.

5. Blackbird 6th of Jouanin (2d
   Branch Blackbird), Heifer calved
   Mar. 3, 1947, by Jouanin Eric
   4th, out of Robinhood Blackbird
   5th.

6. Evergreen J. of Jeronimo 3d
   (Evergreen Erica), Heifer calved
   May 25, 1947, by Evidence Again,
   out of Evergreen J. of Jeronimo.

Numbers 3, 4, 5, and 6 are bred to our
herd sire, Blackcap K. Jr.

NUMBER 1 was in our show string last
year as a summer yearling bull.

NUMBER 2 was our senior heifer calf and
No. 3 our junior yearling show heifer, the
latter being reserve champion at Santa
Cruz fair. All three were shown at San
Jose Monterey and Santa Cruz.

JAMES ROWLAND LOWE
Rancho del Eliseo
Santa Cruz, Cal.

*Aberdeen-Angus family name.

IDAHO SHORT COURSE MEMBERS—This photo shows part of the 65 cattlemen from
Washington, Oregon and Idaho who attended the 2nd annual Breeder-Herdsmen Short
Course at the University of Idaho, Jan. 24-26. In spite of severe weather which limited
attendance, the session was successful, plans are now underway for the 1950 event.

Carass Yields—
Grand National
Slaughter Tests

BELOW are the carass yields on
the higher grading fat animals
sold for slaughter at the 1948
Grand National Livestock Show in San
Francisco. As is so frequently the case,
the highest placing, highest selling and
highest dressing yields are not all
wrapped up in the same individual, but
the yields reported suggests the high
finish of a great majority of the fat
animals that went through the Cow
Palace show and auction rings.

Champions Cattle
Grand Champion Load, Herefords,
from Karl Hoffman, Ida Grove, Ia.,
bought by Moffat for Washington
Market at $48 cwt., yield 64.1.
Reserve Champion Load, Herefords,
from Fontana Farms, bought by Allan
& Sons for California Meat Co., at
$48.50 cwt., yield 64.4.
Champion Load Shorthorns from
Twisselman & Mallory, Cal Poly,
bought by Moffat at $36 cwt., yield 64.
Reserve Champion Load Angus from
Oxbow Ranch, Prairie City, Ore.,
bought by Swift at $36 cwt., yield 63.3.
4th Prize Carload, Herefords, from
Wasco FFA, bought by Swift at $33.50
cwt., yield 64.9.

Individual Steers
Grand Champion, Angus, from Perry
Workley, Blanca, Colo., bought by Ho­
et Claremont at $150 cwt., yield 63.5.
Reserve Grand Champion, Hereford,
from Karl Hoffman, Ida Grove, Ia.,

CHAMPION STEERS AT DENVER—Winning his fifth consecutive grand champion car­
load of fat steers at Denver’s National Western last month was Karl Hoffman, Ida
Grove, Iowa. Hoffman’s winners were purchased from the T O Ranch, Raton, N. M.,
and were shown at 901 lb. but Hoffman said the cattle were of such fine quality
and texture that he could have fed them out to 1,200 lb. without losing any of their
smoothness. Buyers for Safeway Stores paid $48 per cwt. for the champion load.

WESTERN LIVESTOCK JOURNAL
bought by Moffat for Clift Hotel at $52 cwt., yield 66.9.

Summer Yearling Hereford from Gladys L. Cooper, Tipton, Calif., bought by Allan & Son at $35.50 cwt., yield 64.8.

Junior Yearling Hereford from Gladys L. Cooper, bought by San Jose Meat at $33 cwt., yield 65.45.

Reserve Champion, Junior Calf, Shorthorn, from Acker & Mott, Cal Poly, bought by Armour at $48 cwt., yield 64.93.

Champion Summer Yearling Hereford from Snell Swenson, Spanish Fork, Utah, bought by Moffat for Plaza Hotel at $52 cwt., yield 64.

Summer Yearling Angus from Silver Belgian Farms, Hayward, Calif., bought by San Jose Meat at $33 cwt., yield 64.70.

Summer Yearling Angus from Marilyn Robbins, Le Grand, Calif., bought by San Jose Meat at $34.50 cwt., yield 64.21.

Junior Yearling Angus from George Emde, Jr., Lodi, Calif., bought by San Jose Meat at $32 cwt., yield 64.40.

Hereford Steer from Kauffman Feed-

lots, San Jose, bought by San Jose Meat at $41 cwt., yield 64.20.

Summer Yearling Hereford from Hartley & Wilson, Cal Poly, bought by San Jose Meat at $33.75 cwt., yield 64.70.

6th Senior Calf, Hereford, from Eve-
vich & Meney, Cal Poly, bought by Swift at $35 cwt., yield 64.4.

Barrows

Grand Champion, Poland China, from Rolla Bishop, Porterville, Calif., bought by Armour, yield 75.33.

Reserve Grand Champion, Chester, from A. L. Hull, Marysville, Calif., bought by Armour, yield 74.4.

8 Hogs bought by Allan & Sons, yield 76.8.

52 Hogs bought by Moffat, yield 75.5.

65 Hogs bought by Allan & Sons, yield 74.7.

64 Hogs bought by Swift, yield 72.06.

204 Hogs bought by Armour, yield 71.38.

Lambs

Reserve Champion Crossbred from Severa Wilford, Jr., Cotati, Calif., bought by Swift at $50 cwt., yield 55.7; pen 55.5.

2d Prize Crossbred from John

“...and another thing, Wilkinson—if there’s one thing I like to see, it’s a clean desk! Remember that!”
Meadowmere Farms

Offer in the
INLAND EMPIRE ANGUS SALE
SPokane, March 11 and 12

1 SHOW HEIFER by Bar Eston 9', out of Ann Elga of Shady Lane. This heifer will look good in any show herd.

2 SHOW and HERD SIRE prospects, one an October yearling.

5 QUALITY HEIFERS. All heifers offered will carry the service of either Eston Blackcap 13" or Envious Eileennere 4".

1 BULL with size many want.

Buy from the Herd Producing Champions

LENHARD BROTHERS, Deer Park, Washington

BLY'S BULLS
REED EEF

THE HEIFER is Wesdale Lady Eileennere 16", a July, 1947, yearling by Eileennere 665 by Eileennere 487.

THE BULL is a June, 1947, yearling by Eileennere 665".

Wesdale Farms
THE BLYS, Owners
Bluestem, Wash.

Selling at SPOkANE
MARCH 12
ONE BULL ----- ONE HEIFER

EILEENNERE 1051st. son of "the 500th." Our new Junior Herd Sire. Senior sire is Eileennere 665".

Remember to say you saw it in Western Livestock Journal

Nutrition—
WSC Gets Swift Grant
For Further Research

WHETHER farm animals can be intelligently selected as breeders under limited, range-type feeding conditions or when fed to the maximum was assured a long-time study as a result of a recent $10,000 grant by Swift & Co. to Washington State College, Pullman, Wash.

Receipt of the check which boosts to $30,000 the amount provided by Swift for the project begun by WSC in 1947 was announced by Dr. Mark T. Buchanan, director of the college’s agricultural experiment stations, and Dr. M. E. Ensminger, chairman of the division of animal husbandry.

The research project was planned for a 10-year period when Dr. Ensminger outlined it to Swift & Co. in 1945, and the additional $10,000 received through Dr. R. C. Newton, vice president of Swift, will continue the work for the next four and a half years.

Research Classic.

"In our judgment," Dr. Ensminger commented, "this fundamental bit of research will be among the classics in research."

The WSC research leaders said an answer to the problem of whether breeders should spend money for feed in order to develop and feed their animals to the maximum is one possibility. Another is whether maximum progress in animal breeding can be made under suboptimal nutritive conditions often typical of range areas. And more may be learned as to just

Young, Cal Poly, bought by Swift at $26.25 cwt., yield 54.9; pen 55.9.
Reserve Champion Carlot from Howard Vaughan, Dixon, bought by Armour at $32 cwt., yield 55.
2d Prize Southdown from George Crane, Santa Rosa, bought by Armour at $26.50 cwt., yield 55.25.
Champion Pen, Wether Lambs from Severe Wilford, bought by Allan & Sons at $63 cwt., yield 59.3.
2d Prize Southdown from George Crane, bought by Allan & Sons at $26.50 cwt., yield 58.2.

"Before we buy, my husband wants to see how long it'll take to catch his train mornings."
how effective are surroundings in molding body form and habits.

WSC is using swine as the experimental animals simply for convenience. Their length of generation is shorter than in other animals. Swine are litter-bearing animals and prolificacy can easily be measured, and it has been shown that varying nutritive levels profoundly affect the relative rates of development of fat, lean, and bone in different body regions of the pig. The results obtained will be applicable to all classes of farm animals in all sections of the United States.

Need Less Time. The state college research men believe they can obtain results with hogs in about 10 years and estimate it would take about 25 years for sheep and at least 50 years for cattle. Approximately 40 to 50 sows are being bred in each generation of the experiment. The first group farrowed in September, 1947, and the second is farrowing and weaning now.

Dr. H. H. Brugman, WSC assistant animal husbandman directing the study, said there are some very distinct differences between the sows at weaning in the high and low-plane groups. He emphasized that his comments form only a subjective analysis because not enough data is available yet for an objective analysis. He said the low-plane sows are in a very poor condition but appear to do a good job of raising their litters.

The project was started under the direction of Dr. E. J. Warwick, former WSC staff investigator who has since joined Purdue University. From the start an advisory committee of research men and one representing industry have taken part.

USDA Grass Seed Yields
Up to 800 Lb. An Acre

Satisfactory yields of up to 800 lb. an acre are reported in the grass seed harvest at the USDA Inland Empire nursery at Washington State College with operations now about half completed.

Nursery Manager John L. Schwindiman said that approximately 40,000 lb. of native and introduced grass seed is produced annually for distribution in Eastern Washington, Northern Idaho and Eastern Oregon and that an increasing demand for foundation seed has been noted.

Some of the seed is distributed through crop improvement associations for certified seed production, but the greatest portion is used directly in soil conservation districts for erosion control plantings in mixtures with sweet clover and alfalfa.

The seed going into the districts is used for two purposes. Some is for field planting trials which represent the final stage of testing; and some are new species turned over to cooperating farmers, with the understanding that the bulk of the seed he produces will be reserved for neighbors.
flies and lice. The common house fly is controlled by spraying dairy barns, hog lots, manure piles and other known breeding places.

Maxwell said Professor M. A. Stewart, a University of California veterinarian, developed formulas of mix and pressure needed in 1939.

Pioneer Sprayman. Assistant Siskiyou Farm Advisor Sedg D. Nelson, then in Merced County, conducted the first spray tests in the state on the Kelsey Ranch during the winter of 1939-40. Minus a spray rig, he carried a mix in a bucket and scrubbed it on infested animals with a stiff brush. Maxwell became convinced of the importance of spraying in late 1939. He had a large-scale program organized in Scott Valley by early 1943 but was forced to call it off as rotene was unavailable.

In 1944, the FFA boys sprayed 10,000 head before its ambitious program to spray all county cattle came to an abrupt end. The school district found its Future Farmers were too young to be covered by insurance. Danger of an accident and a resultant damage suit against the school or a cattleman was too great a risk.

The Farm Bureau program organized by Maxwell got under way in earnest in 1945 when a total of 21,000 head were sprayed twice and 5,000 three times, with two tankers in use. In 1946 the four rigs sprayed 23,000 head in both valleys.

By 1947, the portable spray chute had come in. In tanker days 10 or 12 cattle were jammed into a small pen. Men on planks above them sprayed down on their backs.

The chutes, costing about $1,200 and applying spray under varying pressures, simplified the job. That is why, in 1948, about 28,000 cattle were sprayed in Scott, Shasta and Butte Valleys. This was the first year spraying was done in Butte Valley.

Custom Work. By last year a number of ranchers, including Dillman, had chutes and did custom spraying. Farm Bureau rigs were, and still are, rented out on a flat fee per head basis.

Maxwell said figures for 1948 are not yet available but he estimates at least 32,000 head, or over half the Siskiyou cattle, were sprayed between three and five times. Returns to cattlemen, measured in dollars and cents, have been incalculable.
dropped most always in March and April.

**Bulls Go First-Class.** When cows are well-fed during the winter, they develop strong normal calves. Angus cows usually have a good flow of milk when the calves are dropped. A profitable part of the breeding program for the commercial operation is the handling of the bulls, believes Twaits and Richards. Since the mountain breeding pastures are a good 25 miles by mountain trails from the ranch headquarters, the bulls are trucked to these pastures so they will be in top breeding condition. This makes for easier handling of the herd on the mountain trail, too. The herd is moved into two separate bunches: Cows and calves, and dry cattle. Cows with calves less than 10 days old also are trucked to the mountain meadows.

After a few weeks in the mountain meadows adjoining the national forest, the entire herd is turned up on the forest to graze. A short grazing period on the mountain meadows allows most of the cows to become settled before reaching the range.

Mr. Twaits is vitally interested in the establishment of new herds of Angus in the West and enthusiastically cooperates with 4-H Club and FFA members by supplying steers for their project work. More than 100 calves are placed in the hands of junior feeders each year.

Ranch Manager Dick Richards is long experienced in livestock production, having served in Grant County, Ore., as a county agent. For five years Richards served as livestock specialist for Montana Extension Service at Bozeman and later managed the Eastern Oregon Livestock Experiment Station at Union for 14 years, handling steer feeding trials for OSC.
When an auctioneer recently announced at a sale that the next lot of cattle were completely lice and GRUB-FREE because they had been sprayed with a Rickey Spray Chute and Backgrubber, they easily brought 2¢ per pound more.

2¢ fine spray nozzles force 140 gallons of insecticide per minute on the livestock passing thru a Rickey Spray Chute.

Safe for your largest cattle.
Its Higher! It's Wider! It's Stronger! Dependable screening—no moving parts to wear out.
Strong agitation through entire 350 gallon tank. Backgrubber gives 99% grub control.

A Quality Product
More for Your Money

WRITE FOR FREE FOLDER AND DEMONSTRATION

REMEMBER IT'S PORTABLE!

C. T. RICKEY & CO.
2059 MARKET STREET
SAN FRANCISCO 14, CALIFORNIA

FAMOUS FEATHER RIVER RANCH
Improved with Superior Californias finest ranch home, 350 acres Feather River loam suitable for alfalfa, bees, lettuce, tree fruits, ideal for registered cattle ranch. Rambling brick ranch type. Four bedroom home with beauti ful solarium, game room, walk-in freezing room, 4200 sq. ft. living area completely furnished with custom built furniture costing over $25,000.00. Due to financial demands ranch and home to be sold at less than home and furniture reproduction alone.

Contact H. M. Harter, Farm Land Department
Jones & Brand & Hullin, Inc.
725 J St., Dial 2-8864
Sacramento, Calif.

BULLDOZE THAT BRUSH
Continued From Page 38

Many of the implements now being utilized are new to land clearing practices and, perhaps, some light can be thrown on what can be hoped for in accomplishment by portraying what has been accomplished elsewhere in the application of such tools.

For purposes of comparison, the tremendous strides in the extension of usable pastur­eland in Texas and other Western states might well show what success may be expected from the application of such land clearing equipment in the Western states.

In Texas a full line of tools has been put to work, running the gamut from the established bulldozer blade and the heavy duty disk to the root rake and stumper, the conventional tree dozer, and a variety of items which originated with the individual land clearing contractor or rancher and advanced from the "Rube Goldberg" stage to a stock manufactured item. Stinger blades and V-type plow arrangements blend the cutters abonder.

Stationary Goal. But whatever the type of implement used, the goal is always the same—and the results have been sufficiently productive as to serve as a prosecution witness in the case of effective land clearing.

Down around Glendewater where cactus and brush grow with profusion, T. W. Lee decided that too much of the land was going to waste. He took a Caterpillar Diesel D8 Tractor equipped with a tree dozer and went to work. Lee devotes his business exclusively to land clearing and has been doing it for years. He owns one of the oldest land clearing businesses in Texas. The tractors are equipped with a heavy prow that clears the underbrush, and over that a stinger blade to reach the larger growth.

Another D8 is working down around Alice, Texas, Horace Moos owns 11,000 acres about 20 miles southwest of Freer on which he raises cattle. Mr. Moos works his tractor equipped with a Trackson Tree dozer to clear mesquite, black bush, quahilla and prickly pear at the rate of two and one-half acres an hour. In this section of Southern Texas, a great deal of land is needed for cattle grazing and any additional acreage that can be claimed for pasture gives the cattleman that much more room for that many more head. After a tree dozer does a good job on this arid land, the bulldozer is a must for stockpiling the cut brush. With this combination, Moos opens more land for pasture.

Two-in-One. A tractor equipped with a tree dozer or a blade is not the only equipment used to clear pasture land in Texas. Many times, farm machinery is brought into play on the operation. Of course, the land has to be prepared after it is cleared in order...
to plant pasture growth, and many times this operation is done at the time of clearing, making the two operations almost simultaneous. Elliott Roberts of San Benito uses this method. He takes a D7 with a hydraulic bulldozer to clear the land and uses a Towner heavy duty tandem disk to do both jobs. The disk, being heavy duty type, also aids in chopping the brush. Roberts clears and works between two and three acres an hour.

Now comes the unusual in land clearing. This method has been tried and found successful in the banana land of the Dominican Republic where the impenetrable growth of cactus and brush would take generations or even centuries to clear by hand. Texas has imported it to be used where the going is really rough. On this particular job, a 400-foot, heavily weighted cable is dragged between the two D8's and the U-shaped cable breaks, uproots or flattens the cactus and mesquite. Often the trees are bent to the ground without being broken off, so a pass is made over the same land from the opposite direction to complete the job.

Eye-Opener. Although the above mentioned methods are carried on in Texas, they are typical of clearing operations throughout the United States, wherever pasture land is needed. Maybe the treedozer, the bulldozer or the cable is used, but whatever the tool is, more pasture is being opened yearly by these methods. The growing interest in reclamation is opening the ranchers' eyes to the possibility of reclaiming that worn and brush-ridden land by the use of modern machinery in quick order and at a low cost. Cattlemen are no longer contented to ignore the poor land and write it off as a necessary evil—today it's "bulldoze that brush away!"

DENVER BUYERS—Bidders at the National Western feeder cattle auction in Denver last month were: Center, D. E. Alexander, prominent cattle feeder, Napa, Calif.; left and right, Dick Boyle and Harvey McDougal, operators of Fontana Farms, Collinsville, California.

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Remember to Mention
WESTERN LIVESTOCK JOURNAL
When Writing Advertisers
BEEF BUILD of the FUTURE

BELL BOY A. 10th

Our Consignment of

4 head to the Sacramento Sale, March 7,
will include one of our outstanding heifers

BARBARA of ANGUSTORRA 30"

A DAUGHTER OF BELL BOY A. 10" AND SELLING BRED TO THE
CHAMPION, KADET PRIDE.

A. L. WAUGAMAN, Owner

WATSONVILLE, CALIFORNIA

ANGUSTORRA RANCH
MARCH 8

is the date
to select your
✓ HERD BULLS
✓ RANGE BULLS
✓ REPLACEMENT FEMALES

80 Herefords . . . Selling at our Ogden Ranch

in our 3rd Annual Sale

60 Bulls

An outstanding set of young herd bull prospects and range bulls especially set aside, early last year, for our third annual sale. The range bulls are big rugged individuals ready to go to work. The herd bull prospects are the best we’ve ever offered, and carry the best bloodlines represented in Peterson Brothers’ Herefords.

20 Females

Young females you’ll be proud to own. We’ve picked them from our replacements for this sale and bred them to an outstanding bull, Larry G. Domino 6th. Seeing these heifers, studying their breeding, and seeing Larry G. Domino 6th will impress upon you the exceptional buying opportunity.

These 80 Herefords represent the tops in our production. Write now for your copy of the sale catalog.

H. B. SAGER, Auctioneer

PETERTON BROS.

“Herefords of Quality”

OGDEN, UTAH

STAR VALLEY, NEVADA
You can make your plans now to participate in Western Livestock Journal's annual California Beef Cattle Tour. Arrangements are now being made with California breeders and cattlemen for a 12-day tour which will visit more than 60 cattle ranches, feedlots and other points of interest to cattlemen.

The tour will start Sat., April 16, at Berkeley, head south along the coast country, then through San Fernando Valley, north through the San Joaquin and Sacramento Valleys to the Red Bluff country, then back over the northern coast area to San Francisco. There will be more than 2,000 miles of travel.

The Tour is carried along on a strict time-table. When a visit is made to a ranch, arrangements have been made in advance for parking cars. Then the WLJ loud speaker is set up at a central location; the owner and his assistants are introduced; a quick summary of the type of operations is given; animals are led out for inspection; a study is made of the breeding herd and visitors are shown the actual animals that are being held as replacements, whether a registered herd or commercial herd; pastures are discussed and visitors usually are permitted to go into pastures and are told of the value of various pasture mixes; feeding and care of calves and sale animals is discussed. Questions are invited and quickly answered. Owners like to have this opportunity to discuss operations before a large number of people and never hesitate to answer the endless variety of questions asked.

Varied Operations Seen. A special effort is made to include every type of ranch operation and every breed of cattle, both registered and purebred. An important feature every day will be a study of management operations, including the use of irrigated pasture mixes in conjunction with range and dry pasture operations. Commercial feedlot operators will discuss their feeding mixes and the type of steers handled, and the results from various methods and rations used.

And along with the fascinating operations reviewed, there will be luncheons, barbecues and meetings where practical operators will discuss the livestock situation, their own operations and industry problems. One stop will be at a meat packing plant.

As usual, Western Livestock Journal will make hotel reservations for all who wish to take in the entire tour, or any part of it. This year, arrangements have been made to charter a large bus so that those who do not wish to drive their cars may arrange for very comfortable and economical transportation. So that tourists will get the most out of the tour, the bus will have a microphone and loud speaker so that between stops, there will be opportunity to discuss ranches and ranch operations, and tourists will have opportunity to become better acquainted. Details on the cost of bus transportation will be printed in weekly issues, and in the March feature edition.

The Way to Learn. A number of interesting events have already been scheduled along the route. Those who have taken part in previous tours say that they have learned more about the California beef cattle business in a week or so than they could learn in any other way.

The tour has been termed a "University on Wheels" by such men as Dr. Geo. H. Hart of the University of California. Western Livestock Journal

How would you like to have this battery of bulls working in your herd?

AH! BUT IT'S NOT IMPOSSIBLE!

Don't mistake us. These bulls are not for sale. But we can, and will, share their service with you. We'll do it in our annual sale this fall. We'll sell heifers, a lot of them, good ones, bred to the four above top sires. What better way, what cheaper way could you find to put on your ranch calves by bulls of such merit?

Greenfield Hereford Ranch

A. H. KARPE, Owner, BAKERSFIELD, CALIF.

10 miles south on Highway 99

WESTERN LIVESTOCK JOURNAL
Domino
Heir L. 121st
Our $10,000 herd sire purchased from Patterson Land & Cattle Co., Bismarck, No. Dakota.

ANNOUNCING . . . .
Our First Annual Action Sale
Monday, May 2, Grass Valley, Oregon

40 FEMALES
bred heifers, cows and calves. A few bred to Domino Heir L 121st, our $10,000 Patterson-bred bull. Most will be bred to OJR Royal Star, a grandson of OJR Royal Domino 51st. The cows are in calf to a grandson of WHR Safety Domino 8th.

10 BULLS
All junior yearlings by White Mt. Royal S 12th by WHR Safety Domino 8th.

PROVEN HERD SIRE
Hartland Domino 6th by Donald Domino 16th. His daughters are strong in our herd and may be seen sale day, or any time you visit the ranch.

We are digging deeply into our herd for this offering but with our new show and sale barn, we want to offer a quality group of cattle with the expectation of making this an annual sale at the ranch.

H. B. SAGER
Auctioneer

MILLER & TEALE, Sale Mgrs.
W. 807 Shoshone Pl.
Spokane 9, Wash.

GOLDEN HILLS RANCH
HAROLD D. & CECILE EAKIN, Owners
GRASS VALLEY, OREGON
Here's a view of the 1948 WLJ Beef Cattle Tour crowd looking over the registered Herefords at the John Crowe Ranch, Millville, Calif. This year's tour will visit 60 ranches.

is proud of the excellent cooperation extended each year by such educators as Dr. Hart and other members of the College of Agriculture staff, farm advisors, commercial interests, breed associations, breeders and cattlemen.

Look for complete details on the Tour Itinerary in future issues, and a complete review of the Tour in the March Feature Issue of WLJ.

And for a real vacation, entertainment, good times and a better knowledge of California beef cattle operations, make your plans now to take in all, or as much of the Tour, as you can arrange to do. You'll enjoy every minute of it; you'll be surprised how much you learn! Write WLJ for details.

Poison Weed —
Tansy Ragwort Is Deadly to Livestock

D R. J. N. Scott, Department of Veterinary Medicine, Oregon State College, has reported on a request for information about tansy ragwort.

He says that it is becoming one of the most important poisonous plants in the state and that it has caused serious trouble in several Willamette Valley counties. He believes cattle will not eat it unless there is a shortage of other forage. It is reported not to be dangerous to sheep.

It appears to be lethal at all times of the year and also when mixed with hay. The poison is cumulative and animals feed on it for some time before symptoms appear. After the symptoms are noted they do not last long. The appetite remains even after the animals are quite sick.

Various treatments have been tried without success. The plants should be pulled up and burned.

It is credited now with causing the so-called "walking disease" in horses and appears to bring a hardening of the liver. The liver is most affected in cattle also.

At a distance it resembles goldenrod, with bright yellow blossom clusters. It may be pretty, but it is dangerous.

HALEY HEARTY HEREFORDS

Only California Herefords shown in Kansas City and Phoenix

And They Won

[Image of two reserve champions]

Two Reserve Champions

JJ GERTRUDIS (left) reserve champion female in the strong Phoenix show; 2d in class of 76 at Kansas City, beating heifers from most outstanding herds of the United States; 1st at the Cow Palace.

JJ LARRY DOMINO 4th (left) reserve champion bull, 48 California Hereford Assn. Show. Another good headed, mellow, thick product of MW Larry Domino 200th.

Breeders are cordially invited to see these "200th" cattle at Escondido.

Jack Haley Hereford Ranch

ESCONDIDO, CALIF., AND PALOMAR MOUNTAIN, CALIF.

Jack Haley, Owner • B. Toub, Business Mgr. • Walter McRobb, Manager & Herdsman

WESTERN LIVESTOCK JOURNAL
5th Annual Hereford Sale

Ellensburg Roundup Grounds Washington
February 27 and 28, 1949

Show 1 PM, Feb. 27 ... Sale 11 AM, Feb. 28

Quality

ANNUAL Hereford

ElleNSburg Roundup

Washington
February 27 and 28, 1949

Show 1 PM, Feb. 27 ... Sale 11 AM, Feb. 28

Quality

34 Bulls
29 Females

BREEDING

From Staley Hereford Ranch
Bought by Francis Hereford Ranch

BREEDING

From these Consignors:

ALDARRA FARMS, Seattle, Wash.,
WM. BELLANGER, Bremerton, Wash.,
DIAMOND DOUBLE L RANCH, Ellensburg, Wash.,
GEORGE M. FRANCIS, Randle, Wash.,
HOOKER FARM, McMinnville, Wash.,
MATSON HEREFORD RANCH, Naches, Wash.,
FRANK A. RICHES, Buena, Wash.,
DONALD RITZSCHKE, Goldendale, Wash.,
L.K. SMITH, Goldendale, Wash.,
C.W. SHERMAN STOCK FARM, St. Helens, Ore.,
GUY GRIFFIN, Oakesdale, Wash.,
HAYBROOK FARMS, Port Angeles, Wash.,
A.Y. HARREL & SON, "Willow Brook," Ellensburg, Wash.,
C.H. ROBERTS & SONS, Ocosta, Wash.

34 Bulls
29 Females

Consignors:

From Staley Hereford Ranch
Bought by Francis Hereford Ranch

34 Bulls
29 Females

Joe Muir, Extension Agent, Washington State College, selected the consignments. Herbert Chandler, Baker, Ore., will again officiate as judge.


SALE MANAGERS: Miller & Teale, W. 807 Shoshone Place, Spokane, Wash.

AUCTIONEER: H. B. Sager, Bozeman, Mont.

North Pacific Herdford Breeders' Association

N. C. Jamison, President, Medina, Wash.
Sale Headquarters: Antlers Hotel, Ellensburg, Wash.
Pampas Grass—
Widespread Use of New Plant for Perennial Dryland Pasture Seen

By PAUL E. LEMMON & PETER W. TAYLOR
Manager Southern California Nursery Unit and Range Conservationist, respectively, USDA, Soil Conservation Service, San Fernando, Calif.

PAMPAS grass can be used for perennial dryland summer green pasture. It supplies green, palatable and nutritious feed when range areas are dry. During October 1948 a 2-year old dryland pasture planting of pampas grass in the Quail Lake Soil Conservation District in Ventura and Los Angeles Counties, Calif., furnished per acre one month of grazing for one animal. This is in an area which normally has about 15 inches of rainfall annually. During the 1948 season only about 4.4 inches fell. This animal unit month per acre of forage is equivalent to about 800 lb. of good alfalfa hay. When properly fed it means about 80 lb. of beef. You can use current market prices to calculate the returns per acre.

Farmers and ranchers in the Quail Lake Soil Conservation District know that this method of calculating value is only partially complete. Supplies of green pampas grass in late summer and early fall, relieves pressure on natural ranges and allows them to build back to productive state.

A 2-year-old dryland planting of pampas grass being grazed in October, 1948. on the Quail Lake Soil Conservation district. Supplying green feed in late summer and early fall. It relieves pressure on natural ranges and allows them to build back to productive state.
Champions—

18 times in past 24 years

Proved:
by breeders and
cattlemen everywhere,
the best bulls
for the most
beef production
Uniformly good!

Wyoming Hereford Ranch
Cheyenne
Bob Lazear, Mgr.
Eldon Buffington,
in charge of Carlot Bulls

1949 Champion
(below)
Sold to the following
breeders and cattlemen
in 7 States & New Zealand
Clarence Currie, Livermore, Colo.
J. W. Fitzgerald, Melbourne, Ia.
Emmett Lefors, Pampa, Tex.
Fred Neeland, Hemingford, Neb.
W. F. Pitt, Crownpoint, N. M.
A. V. Tyrrell, Cheyenne, Wyo.
Windy J Ranch, Franktown, Nev.
R. F. Hutchinson, New Zealand

in Denver
carloads—
the greatest
bull show
in the world.
Breed the Horns Off with
POLLED HEREFORDS

Buy Them in the Columbia Empire Polled Hereford Sale
MARCH 6 & 7, 1949
WALLA WALLA, WASH.

CHAMPION BULL, 1948
VICTORY DOMINO 21st
Consigned by Roy Robinson, Heppner, Oregon
Purchased by Floyd Worden, Heppner, Oregon

BREEDER-MEMBERS of this Association approach their Fourth Annual Sale with a feeling of pride in the fact that they are offering the quality of cattle that will dignify the Hornless Hereford Movement.

In bringing about real progress in the breeding of Modern Polled Herefords these men have not stinted either in their purchases of herd sires or foundation females.

For that reason they are in a position to offer in this sale the improving influences that will be helpful in purebred and commercial range herds. The small farmer can get good values here, too.

See the list of consignors on the opposite page.

NOTE: Sale Cattle will be Judged by WALTER LEWIS, Larned, Kansas

Secretary
J. L. GEYER
Baker Bldg.
Walla Walla, Wash.

Auctioneer
H. B. SAGER

Sales Managers
MILLER & TEALE
West 207 Shoshone
Spokane, Wash.
Mr. Marion A. Speer, whose report of his summer tour of the Southwest appears in the Longhorn section of this issue, sent me a photo of Jesse James after he was shot, and he adds the following: "Much has been said and written in the past few months about Jesse James. I am enclosing a picture of Jesse James taken a short time after he was called. "This picture has been in Mrs. Speer's family since it was made a very short time after Jesse was killed. Her grandfather, William Dutcher, lived within two blocks of the James home. The story on the back of the picture will give you the facts as they actually happened. I thought that you might like to see this. You folks keep this picture until we get up to see you, which I hope will not be long. Both of us extend the season's greetings to both of you. With all of this I remain, truly your friend, Marion A. Speer."

On the back of this photo of Jesse James is written the following by Zora Dutcher Smith, a daughter of Mr. and Mrs. W. P. Dutcher, which is self-explanatory. It reads, "This picture was taken a few minutes after his death and Mr. James personally presented it to our uncle, Edward Dutcher, he being their paper carrier at that time and was delivering the paper just after Jesse was shot, and Mrs. James called to him just as he arrived at their door to run errands for her, such as getting the doctor, police, etc., which he did.

"Our grandparents, Mr. and Mrs. W. P. Dutcher, lived within two blocks and neighbored with the Howards, as they were known in St. Joe, Mo., for over two years and thought them grand people never once thinking that they were the Jesse James family. Zora Dutcher Smith."

I am wondering what them old fellers looked like at the time Jesse was assassinated by Bob Ford. All them old rascals who claim to be Jesse James are seeking is publicity and the few pennies they pick up from folks who know nothing about the matter, and care less. Let's be sure to keep the record straight.

* * *

The archaeologists are digging up facts of the old world and now one of them fellers named William H. Sears has dug down into the 11th Century and found some 11th Century Indian culture that a heap of folks didn't know existed. Here is a story I read about in the L. A. Examiner for Oct. 24, 1948, like this, "BLAKELY, Ga. William H. Sears is a man with a profound attachment to the artifacts of life. An artifact is a man-made object and, archaeologically speaking,

### LIST of ENTRIES for the COLUMBIA EMPIRE POLLED HEREFORD SALE

**WALLA WALLA, Show March 6, Sale March 7**

<table>
<thead>
<tr>
<th>Consignors</th>
<th>Bulls</th>
<th>Females</th>
<th>Total</th>
</tr>
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<tbody>
<tr>
<td>Sam Aim, Orangeville, Idaho</td>
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<td>F. &amp; R. Callender, Cascade, Idaho</td>
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<td>Herbert &amp; Lewis, Enterprise, Ore.</td>
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<td>J. L. Geyer, Walla Walla, Wash.</td>
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<td>Dick Hibberd, Imbler, Ore.</td>
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<td>Armond R. Jeffs, Long Beach, Wash.</td>
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<td>Kirk &amp; Robinson, Heppner, Ore.</td>
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<td>Herbert I. Minzel, Colville, Wash.</td>
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<td>Harvey Niemela, Centerville, Wash.</td>
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<td>Roy Robinson, Hardman, Ore.</td>
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<td>R. A. Swanson, Olympia, Wash.</td>
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<td>Roy Taylor, American Falls, Idaho</td>
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<td>Tom Webb, Gifford, Idaho</td>
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<td>Albert Reiha, Edwall, Wash.</td>
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Totals: 45 Bulls, 38 Females, Total 83
Our Consignment to the
Columbia Empire
Polled Hereford Sale
Walla Walla, Wash., March 6 & 7

1 Junior Yearling Bull
2 Senior Bull Calves
1 Junior Yearling Heifer
Bred to
Alf. Choice Domino 22d

SANDRIDGE POLLED HEREFORDS
Mr. and Mrs. Reed Taylor
Alicel, Oregon

WE WILL CONSIGN
TO THE

COLUMBIA EMPIRE
POLLED HEREFORD
SHOW & SALE
March 6-7, Walla Walla

FIVE OPEN HEIFERS
ONE BRED HEIFER
bred to UH Comprest 5th by Comprest Conqueror 4th 3565005; dam, UH Beth 1st 4018687

FRANK & ROBERT CALLENDER
Cascade, Idaho

GOVER RANCH
Registered
POLLED HEREFORDS
Drop around at the ranch and see the outstanding calves by our Real Plato Domino 46th.
Rt. 1, Box 815, Anderson, Calif.
W. C. "Buck" Gover

Polled "A Few of the Best"
Herefords
JOHN E. RICE
Sheridan, Wyoming

Remember to Mention
WESTERN LIVESTOCK JOURNAL
When Writing Advertisers

usually refers to the odds and ends left over from past civilizations.

"All summer long Sears, who works for the University of Georgia, has been poking around the mysterious mounds of Early County in southwest Georgia, right next to the Chattahoochee which is the border with Alabama.

"Now he has dug up evidence of a hitherto unknown race of American Indians who reached a fairly high level of civilization around the 11th century. The results of his labors show that the mound site, soon to be dedicated as a state park, was occupied at one time or another by three groups."

"In probable chronological order these were the Weeden Islanders, the Unknown and the Lamar cultures. Of the three, says Sears, there is every indication that the Unknown group occupied the site the longest.

"Pottery remnants, plus the existence of the mounds, has led Sears and other archaeologists to suspect contact, however remote, with Mexico where the temple mound culture reached its highest peak in America.

"There are eight mounds in the park, one big one surrounded by seven smaller ones. There almost certainly was a full-time, permanent priesthood which administered the temple and conducted ceremonies, possibly connected with crop growth and fertility.

"All three of the Indian groups were agricultural peoples. They hunted, of course, using bows and arrows, spears and stone hatchets, but they also cultivated the land extensively.

"Remnants of the pottery of the Unknown Indians dug from ancient refuse pits show they carved neat and intricate designs into wooden stumps and then pressed these into the soft clay. 'These designs,' says Sears, 'resemble scrolls, bull's eyes set in squares or diamonds, snowballs, etc.'

"Precisely what is in the mounds has yet to be determined, but from previous experience Sears thinks the smaller mounds may be connected with
We Are Consigning 4 bred daughters of last year's Reserve Champion Donald Worthmore and one herd bull prospect, all by "The Battle" to the Columbia Empire Polled Hereford Show & Sale March 7 at Walla Walla.

featuring the Get of ALF BATTLE DOMINO 49th 3785929.190171, a National prize winning sire whose full sister, ALF Rose Battle, was grand champion.

THE WHITEFACE RANCH
GEO. J. & KNIGHT GALVIN, Props.
CECIL MATTOX
Herdsman
Centralia, Washington

The 1949 COLUMBIA EMPIRE POLLED HEREFORD SALE at WALLA WALLA, WASH., MARCH 6 and 7 WILL FEATURE OUR CONSIGNMENT:

THREE TWO-YEAR-OLD BULLS, all sons of Spidel 430th—Bullion Choice 92d, AO Bullion 87th and AO Bullion Lad 93d, the last mentioned a full brother to the Reserve Champion of the 1946 Columbia Empire Sale.

ONE YEARLING BULL, Banner A Domino, sired by Banner Domino 17th.

TWO TWO-YEAR-OLD HEIFERS—AO Lady Perfect 33d and AO Lady Grandeur, both sired by Spidel 430th and bred to Banner Domino 17th.

STANLEY CROCKER
Centerville, Washington
burials while the larger mound was used primarily for temple worship. At any rate, the Kolomoki site was abandoned before the appearance of the white man. Just why nobody knows."

I AM plumb glad to note that some of our white folks are waking up to the disgraceful way our First Americans are being treated by the Big Shots at Washington. I often print letters and articles sent in by white people who are interested in according the Indians, not charity, but what is due them. Here is a short letter that I maneuvered from the Los Angeles Examiner of June 14, 1948:

"Oh shame on us in this land of plenty, with all our charities and help overseas; that through neglect there isn't any help or care, for the simplest needs, of the men from whom our nation came. What we have done to this proud race should make us bow our heads in shame.

"Americans wake up! And at last, let's face the problems and needs of these our own. Let's clean up our back yards, our reservations. Start helping our American Indians at home, as well as sending help to other nations. Lee Clark, Saugus, Calif."

Conservation—
Victory Seen For Better Land Use

"T HE margin between land deterioration and land conservation in the United States has so narrowed that the goal of a permanent agriculture is in sight if we but speed up our efforts," declares Dr. H. H. Bennett, chief of the United States Soil Conservation Service in his annual report to Secretary of Agriculture Charles F. Brannan.

According to Bennett, the United States can overcome and control erosion within 20 to 30 years by sharply increasing present conservation operations on the land. To this end, he advanced seven recommendations for getting the job done on time.

1. Set up a timetable for the establishment of those basic measures needed for the conservation of our soil and water resources, according to capability of the land and availability and need of the water.
2. Adjust research in conservation to specific problems encountered in field work and intensity research.
3. Encourage and promote a comprehensive program of conservation education through all available educational agencies and institutions.

Lunaromance
By S. Omar Barker

"The moon belongs to everyone...
And by love's alchemy
It helps young "hers" make "hims" believe
The best things in life are "she"!
Consing... 

A Junior Bull Calf
Four Bred Heifers
to the
Columbia Empire Polled Hereford Sale
Monday, March 7 at Walla Walla, Wash.


These four heifers exposed to Tammany Rollo Domino.

Herbert & Lewis ENTERPRISE, OREGON

THIRD ANNUAL
Polled Hereford Sale
Davenport, Wash.
MARCH 9

SHOW: 9:30 a.m.
SALE: 1 p.m.

Selling 50 BULLS and FEMALES

Consignors...

Folmsbe & Green, Pomeroy, Wash.
Roy Robinson, Pomeroy, Wash.
Conrad Heid, Davenport, Wash.
Sam Fink, Edwall, Wash.
C. E. Schlimmer, Marlin, Wash.
Ray Gibbons, Rosalia, Wash.
Dick Rossignol, Lolo, Mont.
Orin Campbell, Twisp, Wash.
Albert Reiha, Edwall, Wash.

Most of the bulls are of service age. The breeding, type and quality of these Polled Herefords represent the most popular in America. Come to this sale and be convinced!

For sale catalog, please write:
Albert Reiha, Sec., Edwall, Wash.
Judge: Walter Lewis, Larned, Kansas
Auctioneer: H. B. Sager, Bozeman, Mont.

Big Bend Polled Hereford Association

February 18, 1949
**VANDERHOOF Polled HEREFORDS**

**Breeding towards**

- **weight for age**
- **smoothness**
- **good legs**
- **short heads**
- **broad backs**

Come and see our most recent additions to our battery of Polled Hereford herd sires. Study these pedigrees. They combine some of the best Hereford bloodlines.

**D. K. BOCALDO—5223420—304725**
Calved June 28, 1947

**SIRE:**
- King Domino 31st
- 2602796-122931
- 199934
- Miss Brackett 27th
- 428809

**DAM:**
- Bocaldo Rupert 8th
- 2244'516
- Miss Beau Bracket 27th
- 2854579

**ASTER DOMINO 71”—5089966—303328**
Calved Jan. 20, 1947

**SIRE:**
- Victor Plato 21
- 2664485-113284
- Stella 337724
- 172087

**DAM:**
- M.P. Domino 31
- 1967033-77531
- Miss Della 3
- 2565144-107006

**FOR SALE . . .**
20 yearling heifers that we recommend as being of foundation calibre.

**WOODLAKE, CALIFORNIA**
Telephone: Visalia 2-0024

Canada's Largest Annual Spring

**BULL SALE**

At Calgary, Alberta, Canada

**MARCH 14 TO 18, 1949**

900 BULLS: Prominent Hereford, Shorthorn, and Aberdeen-Angus Breeders will contribute strongest entry in 48 years history of association.

Write for sale catalogue direct to
J. CHAS. YULE, Secretary of
ALBERTA LIVESTOCK ASSOCIATIONS
Calgary, Alberta, Canada

“Leave it to Hawkins to get tied up at the busiest corner in town!”

**POLLED HEREFORDS**

Herd and Range Bulls and heifers for sale. Visitors always welcome.

**Home of TRU MODE DOMINO 64th**

**Bonelli Cattle Co.**
Rt. 1, Box 4, Saugus, Calif.
Foot & Mouth Disease Is Losing in Mexico

The difficult, day-to-day campaign in Mexico against foot-and-mouth disease continues to eliminate this threat from the North American continent. During 1948, 38,755 square miles in Mexico were released from quarantine and declared free of infection by the joint Mexico-United States anti-aftosa commission, directing the large scale scientific campaign against the deadly fever which attacks all cloven-hoofed animals.

To clear the remaining territory of the disease, the United States is spending approximately $2,000,000 per month and the joint Mexico-U.S. anti-aftosa commission is employing about 3,500 persons. All of the key members of the commission under the direction of Senor Oscar Flores and General Harry H. Johnson are keenly aware of the difficulties they face during the months ahead. Vaccine Supply. The one big problem which remains unsolved is whether the vaccine produced in Mexico will provide sufficient immunity to vaccinate the estimated 10 to 15 million animals in the infected zone three times between Nov. 1, 1948, and April 1, 1950. Continuing tests are being made at the vaccine testing and exposing unit at Tacuba as well as the field tests. Some time in April evidence will be available to shed considerable light on the degree of immunity that results from use of vaccine.

Dr. R. J. Anderson, technical chief of the program, said that as the inspection and vaccination teams move forward in the nine districts, they will continually uncover small pockets or outbreaks of aftosa. “We do not consider this a serious problem,” said Dr. Anderson. “We are thoroughly alert to handling any infections that show up ahead of us. The great danger exists if there should be an outbreak behind us. We have ourselves geared to deal with such a situation on a moment’s notice.”

No Rejections. In the field of manufacturing vaccine the commission has scored a major triumph. A total of 1,750,000 doses were manufactured in December, with the goal to exceed 2,500,000 by March. The vaccine is tested three times—for purity, innocuity and potency—and not a single lot has been rejected thus far.

Dr. R. J. Anderson, technical director of the program, states, “The practice now being followed in our vaccination program, consisting of the slaughter of all acutely infected and direct contact herds found upon pre-vaccination inspection and the immediate vaccination of all surrounding animals followed by a continual post-vaccination inspection, has proved very effective in the control of the disease.”

at the Columbia Empire
Polled Hereford Association
Show & Sale . . .
March 6-7 at Walla Walla

Offering

MISS ADVANCE DESIGN 30th
MISS RASCAL DOMINO 34th
RASCAL DOMINO 31st
ADVANCE DESIGN 30th

HARVEY NIEMELA

Centerville, Wash.

Folmsbe & Green
POLLED HEREFORDS
Pomeroy, Wash.

Offer:
SEVEN HEAD of BRED HEIFERS and TWO BULLS in the COLUMBIA EMPIRE Polled Hereford Show & Sale, Mar. 6 & 7 at Walla Walla, Washington and THREE BRED HEIFERS to the BIG BEND Polled Hereford Show & Sale, Mar. 9, at Davenport, Wash.

Rolling Ridge Ranch
A number of registered yearling Polled Hereford bulls for sale. Some outstanding herd bull prospects, balance top range bulls.

P. O. Box 541
Pomona, Calif.
Phone Chino 7316

Rolling Ridge Ranch
CALLING NAMES

On the FISHER RANCH we call real names when we speak of our BRAHMAN CALVES. These names are Stack of Dollars, Quinca, River Negro, Aimore, Ideal, Tippu, Harry G or Manso, for the lines of blood from these GREAT AMERICAN and BRAZILIAN BRAHMAN BULLS flow in the veins of FISHER RANCH REGISTERED BRAHMAN CALVES.

Don’t just buy Brahman type bulls
BUY BULLS WITH GREAT BLOOD LINES

Pruner Ranch
REGISTERED POLLED HEREFORDS

Use this map in visiting our ranch. Visitors are always welcome. We have a nice lot of weaner bulls for sale, featuring FAMOUS DOMINO breeding.

J. W. MORROW, Supt.
Rt. 1, Box 150
San Jacinto, Calif.
Phone 1086

A. E. PRUNER, Owner
Rt. 1, Box 83
Carpinteria, Calif.
Phone 2641

Ramelli’s POLLED HEREFORDS
We specialize in young, range raised Bulls.
P. O. Box 175 Coyote, California

PAMPAS GRASS
Continued From Page 104

September, October and November make possible a more effective and safer use of many acres of adjacent dry range. It helps relieve the pressure of overgrazing on these dry range areas and allows them to build back to a higher carrying capacity. This means more profit to them. Every range operator, whether large or small, needs some supplemental pasture feed such as this. If you have irrigated pasture you are fortunate. If not, pampas grass is a dryland pasture plant which you can have and use to advantage.

Rules for Using. To obtain and properly use a pampas grass pasture in the drier areas of southern California requires strict adherence to a few rules:
1. Select flat, non-erosive, cultivable areas of good, highly productive soil. These can be small, odd-shaped areas lying along waterways or in the valleys. They must be fenced so as to exclude livestock.
2. A thorough job of fallowing is necessary beginning in early spring before any annual grasses or weeds have matured seed and continuing until planting date the following spring. This is to reduce competing weeds, store moisture and build up nutrients for the establishment period. Tillage should be held to a minimum to accomplish these objectives. (3) Plant seedings or divisions from older plants. Best results have been obtained by hand-planting seedlings about six months old. They are spaced so that each plant will have about 36 square feet of ground for development. A 6’ x 6’ spacing is often used. (4) Planting should be done in the early spring after the cold weather has passed but while moisture conditions are still excellent for growth. Sometimes these plants are watered in at planting time. (5) Pastures are kept clean cultivated to save all available moisture and nutrients for the production of green pampas grass forage during the hot dry summer months. This type of crop culture is similar to that used for producing dryland grapes. Pastures must be planted on areas where such treatment will not cause soil erosion or water loss by runoff. (6) After a full year of protection, moderate pasturing usually may be allowed. This should be taken during one comparatively short period each year, anytime during the dry hot months of July, August, September, or October (sometimes November). (7) Plants should never be grazed closer than a 10 to 12 inch stubble height after which complete protection is needed until the next grazing period. Application of nitrogen fertilizer or barnyard manure will increase the yield of this as well as most other plants.

Greater Production Expected. This use of pampas grass is not new. Numerous published reports are available.
indicating the value stockmen are getting from this plant in Australia and New Zealand. Their methods of culture correspond closely to those enumerated above. From these published reports we have reason to believe that the production on the Quail Lake planting will be greater than that shown after the plants are older and during seasons of normal precipitation. Its use as supplementary dry-land pasture in California has been suggested from time to time for many years. Most culture to date has been for ornamental purposes. The plumes have been used extensively for decorating show horses and other purposes.

In 1946, the Soil Conservation Service of the USDA decided to find out the true value of pampas grass for dryland pastures. Through the planned program of its Southern California Nursery Unit at San Fernando, planting stock has been produced for field scale planting on farms in Soil Conservation Districts throughout Southern California. Actual livestock use is planned for these pastures. The planting in the Quail Lake Soil Conservation District is representative of one of these trials. It has represented one of the most favorable fields for the accumulation of information on actual livestock use because of the close cooperation of the U. S. Forest Service. This trial is located on land under their administration but which has been placed under agreement with the Quail Lake Soil Conservation District in an effort to help work out better range conservation.

Problem Solver. For many years, ranchers and range specialists have been in search of some supplementary green feed for dry range areas. Pampas grass, when properly located with reference to sites and management of range, can help furnish this supplement. Field scale trial plantings at various places in Southern California have shown this to be true, and some outstanding use information in terms of profit are shown for one such planting in the Quail Lake Soil Conservation District. The Soil Conservation Service, through its district conservationists, work unit leaders, and its nurseries, is continuing efforts toward establishing the value of this introduced South American species because it helps to cure a land use problem.

### Improve Your Herd With Manso Breeding

Whether you have English breeds, crosses or purebred Brahmans, you can improve your herd with a Flato Brahman bull. All our bulls are of championship Manso breeding.

**BULLS AS LOW AS $300 TERMS IF DESIRED**

The picture shows three of our herd sires: Alvey Manso, a son of Manso, Izard Manso Jr., and Bano 570th. In addition to bulls from these sires we are offering a number of sons of the great Resoto Manso.

Visit our stock farm at Banquete between Robstown and Alice to see the coming two- and three-year-old bulls we have for sale now. Always welcome.

---

**FLATO BRAHMANS**

**FLATO BROS. BOX 1781 PHONE 3-8421 CORPUS CHRISTI, TEX.**

---

**DIAMOND S RANCH**

**SHORTHORNS**

In Service:

NOBLE COMMANDER, son of Princeton Leader, now assisted by HILLBROOK MASTERSTROKE, carrying a double infusion of Ashbourne Standard, sire of the Grand Champion Steer at the International in 1937.

GEO. H. SAWYER

Waterford, Stanislaus County, California

---

**Polled Shorthorns**

Largest Herd of Polled Shorthorn Cattle in the West.

BULLS FOR SALE AT ALL TIMES

J. W. BENNETT

WINONA WASHINGTON

---

February 15, 1949

---

"No, that's all right, lady - you don't HAVE to smoke."
Another Great Young Bull Joins the DOUBLE M Hereford Battery of Outstanding Sires

RS PRINCEPS 57th 5037884

Breeder: Rancho Sacatal, Dos Cabezas, Ariz.

WHR DOUBLE PRINCEPS
- WHR Princess 29th 3639476
- WHR Cynthia 29th 2737450
- RS Chief Domino 9th 7044662
- WHR Bella Domino 40th 2199908

RS HOPI PRINCESS 13th 3778338

IRVIN MANN, PAT & BOB HOPPER, Owners

ADAMS • OREGON

DOUBLE M
HEREFORDS

We purchased this good son of WHR Double Princeps from Rancho Sacatal at a cost of $7,000 in the Denver Sale. He will be used along with: TT Onward 3d by WHR True Onward 10th; RS Prince Royal by WHR Double Princeps; Young Donald by Donald Domino 16th and the sire of Miss Domino B 8th, champion female at the 1948 San Francisco, Portland and Salem shows; Anxiety Mixer by Junior Mixer; and Baca Domino C 217th, by Real Prince 8th.
Wheatland Shorthorns

Regarded a strong herd among beef cattle anywhere.

SHORTHORNS ARE ON THE MARCH

WINNING NATIONAL FAVOR IN THE FIELD OF BEEF PRODUCTION
BECAUSE OF THE QUALITIES IN WHICH WHEATLAND SHORTHORNS
EXCEL . . . MODERN CONFORMATION AND RAPIDITY OF GAIN, PLUS
AN EARLY GOOD START IN LIFE THROUGH PLENTY OF MOTHERS' MILK

It Happened at Denver!
A bright new star was placed in the Shorthorn Crown when the grand champion load of Shorthorn feeder calves, from the Josef Winkler herd of Colorado, established a new top of $77 per cwt., when sold in the Denver sale to Boy's Town of Nebraska.

The five top loads of Shorthorns in the Denver Sale brought an average price of $52.70 per cwt., a manifestation that growing feeder preference is swinging toward modern Shorthorns.

Buy at Inland Empire Sale,
Spokane, Wash., March 9-10

To that event we are sending the five representatives of Wheatland Ranch illustrated on this page, remarkable in their uniformity in type as well as in color. They are all sired by Killearn Monarch 101st, a bull that stamps his get with type and characteristics as modern as tomorrow.

We are proud to submit these Modern Shorthorns to the range and breeding cattle buyers at Spokane.

C. J. Broughton
Owner

WHEATLAND RANCH
Dayton, Washington

R. A. Watt
Manager

Wheatland Beaver 2492903,
calved January 31, 1946.

Wheatland Serenade 24752771,
calved September 3, 1947.

Wheatland Scout 2462226,
calved December 25, 1947.
Western Livestock Journal's

Horse of the Month

QUICKSAND

Owned by Cotton & Peake
Visalia, Calif.
Horses and Horsemen
Edited by Bill Smale

IT has been said that “reading maketh a full man,” but that is only part of it. Travel and talking with people brings a wealth of information that at times makes a fellow fairly bubble with news. This past month has been a great experience for this writer, talking with horsemen all over the Western country about their problems and seeing the popular and important National Western Stock Show at Denver.

Denver is a melting pot of stockmen’s difficulties. During the show, visiting with men and women in the livestock world, you get a new and important perspective on problems. Horsermen in the distressed storm areas were plainly worried. In order to try to save cattle they necessarily abandoned immediate help to their horses, but knew that horses could handle themselves better than could cattle. Horses don’t give up as easily for one thing. But there have been serious losses and with the drought some areas were plainly worried. In order to try to save cattle they necessarily abandoned immediate help to their horses, but knew that horses could handle themselves better than could cattle. Horses don’t give up as easily for one thing. But there have been serious losses and with the drought some areas were plainly worried. In order to try to save cattle they necessarily abandoned immediate help to their horses, but knew that horses could handle themselves better than could cattle.

Results of the Palomino sale showed the central states bidding strongly for golden horses. The show itself brought out the working stock horses and plainly showed the interest balanced on the side of the stock type. Some few horsemen at the show were heard to say that the “hey-day” for horses in so far as high prices are concerned is past. Still others were strong in their statements that good horses are bringing more money than ever before and that the only reason some auctions are lower in price is because horsemen see the demand for good horses, keep these at home and sell at auction the lower end, drawing down sale averages. One thing was proved beyond a doubt at the sales. Horses lacking better breed characteristics and popular blood were not wanted by even beginners in the horse business. Likewise, many bidders wanted only the few top individuals.

Some oldtime horsemen blamed lack of winter activity on the severity of the weather all over the country. This too seems the case in the Pacific Slope area according to reports from horsemen, but there is now welling up a feeling of confidence for the future. Spring grass, balmy weather will again turn young mares’ thoughts to love, unless this universe turns upside down. With good pastures and feed conditions, it seems certain that next year there will be an abundance of good colts scampering up to sniff at your coat, then each turning and trying to put one of his hind feet in your pocket.

Horse of the Month

RECOGNITION has come to the Quarter Horse in the West, where stockmen have taken them to the ranch to work, to the track to compete in races and to the show to exhibit, trade and work cattle before enthusiastic audiences. It is quite appropriate therefore, that we present as Horse of the Month for the 14th Annual Stallion Issue, the good Quarter Horse, Quicksand AQHA 8270 owned by Cotton and Peake, Visalia, Calif. This combination of horsemen, Perry Cotton and Channing and Katy Peake, has been a strong booster for Quarter Horses and has bred some of the best in the West.

Quicksand was brought to the ranch to replace aging Tony in due time as stallion and with reason too, for the coming 5-year-old chestnut stallion has Quarter Horse blood. He is sired by Popcorn P-2706 AQHA sired by Red Dog P-55 by Balleymooney and is out of Ruby Wear AQA 4061 by Tony P-776 AQHA (owned by Cotton and Peake) a son of Guinea Pig.

This combination of bloodlines is not only some of the most fashionable on the Pacific Slope, but it is producing well made, hard working, fast running Quarter Horses with plenty of brains between their eyes. As a 3-year-old Quicksand won his class at the fall PCQHA show at Salinas and his first crop of colts have that “peas in a pod” look.

—Photo by Hart.
**Condition & Records—**

**Put Stallions & Mares in Top Shape,**

**Keep Account of the Yearly Offspring**

**By Major C. B. Team**

*Officer in Charge of the Western Remount Area*

A

An essential factor contributing to the success of any livestock breeding program is the breeding condition of the animals involved. It is, therefore, especially important in a horse nursery that the stallions and the mares are in good breeding condition and health.

Condition, as described by Webster, means “to bring into, and keep in bodily health.” It is sad to say, but it is true, a good many people who are breeding horses do not know what good breeding condition is or how to put a horse in good condition.

Conditioning stallions and mares involves good and regular feeding of a balanced ration, daily exercise and adequate grooming.

As the conditioning process for stallions and mares varies, I will discuss each separately.

The stallion is the most important animal in a nursery. The failure of a broodmare means the loss of many foals and the valuable horse firm and hard, the amount of feed will vary somewhat with the flesh and habits of the horse.

Fat and Fancy. To draw a word picture of a stallion in good breeding condition is difficult. He is fat, with his muscles firm and hard. The hair shows life and luster. When led out he shows animation, pep and vigor, though he should be disciplined and not unruly.

To attain good condition takes about eight weeks, depending on the shape the animal is in when the conditioning process is started. The first step is to free him of internal parasites.

Fat can be put on a stallion by feeding regularly and adequately. Three feeds a day are recommended as the horse's stomach is small, and he gets more good out of his feed if fed reasonable amounts more often. The amount of feed to use is a varying factor, but generally speaking no 1,000-lb. stallion should receive less than three gallons of grain a day during breeding season, and of course larger stallions require more.

The amount of exercise is also a factor governing the amount of feed. In any case no more should ever be given than he will promptly clean up. Fresh water should be available at all times. Green feeds are also essential. Grass is the horse's most natural feed and is rich in vitamins necessary for reproduction. The most important thought to keep in mind for the hay ration is to feed good quality hay and all he will eat. A good grain mixture consists of: 75 to 80% oats or barley (if barley is used it should be cracked); 20 to 25% bran; 1 teaspoonful of salt on each feed; 1 handful of linseed meal on each evening feed.

Exercise. It takes plenty of exercise every day to keep the muscles of a horse firm and hard, the amount will vary somewhat with the flesh and habits of the horse. If he is thin in flesh, it is best to fatten him up before starting strenuous exercise, as it is almost impossible to build hard

<table>
<thead>
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<th>Year</th>
<th>Color</th>
<th>Sex</th>
<th>Sire</th>
<th>Characteristics</th>
<th>Rating</th>
<th>Disposition</th>
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<tr>
<td>1945</td>
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<td>st.</td>
<td>Buster</td>
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<td>1946</td>
<td>ch.</td>
<td>m.</td>
<td>Tom Boy</td>
<td>Ex.type, nice head</td>
<td>v.g.</td>
<td>Retained for breeding</td>
</tr>
<tr>
<td>1947</td>
<td>ch.</td>
<td>st.</td>
<td>Tom Boy</td>
<td>Ex.type, nice head</td>
<td>v.g.</td>
<td>Sold at weaning time to Mr. Smith, Price $</td>
</tr>
</tbody>
</table>
muscled on a thin horse. During this fattening up period he should receive regular exercise, mostly at a walk and for only a short period, 15 to 20 minutes is usually sufficient. Once fat, an horse's forced exercise, preferably under saddle, is generally satisfactory. The exercise should be mostly at the walk and trot as these are the muscle building gaits. Short periods at the canter may be desirable but are not necessary.

A fine coat of hair showing life and luster can best be obtained by good grooming. Here again, I will say that it is hard to get a healthy coat if the animal is not in good flesh, but contrary to exercise, grooming can start at once. It will take time for the grooming to show the desired results, but as the horse gains in flesh, the dead or dried out hair will slip more freely, so the time the stallion is carrying enough flesh to receive an hour's exercise, the majority of his coat will be short hair and that which has not, will shed very shortly after he has been swept up a few times, and then thoroughly groomed. In grooming the mane and tail should be cleaned. It is desirable to wash it thoroughly with soap and water occasionally, to get rid of any dandruff or scale. And this prevents the animal rubbing out a nice mane or tail.

Check the Feet. The stallion's feet can not be overlooked, they should be cleaned out thoroughly daily, before and after exercise. Also in order to permit the stallion to receive necessary exercise throughout the breeding season and the year, his feet must be kept in good condition, by regular trimming (at least once a month) and shoeing if necessary.

Broodmares present a somewhat different picture when in good breeding condition. They are in good flesh, though not carrying as much as a stallion, and their hair shows luster.

<table>
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<td>of</td>
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<td>Date</td>
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<tr>
<td>1964</td>
<td>of</td>
</tr>
<tr>
<td>Date</td>
<td>Service</td>
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</tbody>
</table>

It has often been found in cold climates that a mare will not conceive until her winter coat starts to shed and there is green grass in the pasture for grazing. If it is practical to do so they should be groomed daily; however, it is not usually possible to do this. A good grooming once a week or even every two weeks is desirable if not daily. In any event their manes and tails should be kept combed out and clean, and feet regularly trimmed.

Keep Mares in Good Flesh. Foaling mares should not be kept fat, but it is desirable to keep them in good flesh. If they are maintained in good pasture only a small amount of a balanced grain ration may be necessary, and in certain seasons dispensed with altogether. This is a varying factor and each individual case should be given individual consideration. If a grain ration is not fed a mineral mix should be available at all times.

Broodmares will receive sufficient exercise roaming over large pastures and it is not generally necessary to regulate their exercise. It is not detrimental to ride a mare on level ground, at the walk and occasionally at the trot up to about 30 days prior to foaling time. During the first two to four months pregnancy, the riding may be more strenuous without ill effect.

It is good to talk about condition of breeding stock and what good breeding condition is, but then it is possible to have this and still have a stallion that is not a sure foal getter and potent sire, and also a mare that will not conceive.

General Checkup. In the case of the mare that is apparently in good breeding condition and does not conceive, there may be a genital condition which prevents conception. If a mare fails to conceive after three services, it is recommended that a veterinarian be consulted for advice.

At the start of each breeding season...
it is desirable to have a veterinarian do a microscopic examination of the stallion's semen for the first two or three services, then periodically during the season to make sure that there is a good percentage of well shaped motile sperm.

The success of any breeding plan cannot be accurately determined without accurate records. The records need not be elaborate but they should follow through a period of years in order to determine the worth of parents and the offspring as a member of the breed which it represents. Example 1 shows desirable records to have on each mare in a broodmare band.

On the back of the form as shown in example 1, the service record should be recorded in the fashion shown in example 2.

Example 3 is another form suggested to carry out a more complete record of the produce of a mare. The information in this form is of untold value if kept up properly and a system of follow-up, to find out what an animal does after he is sold, is used. A study of such records indicates the worth of a mare as a broodmare. One whose produce does not measure up to the standard the breeder has set as his basis of selection should be disposed of.

Proof Positive. Rules which apply to the worth of a broodmare also apply to the worth of a stallion. If the produce of a stallion fails to measure up to set standards when bred to desirable mares or if he is a shy breeder he should not be retained in a breeding program. The only way to KNOW the results a stallion is getting is by keeping a record of the mares bred to him, and following up each year by checking the produce of these matings. The form shown in example 4 is an excellent way of doing this. It is realized that under most circumstances this follow-up can involve a great deal of time and travel to actually see all of a stallion's produce and in these circumstances one must rely upon correspondence and opinions of others. Also keeping track of horses that change ownership often is almost an impossibility; however, the value of records kept varies directly with their completeness, and the worth of a sire also varies with the performance of his produce.

The breeders of various breeds and types of horses desire different results and the forms given here should be modified to fit each situation.

The efforts made to put your breeding stock in good breeding condition are well worth while, and the results obtained as reflected in accurate records will indicate the worth of your breeding stock.

<table>
<thead>
<tr>
<th>RECORD OF PRODUCE</th>
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<tr>
<td>BROOD-MARE:</td>
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<td>SIRE:</td>
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<tr>
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<td>2nd yr. Ht:</td>
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<tr>
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<td>71/2&quot;</td>
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<tr>
<td>Rating:</td>
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<td>ex.-</td>
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</tbody>
</table>

RETAI\NED or SOLD TO: Retained as Stallion

GENERAL REMARKS: Ex. quality and nice bodied, symmetrical, shows breed type.

PERFORMANCE RECORD:

3rd yr. Started hackamore training.

4th yr. Showed in Horse Show at " , placed 2nd in Class of 10

5th yr. Trained as Stock Horse, showed in Horse Show at " placed 3rd

6th yr. Showed in Horse Show at " , placed 1st at " placed 1st

7th yr. Showed at " , placed 1st at " placed 2nd

EXAMPLE 3—Complete record of mare's year-to-year produce is of great value to owner.
Music Mount
AQHA 5229
5 Times a Grand Champion
AT STUD
To Approved Mares

He is sired by Gold Mount and out of Pansy, a Quarter mare. His golden Buckskin color and outstanding conformation have made him one of the prominent sires in the Northwest. Come in and see his colts during the show.

We'll be Showing at Pendleton
NWQHA Show, May 14-15

We are going to show our two new purchases at Denver in January. You'll see Suzie Cue, a yearling filly bred by Quentin Semotan, sired by Starduster P-5152 AQHA and out of Cuter P-5150, and Tommy Star, a yearling colt bred by L. G. Milligan, sired by Nowata Star P-1606 AQHA, the sire of Starduster, and out of Texas Blue AQHA 4074.

Herman F. Snyder— Box 665—PENDLETON, OREGON

Breed to a Proven Sire
WHITE POSSUM
AQHA 9559

Fee: $50 at time of service to approved mares. Return privilege. Accommodations for mares.

Until May 15, Possum will stand at the ranch, 30 miles West of Red Bluff, Calif., and thereafter will stand at Dorris.

SIRE: King (Possum) Traveler
Brown Possum AQHA 15 Pete McDaniel's Mare Jenny

DAM: Palomino Stallion Fuzzy
Gray Quarter Mare

THIS HORSE has real cow sense and always gives you his best. He has a lot of early speed and plenty of staying power. "Possum" is the type that will do the work day after day and will not set a man afoot.

WHITE POSSUM possesses true Quarter Horse disposition. If you are looking for a stallion that will produce colts with good dispositions and will do the work required of them; See or write us about Possum before breeding your mares.

In our brood mare band we are using only proven mares. Mares that we feel can produce the type of colts that will get the job done and done right. We have recently added to our band of mares, from the Cotton-Peake Sale, Kitty Rose P-2932 by Billy Anson, a son of Harmon Baker and Coal Black AQHA 14,560 by Jack Pot P-288 and out of a Big Nigger mare.

Visitors always welcome.

Mr. and Mrs. Graeme Stewart
P. O. Box 8, Dorris
Siskiyou County, California

February 15, 1949
He’s a Using Horse . . .

. . . TOP MAN

AQHA 2825

Sire:
Top Flight P-1097
AQHA

Dam:
Miss Gregor
AQHA pending,
14.3 hands, weight
1200 lb. Foaled
1943.

Top Man is being used in leading western rodeos as a working horse. His colts are the same type and take to work in the same way. His running ability is also outstanding. Out of 5 starts in 1947, he won five times. He has also placed well in show competition against the best horses in the Northwest.

Standing to approved mares.

FOR SALE:

Registered coming 4-year-old gelding, that will make a real calf horse. He is sound and ready for finishing as a calf and roping horse. We also have a few Top Man fillies for sale out of good mares of quality and breeding. Before you buy, be sure you see these fillies, they are priced to sell.

Harvey Matlock

Pendleton Box 638 Oregon

Visit us During the NWQHA Show at Pendleton

RE-ELECTED PRESIDENT—Frank Vessels, Long Beach, Calif., was re-elected president of the Pacific Coast Quarter Horse Assn. at the annual meeting of the group at Bakersfield in January. He is shown here with one of the weanlings from the Vessels Ranch, at the Salinas fall show last year. Bill Fisher, Visalia, Calif., was elected vice president and George Wiswall was made secretary of the association for the ensuing year.

10 Years Ago

WITH THE HORSEMEN

FEATURED on the cover of Western Livestock Journal’s 4th Annual Stallion Issue was Joaquin Murietta, owned by Mrs. T. M. Meanley, Miramar, Calif. Winner of many stakes and sire of winning colts, Joaquin Murietta was standing at stud to approved mares, fee $100. . . . Rex King Lee, owned by E. H. Varley of Hemet, Calif., was the talk of the recent Hemet horse show. Without shoes, no artificial tail set and appliances he had the style, speed and action of the modern show horse. . . . Beth Buckley, the beautiful bay 8-year-old 5-gaited mare was offered for sale by Rollins and Liggett. Owner Miss McKenzie, Beverly Hills, Calif., was going away to school, thus the reason for selling.

Mr. and Mrs. William Spurck of North Hollywood owned three good stallions, the most outstanding being the beautiful seal brown General Diamond, winner of the 3-year-old class and the championship class for stallions any age at the Los Angeles County Fair last fall. . . . Jack Davis of Arcadia, Calif., had ridden his well known Palomino stallion, El Moreno, in the Tournament of Roses parade New Year’s day at Pasadena.

Miss Louanne Jackson of North Hollywood was considered one of the top junior riders exhibiting 3- and 5-gaited saddle horses. She planned to show her 5-gaited mare Pandora at the Palm Springs and Phoenix horse
A New Select Quarter Horse Foundation

of the best available bloodlines of the Breed

While we have nothing to sell at present, we want you to know we are developing what we believe is the very finest Quarter Horse program, selecting well bred, young, sound mares that we are also showing.

Tonette
AQHA 3660

High point show Quarter Mare in Pacific Coast National Horse Shows 1948

Little Fred
AQHA 962

Gold Dust
Frieda McCue AQHA 59

Champagne
Saladin
Moon

Tania AQHA 856

Concho Colonel
Sanchis

Old Joe Mare
Old Joe Mare

Little Casino
AQHA 11,815

A fine example of our foundation females among our Quarter Horses

Little Fred
AQHA 962

Champagne
Frieda McCue AQHA 59

Gold Dust
Saladin
Moon

Gilda
AQHA 1274

Deuce AQHA 512

Ballymooney
Caloipe

Jamie

Concho Colonel
Spanish Mare

Both of these mares will show at the Spring PCQHA Show at Pomona, May 21 and 22.

When you see our good Quarter Horses, we will appreciate it if you will think of our quality, registered Herefords.

Visitors Welcome

Rancho Sierra Vista

Richard E. Danielson, Jr., Owner

Rt. 1, Box 298

Camarillo, Calif.

Phone Camarillo 2392

Breeders of Registered Herefords and Quarter Horses
Me Too
AQHA 7928
At Stud
Sired by Clint Higgins
AQHA 1757, out of
Monte Jones AQHA 2483 by Yellow Boy
AQHA 18. This 2-year-old stallion has massive muscular development, has speed and handiness.

Showing At Pendleton, May 14-15

For the first time we will be showing our young stallion FROSTY DEXTER, a coming 2-year-old stallion sired by Dexter and out of Catch Me. Be sure you see him.

Selling At Pendleton

We will sell in the NWQHA sale, CHEYENNE PASS P-3258 'AQHA, sired by Black Hawk and out of Lady Douglas by Old Red Buck. He is heavily muscled stallion, smooth and the right kind of bloodlines.

Also selling two of his permanent registered colts, one 2-year-old and one yearling, both out of Red Dog mares. Also a 4-year-old of Ben Hur breeding. Write for information.

H. H. "Bud" McIntyre
Helix, Ore.

Do You Really Want Workin', Doin' Horses?

BUY COLTS BY

Willcox Red Joe

Son of Red Joe of Arizona by Joe Reed by Joe Blair and out of Big Belle by Red Cloud. He is standing at stud—Fee $50.

They're Selling at Pendleton May 14-15

We will have a selection of some of his finest colts and fillies of different ages in the NWQHA sale at Pendleton, May 14 and 15. We will be glad to tell you all about them if you will write us before the sale, or better yet, see them at Pendleton.

Phone 6-F-11

Mr. and Mrs. Hugh Huntley
Colfax, Wash.
GERONIMO II

This great colt purchased last fall is sired by Geronimo, the illustrious son of Red Dog P-95 AQHA and is out of a Tony P-716 AQHA mare. Such breeding plus the fact that he stood at the head of a very strong class at the fall PCQHA show at Salinas sets him as a stand out.

Blood That Stands Out
in the Quarter Horse Breed

Our ranch is devoted to raising and training good Quarter Horses that meet the best requirements of the breed. That's why we purchased Geronimo II at $10,000 to work into our breeding program in the future. Our senior sire Joe Traveler fills our requirements and his colts are attractive.

At Stud...

JOE TRAVELER – Permanent 1784 AQHA

Chestnut stallion 14.2 hands, 1100 lb. Picture taken at 18 years of age. One of the few living sons of Little Joe, this horse has a great record as a sire and only recently was brought to California by us.

Little Joe................. Traveler
Jenny

Joe Traveler AQHA 1784

Star Dust................. Sam King
Billy Anson mare

Fee $100 With Return to Approved Mares.

DEL MONTE JR. – (AQHA reg. pending)

This Palomino Quarter Horse is sired by Del Monte AQHA 3040 PHBA 3125, grand champion Quarter Horse at New Mexico State Fair and a top roping and stock horse. Del Monte is sired by Brush Mount by Chimney Sweep and is out of a Pleuston AQHA 1677 mare. Del Monte Jr’s dam is Marlow Girl a Thoroughbred mare. Junior won his class at the New Mexico State Fair in the stock horse type Palomino division. Fee $75 to approved mares with return.

Top Families of the Breed

Rafter E Ranch

N. G. EMERSON, Owner
1570 W. Walnut St.
Stockton, Calif.
Phone 26905

KARL THOMPSON, in charge
Rt. 1, Box 241
STOCKTON, CALIF.
Blood Isn't Enough—
Successful and Profitable Horse Production Depends on Many Things

By LOUIS TAYLOR

The man who has plans for marketing his produce, and few have wealth enough to breed many horses without selling one now and then, is riding for a hard fall if he picks the sires of his colts on no other basis than their ability to produce good colts from his mares. This does not mean that the quality of colts produced is not important nor that blood does not count. It does mean that those two factors alone are not adequate for success in horse production. By any one of several pet theories, horsemen may arrive at a combination of bloodliness that will produce a good colt. With a little good luck on his side, the man who goes no further in genetics than the old bromide, “like begets like,” may do it. Without any luck to aid him, the man who makes a thorough study of genetics, who therefore knows all we yet know about dominant and recessive genes, will, if he also has a keen eye for a horse, do as well or better.

I have known one or two horsemen, and they were men who lived by and with horses back in the days when the horse was as important a part of our economy as the automobile is today, who had a sort of sixth sense about horse breeding. James Clark could, and would on those rare occasions when he could be induced to pass judgment on another man’s horse, tell whether or not a certain stud would begets like,” may do it. Without any luck to aid him, the man who makes a thorough study of genetics, who therefore knows all we yet know about dominant and recessive genes, will, if he also has a keen eye for a horse, do as well or better.

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MORE PROFITS FROM YOUR OWN MARES

A REAL OPPORTUNITY is offered owners of top Quarter Horse mares to obtain the services of one of the top sires of the Quarter Horse breed. Geronimo’s worth as a sire is demonstrated by the eager acceptance of his progeny who have averaged $1750 per head. Service by Geronimo is insurance of Quarter Horse type which he has transmitted to his progeny as well as being an outstanding individual himself. He has received the highest recognition ever accorded a Quarter Horse stallion on the Pacific Coast as he was made PCQHA Grand Champion twice!

DESCRIPTION: 14.3 hands, 1175 lb. Sire: Red Dog P-55 AQHA. Dam: Filaree P-910 AQHA.

FEE: $250 with return privileges within the season.

For Bookings Contact
RAY MORRIS,
Phone: Pleasant 3-8922

BORG STOCK FARM
Gardena California

FRONT END

AND

ALL OVER—HE’S GREAT!

Owner
A. R. "MIKE" Levis
HENDERSON, COLORADO
DUTCH BOY AQHA 12,614
Reserve Champion PCQHA Show at Salinas 1948

He won his class and then was made Reserve Champion of the show at Salinas PCQHA show against strong competition, the mark of a top show horse. In 1947 he was Grand Champion at the Top O' Texas Quarter Horse Show at Pampa, Tex., and was again Grand Champion at Floydada, Tex.

He is sired by Chubby P-656 AQHA by Midnight by Badger and his dam is Dutch Lady AQHA 4874 by Chalk a son of Lone Star AQHA 1010.

Truly an outstanding representative of the breed in conformation and bloodlines, we offer his services for the 1949 season to approved mares. Fee $100.

BILL ELLIOTT
4024 Radford Avenue
Phone: SUNset 2-1121, Ext. 307
STUDIO CITY, CALIFORNIA

Remember to say you saw it in Western Livestock Journal

For Sale—Anglo Arab
4-Year-old Filly
Winner half-Arab halter class at 1947 All Arabian Show at Devonshire Downs. She is green broke and guaranteed gentle. Price $300.

Curt Yoder
Star Route Box 68-J Escondido, Calif.
WILSON'S JIGGS
A.Q.H.A. 6087
Ht. 14.3, Wt. 1150. One of the better sons of
the great Dan Waggoner A.Q.H.A. 346. He is an
outstanding 4 year old stallion prospect. He has
plenty of speed.
Standing to approved mares at the Bud Far­
ley, 3F, Ranch, Nicasio (Marin Co.), Calif.

CHIEF PIRATE
A.Q.H.A. 4701
Ht. 14.3, Wt. 1050. He is a brilliant chestnut. A
son of Chief McCue, he combines the breeding
of Roberts and Bissell. He has been a consistent
winner on the track.
Standing to approved mares at our address
listed below.
Always a few good ones for sale. Have several bred to run.

JOHN A. HAHN – SANTA ROSA, CALIF.
3422 Redwood Highway — Phone SR 3288

LIGHTNING R
Registered A.Q.H.A. Stallion

His sire is Raffles by Luke McLuke. On his dam’s side: Linda Joe by Red Bug,
and out of a Master Gold Mare. Her pedigree traces back to Harmon Baker.
Thoroughbred influence mixed with “cow horse sense.”

DESCRIPTION
Gray. 14.5 hands, 1,000 lb. weight. A proven sire with a fine disposi­
tion plus all that can be desired in Quarter Horse conformation.
"Lightning" was the Grand Champion Stallion at the 1947 Northwestern
Quarter Horse Breeders’ Show, Klamath Falls.

SPEED AND INTELLIGENCE COMBINED!
AND
AT THE RANCH
We have a large selection of "Lightning" colts out of
registered Quarter Horse mares for sale. Out of this herd
has come several of So. Oregon’s top rodeo horses.

George E. Smith
Box 636
Malin, Oregon

DONALD M. SMITH
Star Route
Merrill, Oregon

IN TRAINING
Sons and daughters of
Midnight Jr. A.Q.H.A.
210. Among the sons are
several outstanding stud
prospects. They can be
seen at the Tehama Co.
Fairgrounds, Red Bluff,
Calif.

Also at the ranch, geld­
ings and mares by Chief
McCue A.Q.H.A. 752.

LIGHTNING R
Standing at stud to a limited number
of mares. FEE $100.00. Accommoda­
tions for visiting mares, $1.00 per day.

February 15, 1949
Candy Kid
P-919 AQHA

has been a producer of outstanding cow horses including our cutting horse Pin Ears. His colts show natural cow sense and working ability.

and

Sykes II
P-3148 AQHA

is a proven son of EL REY RO P-896 AQHA. The popular get of El Rey have topped their class at five Pacific Coast sales. These mares have been great producers and show mares.

Fee for each stallion is $100 to approved mares with return privileges during the season. Accommodations for mares at the ranch.

For Sale

We have a limited number of fillies sired by these two stallions ranging from yearlings to three-year-olds. We will have a few mares, bred this spring to these stallions that will be for sale.

Greene Cattle Co., Inc.
GEORGE WISWALL, MANAGER

56 27th Street
MERCED Phone Merced 2212-1
CALIFORNIA

We’ll be showing and selling at the Spring PCQHA Show at Pomona, May 21-22

53,999

Eyes... will see your advertisement this month. More than 25,000 cattle ranchers in the Far West read the Leader For More Than a Quarter Century,

WESTERN LIVESTOCK JOURNAL

not shod for excessive action, but the glorious movement, the quick response, the airyness, the bursts of speed, the restrained elegance that were all at my finger tips renewed my knowledge that this half brother of King Genius was at least the equal of his half sibling. Yet this horse whose blood and build was unsurpassed produced no top-priced offspring, though his colts were as good as the best. Sears sustained early in life kept him from all but a very few and very small shows. A little advertising helped sell a colt now and then at a fair price, mostly to remote places, one or two out of the country. Yet mares taken from his court to that of a highly publicized stallion dropped colts that sold high, the last one of which I have had word sold in five figures; and I doubt that it was the equal of some of the get of my old favorite.

My other friend who illustrates the inadequacy of blood alone is a grand old Thoroughbred, a neighbor of mine. How he got to Arizona more than a decade ago I never ascertained, though I suspect some signs of blemishes on his underpinning. When I first saw him I was sure some old Allen print had come to life, so beautiful was his form. His blood was told was of the best Bluegrass strain, though I never saw an authentic line about him. Shortly after his arrival here he survived a fire, and the stable to which he belonged was dispersed.

Promising Result. He was not to my knowledge bred to a worthy mare until a few years ago. The result of that mating fascinated me. I have seen few colts of such promise, but no one seemed to want it very badly. It was sent to the track as a 2-year-old. Today Asa Gardner, one of this county’s elder and most astute and reliable horsemen, tells me that that colt as a 2-year-old in Phoenix “never had to stretch his neck against other colts and ran off and left an older mare used to pace him.” But during that year of the colt’s life a misfortune suffered in transit resulted in death.

The old horse is now in good hands, and his owner dreams great things for a 2-year-old full sister of the colt that died of its trip to the Coast. If the dreams come true and the old stallion makes news, his get may yet sell in the big money, but what a waste of the best years of a great horse’s life! And what an illustration of a great horse’s failure entirely because of lack of being known.

It is not enough for a sire to be well bred and to be able to produce good colts. He must be sufficiently well known to make a market for his get. The wise breeder will not in 1949 sacrifice his mare and his pocketbook on the altar of the forgotten stallion. If the service fee on a well known stallion is a hundred or so dollars higher than the fee on an equally good stallion whom nobody knows, pay the extra hundred. It will do more toward taking your colt to market than will any other hundred you can spend.
Sparky Browning
P-3591 AQHA
Champion Working Horse
Standing to Approved Mares

Most of our mares will be bred to Sparky this year, so he will be available to only a few choice outside mares. We invite you to inspect him and our other horses at any time.

Fee $100 at Time of Service—
Guarantee of Live Foal.

Sire: Baileymooney
Billy Byrne, P-228 AQHA
Dams: Tony P-776 AQHA
Lady Browning, P-781 AQHA

He’ll Be Showing at Pomona, May 21-22

Bruce Church
Salinas, California

COMPLETE DISPERSAL BY AUCTION
OF THE
8 Registered Quarter Horses
TUESDAY, MARCH 1 • 10:30 A.M. • MEDFORD, OREGON
at the late Hugo Von Der Hellen’s Ranch located 2 miles West of Medford on the Jacksonville Highway. Follow signs and arrows.

STALLIONS
VON’S SNIP AQHA 9067 br. colt. Foaled April, 1945. Sire: Jack Pot AQHA 288. He by Big Nigger by Harmon Baker, Peter McCue, Dam: Rio Lady VI AQHA 5776, she by Del Rio Joe by Big Nigger.
This colt was champion 2-yr.-old and reserve champion of ’47 Northwest Quarter Horse Association Show, Klamath Falls. Res. Grand Champion of Stallions, First in Trial Class, First in Reining Class and 2nd in Stock Horse Class at Eugene Hunt Club Show, 1948. He has done a lot of calf roping and is making a great rodeo prospect.
CAMEO BOY—Chestnut Colt. 2-year-old by Cameo Dandy by Colonel Clyde out of Sorrel Orphan by Orphan Boy. Cameo Boy is out of Susie Townsend AQHA 9943. This colt eligible this year.
And . . . two April, 1948, colts by Raslet AHC 702. One out of a Thoroughbred mare.

MARES
BONNIE STAR AQHA 4077. Foaled Spring, 1947. Color, bay. By Oklahoma Star, out of Nancy, bred by Ronald Mason, Nowata, Okla. This mare to be sold with Tip-top filly colt at side and bred back to Von’s Snip.

Everything sells, including a fine assortment of farm machinery.

Midway Auction Co., Sale Managers
W. J. (Bill) Bray, Auctioneer

Mrs. Evelyn Von der Hellen, Administratrix
Lunch will be served.

February 15, 1949
Page 123
Selecting the Sire—

Correct Mating of Horses Involves Science, Art, Logic, Money & Luck

By C. E. HOWELL
University of California, Davis

Every year the horse breeder is confronted with the problem of selecting the most suitable sire with which to mate his mare. Even with the remarkable advances in scientific knowledge, the correct selection is still quite baffling.

In about the year 1760 Robert Bake-well made the statement "Breed the best to the best." Ever since that time this expression of purpose has been the livestock breeder's most effective guide. But what constitutes the best? As Shakespeare would say, "There's the Rub!" Best for what purpose? How does one recognize the desirable features one wishes to perpetuate?

If the mare is a purebred registered animal, it would certainly seem logical to breed to a stallion that is a purebred and registered in the same breed registry, though this is no guarantee that the offspring will be a superior individual. It simply means that some of the undesirable factors have been eliminated. The chance for improved characteristics has been greatly increased. Breeding the best to the best should mean taking advantage of all the possibilities of securing the most efficient utility values of form, function and quality of bone and flesh.

Genetic Generalities. When the geneticists discovered identifiable genes on the chromosomes it appeared that the livestock breeder's problems had been solved. If features or characters were identified on the chromosomes and an analysis made of the genetic constitution of sire and dam then an intelligent mating could be planned. L. M. Winters in his book on animal breeding says, "A single gene may and usually does, affect many divergent parts of the body; for example, Drosophila, having rudimentary wings have a lower vitality and most of their females are infertile. Because the genes have multiple effects and several genes may affect the same character, it is very difficult, if not practically impossible, to make a genetic analysis of a breed of livestock."

Because of the multiplicity of effects of the genes it would seem more practical to select a sire from his visible
OUR GOAL IS:

Quality in
Breeding

Quality in
Action

Quality in
the Show

Quality Quarter Horses

Together with our cattle business, we have for many years endeavored to produce a good type working Quarter Horse. The fun and success we have had in doing so leads us to keep faith with a principle that is dear to our hearts.

With pride we announce KING BOB to head our breeding program and to be available for a few select matrons. Until May 1, he will be at home on our Foothill Ranch at San Fernando, California. After May 1, he will be at our Sweetwater Ranch Headquarters near Wellington, Nevada.

Please call for appointment or write

MULLER BROS.
“World’s Greatest Service Station”

6380 Sunset Blvd. Phone GRanite 4111

Hollywood, Calif.
characters that are known to breed
true and are fairly uniformly trans­
mittted. A fairly satisfactory evaluation
of the good characters of the animal
can be made by a careful examination
of the stallion, some of his ancestors,
and his offspring. At present there are
so many gaps in our knowledge of
theoretical and applied genetics that
it is unwise to attempt to entirely sub­
stitute scientific animal breeding for
the art of breeding, except in carefully
controlled experiments. However, as
our knowledge of gene interaction in­
creases and a practical application to
animal breeding is undertaken, it
would seem that present day methods
of developing quantitative characters
from proven sires of known value is a
satisfactory approach to the problem.

"Get the Mare Bred." The above state­
ments are by no means to be con­
strued as criticism of the wonderful
work the scientists are doing in their
work on genes. It simply means that
the immediate problem is to get the
mare bred during the season of 1949.
Our usual methods of selection are
based on 1) performance, such as
speed in a race horse; 2) ancestry or
bloodlines; 3) progeny; 4) individu­
ality. In breeding race horses the best
guide is to breed speed to speed se­
lected from proven ancestry whose
progeny have been tested on the race
track. In so doing, the animal will
usually possess those features which
are commonly associated with desir­
able conformation. Even though cor­
relation studies have not been able
to prove any relation between body
measurements and speed, I still believe
that the conformation of the individ­
ual is important. The statement is
sometimes made that good race horses
come in all sizes and shapes. However,
I have never heard of a horse with the
conformation of a Shetland pony or a
Percheron draft horse winning the
Kentucky Derby.

Sometimes the mating of two indi­
viduals of no apparent outstanding
value produces an exceptional off­
spring. The livestock breeder usually
speaks of this mating as a good "nick." This nicking simply means that the
factors of one animal compliment the

---At Stud---

Chester D.

AQHA 12,625  NQHBA 10,097

Bay Stallion—15 Hands—1100 lb.

SIRE: Chester C by Clebber.
DAM: Little Brown Jug, out of Old Bay mare,
dam of Barbara B.

Fee $100 to Approved Mares.
Return Privilege This Season

Squirt

NQHBA 7155

Sorrel, Flax Mane and Tail—14 Hands—1000 lb.

SIRE: Texas Buddy by Chew by Colonel.
DAM: Sugar by Cuatro Julio by Zantanon by
Little Joe. Three crosses to Little Joe.

Fee $50—Return Privilege

W. D. Kirkland

1500 Aston Ave.  Phone 2732-W

Santa Rosa, Calif.
factors or genes of the other and the union produces favorable results.

Science vs. Cold Cash. This business of scientific animal breeding still includes a certain amount of art. It must also be kept in mind that breeding the best to the best is not always economically possible. The best stallion to which one would like to breed his mare may not be available. Finances and time do not permit the selection of the best sires in many livestock breeding enterprises. It is rather remarkable the success that has been attained in the improvement of the breeds of horses when we consider how often economy is the limiting factor in many cases.

The main thought in this whole idea of animal breeding is for improvement. Science has given us a lot of tools with which to work. There is no one certain rule to follow which will guarantee success. The selection of a stallion and mating it to a certain mare is just the beginning. This merely sets the limits of inheritance, but the proper environments are extremely important for the full expression of the inherited possibilities. One may breed the best to the best and get the best offspring, but improper management, faulty nutrition or other bad environmental factors may produce a horse that is a failure.

Escondido Show—

Plans are going forward for the 6th Annual Horse Show at Escondido, Calif., sponsored by the Escondido Valley Riders. The show will be held at Finney Field May 21 and 22 with a parade on Saturday, followed by the children's show. Breeding events will go before the judge Sunday morning with the feature show including stakes in the afternoon.
Stallion Training—
Minimize Breeding Difficulties
With Routine Care and Education

By V. Tierstein, D.V.M.

The importance of educating young stallions for breeding should never be minimized. The properly trained horse is self-controlled and business-like, rather than being unduly excited. He pays dividends because his covers are more sure and he is capable of completing a larger breeding program.

The young stallion should be patiently taught that he must walk to the mare. He should not be allowed to cover until ready and should never be disturbed until he is ready to dismount. Patience, firmness, and perseverance are admirable; rough handling, short tempers, and abuse are reprehensible. The stallion who is taught to distrust, fear and dislike man is a misfit in man's world. The stallion who is taught to respect, trust, and obey man is a pleasure to handle.

Desirable Age. It is doubtful that anyone can definitely state the most desirable age for starting a young stallion on his breeding career. A few have started training as long yearlings with no apparent harm, although one would hesitate to recommend such an early age. Many begin as 2-year-olds.

Three years of age or older are probably more desirable starting ages because the horse is nearing maturity.

The number of mares that a horse should be booked to is also difficult to fix. Popular practice usually limits books to:

- 2-year-olds .......... 5 to 10 mares
- 3-year-olds .......... 10 to 20 mares
- 4-year-olds .......... 20 to 30 mares
- 5-year-olds and over 30 to 40 mares

Remember that when five mares are booked, on the average at least two and probably three will return one or more times for additional covers before conceiving; so as far as the stallion is concerned approximately 8 to 10 mares are actually booked. The semen of all stallions should be microscopically examined by a veterinarian, at least at the start of each breeding season, to determine the breeding soundness of the horse.

A 2-year-old stallion should not be stood more than once every other day, with a rest period of a few days between mares if possible. Older horses can be stood once each day with no apparent difficulty. When it is found necessary to stand a horse twice in the same day, it is a safe practice as long as it is not overdone and the horse is sexually mature and capable.

Routine Pattern. Horses thrive on routine. They feel more secure and are happier when handled in this manner and nothing upsets the set pattern. The preparation of the stallion for each cover and the actual handling should be performed routinely. This is very important if the animal is to know what is expected of him. The stallion that charges out of his stall expecting a mare, when he is merely to be saddled for a ride or to be handled in some other manner, is perplexed and justifiably upset. If possible, the same time of day, especially if the horse is stood every day, should be set aside for the breeding of mares.

Although not commonly practiced, the sheath and belly wall of the stallion should be thoroughly washed with soap and warm water and rinsed with fresh warm water before and after the cover.

It is not advisable to use the breeding stallion as a teaser, although in many cases other stallions are not available. Whenever he is led out to a mare it should have been determined before hand that she will accept him and is prepared. This follows through the practice of a routine—the horse will always know what he is to do, and as a result will not tend to become unruly or fretful. For this reason another stallion, or a masculine acting gelding should be used as the teaser to determine that the mare is ready.

A good breeding stallion must be physically fit. He should be exercised daily and be on a full diet, as is recommended for broodmares. His stall and paddock should be separate from those of other horses, but he should be able to see other horses that he knows.

Brood Mares. In the June, 1948, issue of Western Livestock Journal we discussed the care of the brood mare. This is an ideal time to dig up that issue and re-read that article with this
Brown Bob

A.Q.H.A.

Champion Sire

He has been a blue ribbon winner 13 times at major shows. Among his Grand championship winnings have been: King City, Calif., 1945; PCQHA show, 1946; Tucson Livestock Show, 1946, and the State show at Santa Rosa, Calif., 1948. This record coupled with the showing and selling of his sons and daughters stamps him as one of the outstanding sires of the breed.

Sire of Champions

He is the sire of King Bob, Grand Champion at Sacramento 1948, the young stallion that sold to Muller Bros. at $10,000. A yearling son of Brown Bob was third top in the Cotton-Peake sale going at $1200 to Paul Grafe. A daughter of Brown Bob sold at $825 and a son at $900 in the 1948 Salinas sale. These are typical examples of the demand for Brown Bob sons and daughters.

STANDING FEE $100

With Return Privileges
Accommodations for Mares

See Brown Bob and his Get at Pomona, May 21-22.

Roddy Ranch

Rt. 2, Box 839
SAN JOSE, CALIF.

(Sierra Road, 7 miles east San Jose)

Phone: Mayfair 4348

Dispersal of Quarter Horses—At Private Treaty

I have decided to sell my Quarter Horses as I am away so much now that I can’t handle them properly and my oldest son has decided to return to college. I hate to let them go, but it seems best.

R. L. Underwood Breeding

Most of these horses were purchased from the famous R. L. Underwood foundation Quarter Horse program at Wichita Falls, Tex. They have the Quarter Horse breeding and type. The three brood mares are good producers and all Quarter Horse. The mares are broken to ride and the others are halter broken.

Connie Lee, Palomino mare by Silvertone, out of a Golden Chief dam.
Lady Astor, bay mare by Chubby Boy by Chubby, out of Sugar.
Shadow, black mare by Brown Possum, out of June Showers.

Four 2-year-old fillies sired by my Mickey Dexter by Dexter. Three of these are out of the first two mares above, another Underwood mare, and the fourth out of a Tony mare.

Three yearlings by Mickey Dexter out of my Underwood mares.

Your Opportunity to Buy Foundation Blood

Alan Rogers

Walking T Ranch

ELLENSBURG
BOX 390
WASHINGTON
A Great Linebred Possum Horse

MARK
P-4249 AQHA
Sorrel Horse Foaled 1925
Picture taken Oct. 1948
He has possibly sired more great rope and cow horses than any horse alive today.

Visitors Welcome
Frank List
Exeter, Calif.  Bob Maloy
Mail Address: Box 711, Lindsay, Calif. Phone Lindsay 3741

Brown Joe
AQHA P-881
Line bred son of the famous Joe Hancock
P-455 AQHA.

SPEED
PERFORMANCE
DISPOSITION

See our colts at the Spring PCQHA Show.
BROWN JOE
Standing At Stud
Fee $100 to approved mares, return privilege.
Veterinarian in attendance.

CLIFF LOHR
19425 Wyandotte St.
Phone Rugby 6-3612 Reseda, California

one. For a few months preceding the breeding season, barren mares should be carefully checked as to whether their “heat periods” are normal, when they come into and go out of heat, and how strongly they show. When breeding season arrives, one has an excellent record of the mare’s cycle.

We firmly maintain that mares should be covered every other day during the period, but if a mare can only be covered one or more times, it should be done on the third or fourth day. Mares should be teased to be sure that they are in heat, and also to make them show heat when it is not evident. It pays to have a veterinarian supervise the breeding program because abnormalities can be quickly corrected, hopeless mares can be dropped, the stallion’s energies as well as the horseman’s will not be wasted and a much higher percentage of conceptions will be assured.

Mares should be teased in a solid pen or over a solid partition, such as the lower half of a dutch door. Too often the mare or teaser is injured if such precautions are not enforced. When the mare proves receptive she should be hobbled or restrained with a side line (never take the foot so far forward that it is off the ground), a tail bandage should be used and the hind parts should be washed in the same manner as the stallion. If the mare has a foal at her side, it should be penned near her head so that neither will fret. It never pays to haul a mare to the stallion without her colt for one stand, because the mare is upset and the chances of a successful cover are reduced.

Veterinarian Only. The owner of a mare should never allow anyone but a veterinarian to manually examine the reproductive organs of the mare or capsule her following the cover. As mentioned in the article on artificial insemination in Western Livestock Journal, October, 1948, capsuling is greatly overrated and unnecessary in normal covers, and should only be practiced by a veterinarian or properly trained attendant.

The so-called opening of mares is of no value and should not be practiced because infections commonly result from such treatment. The practices of throwing cold water on the mare’s hind parts or running her around immediately following the cover are also of no value. That portion which a mare discharges in no way reduces her chances of conception and if she is prevented from discharging the overflow immediately after the service, she will do so anyway as soon as she is released or urinates.

And finally, always remember that horses are not machines which never fail to respond to man’s controls. One has no right to expect to always bring about conception in one heat period or at one cover. Don’t be too quick to blame the stallion or the mare.
**Futurity Facts—**

**Rush of Entries For Quarter Races**

By VAN SMELKER
Secretary-Treasurer
American Quarter Racing Assn.

NOMINATIONS for the 1949 Southwestern Special and the 1950 Southwestern Futurity officially closed Jan. 1. The 1949 race, which is sponsored by the Tucson Racing Assn., will have the elimination trials March 19, the opening day of the Ninth Annual World’s Champion Quarter Horse speed trials. The race for the foals of 1948 will be scheduled during March, 1950.

Last minute responses were received fast and furiously for both futurities. Secretary-Treasurer entered nine head in the 1949 race, bringing the final total to 49 head: four owners nominated six head for the race to be held in 1950, making the final total 52 head.

Representation. In the Southwestern Special (1949 race), a total of 33 owners sent in nominations—24 from Arizona, 3 from California, 1 from New Mexico, 3 from Oklahoma and 2 from Texas. Thirty-six head are represented from Arizona, 4 from California, 1 from New Mexico, 4 from Oklahoma and 4 from Texas. Twenty-nine different sires are represented, eight of these have run in grade “A” time or better and are included in the Register of Merit of the AQRA. Clabber, Joe Reed II, Piggin String and Dee Dee have at one time earned the Champion Stallion title of the association. Of the above list of sires, Clabber is the only horse not living, and his get will be watched with interest.

The following is a list of the sires of the get nominated. Every horse capitalized has earned a place in the Register of Merit of the AQRA. The number after the sire’s name indicates the amount of get he has produced who have made grade “A” time or better and are in the Register of Merit. TB is the abbreviation for registered Thoroughbred: Buddy, Captain White Socks, Charlie Hepler, Chicago’s Bill (6), Chubby, CLABBER (15), DANGER BOY H, DEE DEE, ED ECHOLS, Galus (TB), Hondo (2), Hogybo (TB), I Go Boom (TB), JEEP B (1), Joe Darter (2), JOE REED II (14), King Zeb, LITTLE JOE, JR. (8), Little Mike, Master Bunting (TB) (4), Patriotic (TB), PIGGIN STRING (TB) (2), Ponderel (TB), Proph (TB) (1), Question Mark (4), Sancho, Tater, Van Waggoner (1), and War Bond, Twelve of the above sires have produced 60 horses who have qualified for the Register of Merit. If statistics mean anything, it can be safely assumed that their get will add more glory to their sires’ names before the year is over.

**The Guthrie**

A good saddle. There when you want it. And when you're ropin', ridin' or roundin'-up you want a good saddle for your life may depend upon it. You'll get no seat burns from this little number and your horse's back will stay smooth. Sure it's gotta tree covered with the finest California oak-tanned steer hide and lined with woolskin. It's got stirrups made for FEET and a cincha your horse's hide will love to touch. Keystone master saddle makers make it. Top cowmen ride it. Keystone Bros. guarantee it. Your dealer carries it. So its gotta be good.

**KEYSTON BROS.**

Est. 1868
SAN FRANCISCO
PHOENIX, ARIZONA • FRESNO, CALIFORNIA

**HIGH VALLEY RANCH**

Standing At Stud

**Mickey Dexter**

A Proven Sire of the Quarter Horse Type

14 hands, 3” tail. Weight: 1140 lb. Dark Chestnut with snip and star on nose. A good using horse with remarkable disposition.

Dexter:  {Golden Chief

Miss Tommie...  {The Yellow Stud

Range Bred Mare

Tom (Scooter)

Joy

Little Red

Nellie Trammell

Mara by Archie H

Mickey McQuay:  {Miss Passmore...  {Lightning

ROUTE I

ELLensburg, Washington

Phone: 23031

**PACIFIC COAST QUARTER HORSE ASSOCIATION**

5th Annual Spring Show·Sale·Races
May 21-22
L. A. County Fairgrounds
POMONA, CALIF.

Write Today For Complete Information

MR. TOM HARRIS
Pacific Coast Quarter Horse Association
2650 Cherry Ave., Long Beach 6, Calif.
Phone NEvada 61787

Please send me information and entry blanks for the Show at Pomona, Calif., May 21 and 22.

Name...
Address...
City and State...
I own...Quarter Horses
**Doping Race Horses—**

Science Plays Important Role Keeping ‘Sport of Kings’ Free From Crooks

By S. A. Peoples*

Professor of Comparative Pharmacology, Davis, Calif.

At the present time Dr. Peoples is cooperating with the State Racing Commission in improving procedures used in the detection of doping of horses. He is engaged only in the research aspect of the work, and only analyses track samples when requested to do so by the Racing Commission. He is also in contact with similar work being done in other states through membership in the Association of Official Racing Chemists, an organization composed of chemists and research workers doing work for racing boards throughout the United States.

The different states use about the same methods for insuring that race horses haven’t been stimulated or depressed in any way. Usually the horse is kept in a paddock for about two hours before the race, and after the race urine and saliva samples are taken from the winner. In some states, the steward can select any horse he wants to for sampling.

In Canada, the government analyzes the samples; in some states, like New York, state laboratories do it; and in other states, such as California, private laboratories make the analysis. The methods are about the same. Reports go to the racing boards, and the officials decide what steps to take, except in Massachusetts. Here the state does the testing and the racing board hears about it through the court. It is a felony to dope a horse in Massachusetts, and the offender goes to jail for two years for a first offense. A case is not reported unless the proof will stand up in court. After the man has finished his jail sentence, the racing board takes any action it sees fit. This is about the roughest state for the racing dope people.

**Detecting the Drugs.** Of course I am not concerned with what happens to the man who gets caught; I am just supposed to catch him. Some of the drugs that we look for are atropine, benzedrine, benadryl, brucine, caffeine, cocaine, codeine, coramine, demerol, ephedrine, metrazol, morphine, novocaine, quinine, scopomoline, sodium barbital, sodium dilantin, strychnine, and theophylline.

The present method of testing is
"The little Mendocino ranch, 
Tucked away among the mountains, 
Where the trails run out and stop."

At Stud . . .
G-Fern Atom

AQHA 9926

Light Sorrel Stallion, Foaled 1945
Sire: Bartender AQHA 2295 by Manitobian AQHA 692.
Dam: G-Fern Frosty AQHA 3608 by Dodger.
He was shown extensively in 1947 and 1948 and has
proved himself to be a Quarter Horse liked by the
judges as a working type horse. He is our senior sire
and we recommend him as a working type Quarter
Horse sire.

Quarter Horses for Ranch and Rodeo

Obtaining the bloodlines in the Quarter Horse that are
producing working horses, our broodmare band includes mares
by El Rey, Hard Tack, Tom Adair, Joe Bailey, Hobo Cananea
and others.

We invite you to inspect the horses we have for sale,
horses that range in age from weanlings to broodmares and
include some top roping horses ready for competition.

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PCQHA Show, May 21-22

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PHOENIX, ARIZONA

CALIFORNIA JUDGE—Perry Cotton, Virginia, shown looking over one of the “ponies” at the National Western Stock Show held in Denver last month, where Cotton was judge of Quarter Horses. The Cotton-Peake Quarter Horses have become widely known as foundation stock of the breed. Tony and Quicksand, this month’s Horse of the Month, are leading stallions for Cotton-Peake.

usually as follows. The urine or saliva is concentrated, extracted with alcohol, and acid extracted to leave three concentrates. About four drops in each fraction are left of the whole sample. Six to ten reagents are added to each part, and crystals form. Each drug crystallizes in no more than four different forms, that are characteristic for the drug. Crystals from saliva usually differ from urine crystals. A man has to know these four forms for 30 drugs. Sometimes two crystal tests and a color test are used.

One test consists of injecting unpurified urine or saliva into a mouse, and watching the mouse to see how it reacts. It is true that some drugs will cause a decided reaction if enough is present, but usually the amount is too small. Also samples may contain impurities that cause a reaction when there is no dope in them. The test is therefore not considered to be entirely reliable.

Sometimes nearly all the drugs show up. This indicates “Canadian elixir,” which contains almost everything. A few drops are supposed to do wonders for your horse.

Many of the older drugs are no longer in use and don’t have to be tested for. However, tests for the new drugs are not always as sensitive as for the older ones like strychnine. The people who dope race horses are well aware of that, and are apparently willing and able to hire high-calibre scientific brains to tell them what they can get away with. It is a race between two groups of scientists, one inventing tests, the other group getting around them.

Benzedrine Bugaboo. It is well known to horse operators that nobody detects benzedrine. But tests have now been worked out, which came as a terrific shock to a man in Massachusetts. “I’ve doped horses in every state in the union,” he said, “and I don’t see why I’m caught here!” Possibly we were unfair and should have announced that we had new tests and intended to catch him.

The test developed at Harvard for detection of benzedrine uses a spectro- scope and ultraviolet light. I have been developing a simple test requiring 50 cc. or less of urine. Extraction with ether and then acid produces a nice red color varying in intensity with the amount of benzedrine present. This test is rapid enough to use at the track, but we haven’t actually put it into practice yet. Benzedrine can be detected for 36 hours, so taking the sample at the track isn’t particularly necessary.

The usual dose is 200 or 300 mg. It affects respiration and raises blood pressure, so the heart would be strained when racing. Probably this would shorten the horse’s useful life.

Doping by Popular Demand. They have a difficult problem in France, because the people seem to think that drugs should be used to put a horse in good condition. In Mexico, they have just started testing urine, and a chemist told me that out of the first eight samples he got seven positives and a doubtful. He told this story:

The owner of a great favorite was approached by a gambling syndicate and told not to dope his horse, as they were betting on another one. They threatened him with a beating if he doped it. The track officials heard about this, and said: “We hear you’re not going to dope your horse. Do you realize how many people are betting on him? Now, you dope him or we’ll run you off the track.” So he doped the horse, and was badly beaten up, and I never could figure out whether honesty triumphed or not.

Other methods than doping are also used to keep a horse from winning. They say that just giving him a load of cold water will slow him up. On the dog track it was a well known procedure to give a salty meal to a Greyhound with which winning too often, and then put cool water where he could get it, so he would load up. A fellow was telling me it is much better to put a rock between his toes, or accidentally put him in the starting gate backwards. These are things a bit beyond the chemist.

For Honest Racing. It is the object of our new organization, the Official Association of Racing Chemists, to guarantee racing that is on the level. In many states racing is banned; and there is much opposition to dog racing. Everything the Association can do to improve the race horse situation will be done.

Personally, I think that the only way to control doping is by simple police methods, because most of it is not done by owners or trainers but by outsiders, although the horse’s trainer is responsible.
Your Opportunity
To Breed
Running . . .
Working . . .
Show Horses

Breed to CATECHU
P-1331 AQHA

CHAMPION STALLION
PCQHA 4TH ANNUAL FALL SHOW, 1948

Fee $100 at time of service to a limited number of mares. His book is nearly full for 1949, so book early.

Of course, we are proud of CATECHU for winning the Grand Champion Ribbon and Blanket at Salinas, but that is only one of the reasons why we think he is tops.

BREEDING: CATECHU was bred by the late Dr. J. J. Stankard, Elk City, Okla. His sire was JOE REED P-3, and his dam was DIAMOND OAKES P-744. He was foaled on June 1, 1941, and is a full brother to JOE BOB P-1046, a stallion used by R. L. Underwood of Wichita Falls, Texas, for several years.

HIS COLTS: CATECHU has more ribbon winning colts than any other stallion in California. Among his get which have been shown are REED, Reserve Champion mare at Salinas this year; LADY FAIR F, first in the yearling fillies; MAIZIE CUE, first in the Two-Year-Old fillies at Sacramento; JR. F, first as a yearling stud in the Bakersfield Fall Show in 1947; DIAMOND REED, fourth in the colt class at Salinas this year. A black two-year-old filly owned by Bill Fisher stood first in her class at the Tulare Kings County Fair this year. And BEAU JACK, a colt owned by Charles Araujo, topped the Spring Sale for colts at Sacramento. Several more outstanding CATECHU colts have never been shown. Some of his get which have been raced are MISS MOBILE (XA), SORREL LADY (AB), BLUE CAT (BX) and MISS APRIL (CB).

PERFORMANCE: CATECHU has proven himself a very useful stock horse. I use him on the ranch working cattle and have used him in some of the jackpot ropings around home. Still a young breeding horse, I believe much more will be heard from CATECHU as his colts mature.

In 1949, as in the past, CATECHU will stand to a limited number of selected registered mares. For information on bookings, write—

Forrest Homer Phone: Three Rivers 5-F-3 Lemon Cove, Calif.
Chief McCue

P-752 AQHA

We will breed a few approved mares; fee $100 with return.

Quarter Horses—

Origin of Breed Is Mixed With Legend

By EARL SANDUSKY

Here are many legendary tales regarding the origin of Quarter Horses and Steeldust Horses. That they originated partly in the West is a foregone conclusion, and that they are a breed without original classification but, nevertheless, with an adopted foundation, is still conclusive.

One of the legends regarding Quarter Horses is that in the early days of the West a quart of whiskey was traded to an Indian chief for a likely type of riding horse. The animal was a young stallion which later became a progenitor of the breed. This horse had the fire of Hastings in its eyes and enough of the speed of a Thoroughbred to defeat any local horse matched against it. Quite naturally it was referred to as that "quart of fire-water horse," later to become known as the Quarter Horse. This farfetched Western Quarter Horse may have been a descendant of the famous Thoroughbred family which produced the immortal Fair Play and Man O' War.

Cloudy Past. Another legend is that a mine owner gave a pouch of silver, beaten from the ore of his mine, to a Mexican for a steel-grey stallion the peon was riding. This horse also became a fairly successful sire of riding horses, to become known as the Silverdust strain which name, from the animal's color no doubt, got transferred to the Steeldust horse. Even to this day and age a grey horse is often referred to as a Steeldust if it is a certain type and if the actual breeding of the animal is unknown. An instance of such nature occurred only recently. An advertisement in a Los Angeles newspaper offered to sell a freshly arrived carload of young grey saddle horses at auction. It was read by a local man who, in all earnestness, asked: "Did you see that advertisement offering to sell those grey Steeldust horses?" It was a foregone conclusion with him that they were Steeldust because they were grey.

The best present day definition of a Quarter Horse, which in later years may also become a legend, is this: "A Quarter Horse is a horse that can catch a calf and hold it." This just about covers all that can be said of the animal from the standpoint of service.

Lightning Action. The Quarter Horse is quick in action, especially on the get-away, with terrific speed for a short distance. It has the ability to stop and the temperament to stay stopped, and hold. These are prime requisites a rider wants for calf roping and are what he must have for this certain kind of work. It is difficult to obtain them from any other breed of horse. The Thoroughbred, of course,
We are not claiming this Liniment to cure anything, or to be a cure-all. We have, however, had some very, very successful results in our own stables, in both effecting relief in sore muscles, tendons, ligaments, and joints (including reducing and elimination of swelling and puffs), and have even apparently cured one case of quarter crack.

This liniment has subsequently been discovered to be very helpful in the treatment of common colds, neuritis, arthritis, rheumatism, or any stiff joint or muscle, and asthma in human beings. Contains:—Menthol, Oil of Wintergreen, Rubbing Alcohol, Oil of Eucalyptus, Tincture of Belladonna, Camphorated Oil, and Ether.

* Read below a few testimonials of users of Bob's Gypsy Rub No. 1

- I have used Bob's Gypsy Rub Liniment and I think it is the best I have ever used. I have used it on one of the Greatest Five Gaited Mares of all times. I am a great believer in your Liniment.—Herbert McLain, Fair Acres Farm, Corsicana, Texas.

- Being the owner of the Betty Lynn Stables, I have found, during my twenty-one years of showing horses and using various Liniments, that none can compare with results obtained from the use of Bob's Gypsy Rub.—Mrs. M. H. Fuller, Betty Lynn Stables, Indianapolis, Ind.

- As a user of your Bob's Gypsy Rub, I can most certainly say that it has done everything that you claimed for it. I can highly recommend it to others.—Ward W. Schumacher, Kansas Saddle Horse Assoc., Inc., Larned, Kans.

- We have used Bob's Gypsy Rub on our stock horses and it certainly is a fine Liniment. We have a good Quarter Mare that was favoring her front shoulder and after using this Liniment she is now sound. Neck rein ing is hard work for a horse and Bob's Gypsy Rub, used regularly, will keep them in good working condition.—Miss Melba Winey, El Dorado, Kans.

Price per pint $5.00, quart $10.00, half gallon $20.00, gallon $40.00.

Write today for Full Particulars and Testimonials

Dealer Inquiries Invited

C. G. SMITH PRODUCTS COMPANY
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BLYTHEVILLE ARKANSAS
For Sale:

BLACK SYKES
AQHA 811 (Permanent)

An outstanding proven sire bred by The Greene Cattle Co., Canonena, Sonora, Mexico. Sired by Son of Sykes by Sykes by Peter McCune out of an R. O. mare. He has an excellent record as a sire at the C. S. Howard Ranch. One of his colts placed first in the green hackamore class, Salinas 1946.

TWO
THOROUGHBRED MARES

BATTLE SONG—Reg. No. 391413 by Son of Battle out of Matoa, Foaled 1938. ABEECEE—Reg. No. 391413 by Son of Battle out of Nursery Play, Foaled 1939. From the C. S. Howard Ranch, Formerly race mare. Both have produced excellent colts by Quarter Sires. They are open but are guaranteed breeders.

AND
THEIR COLTS

You have to see these yearling colts to appreciate their mothers.

R. R. WOODS

Route 1, Box 359A Phone 2J3 Hollister, Calif.
Are You Interested in Quarter Horse Bloodlines?

King Star P-13516 AQHA
For Sale
Foaled May 25, 1946. SIRE: King P-234 AQHA. DAM: Old Sugar P-5234 AQHA, the dam of eight registered colts. This fine brown colt with his permanent breeding and bull-dog conformation should be purchased for a sire. He is very gentle and started working nicely. He is a really great colt. Price on application.

W. S. Scarlett
Rt. 1, Box 76
Phone Suisun 80-F-3

Jack Traveller AQHA 13517
For Sale
Foaled July 23, 1946. SIRE: Joe Traveler P-1784 AQHA. DAM: Jackie AQHA 5627 by Jack McCue by Peter McCue. A fine, bright sorrel colt with the conformation and bloodlines to make an outstanding sire. Must be seen to be appreciated. Very gentle, easy to handle and well started. Price on application.

W. S. Scarlett
Rt. 1, Box 76
Phone Suisun 80-F-3

Breed to a Proven Sire
Jeep B.

AQHA P-2022
Sire: CLABBER
Dam: RED CLOUDS
A top performer on the track and in the rodeo arena.

Have you noticed the way his colts run? Betsy Gay, a filly of 1946 owned by Butch Norris, is now class A for 220 yards. She was second in the PCQHA race at Salinas.

Fee $100 with two returns.
$75 refunded if mare not in foal.

Owned by
Bernie Anderson
Phone 687
EUREKA, CALIF.

Standing at
W. S. Scarlett Ranch
Rt. 1, Box 76
Phone 80-F-3
SUISUN, CALIF.
Billy Bailey

Standing At Stud

$50 to Approved Mares

Season

A TOP PALOMINO QUARTER HORSE SIRE

Foaled June 15, 1939. Ht. 15.2, Wt. 1200 lb. He is a block-skinned Palomino. He is a finished roping horse and has a wonderful disposition. His colts are bringing top prices at the sales.

Sire: Nick S. by Sheik by Peter McCue. Sire’s dam: Sylvia by Bob H by Old Fred.

Dam: Lady by Jiggs by Fred Litz. 2nd dam: Waggoner mare by Yellow Wolf.

We will have some top youngsters sired by him and out of our best Quarter mares, for sale this spring. Come and see them.

Accommodations for Visiting Mares
Visitors Welcome

Guy R. Corpe
Rt. 2, Box 3280—Phone 74033
6 Miles East of Sacramento on Jackson Road, Highway 16

Sacramento, California

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Five Top Stallions
Large Band of Selected Mares
Registered Stock Always For Sale

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Caravan
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RFD No. 1
Richmond, Calif.

Gharis
Phone: Pismo 89
(on Highway 40, 21 Mi., N.E. of San Francisco)

1949 Foals—

First of perhaps 9,000 Thoroughbred foals to arrive in the United States this spring is reported by Luke and Sneed’s Hemet Stock Farm in California. He is a bay colt by Rudistaurus—Bar Goes and he arrived Jan. 2.

Ranging from “back-yard” ranches within the sprawling city limits of Los Angeles to multi-hundred acre farms in Kentucky’s blue grass area, there are some 1,200 breeding establishments in 46 states. In addition to these, however, there are breeders who don’t have a farm but board their mares and their number swells the list of individual breeders to over 5,000.

According to Harold O. Vosburgh, keeper of the Jockey Club’s bureau of vital statistics, the registration office, a record total of 8,200 Thoroughbreds were registered in 1948. Included in the total were 187 horses imported.

Horseman Dies—

Hugo von der Hellen, Medford, Oregon Quarter Horse breeder died suddenly Dec. 9 of a heart attack after two years of illness that had curtailed his activities. Von der Hellen was born on March 21, 1907 at Eagle Point, Ore., and spent much of his life in the Oregon country. Before settling on his ranch at Medford in 1942, he was a member of the Von der Hellen Mining Co., and was superintendent of mining activities in Siskiyou County, Calif.

As owner of good Quarter Horses, he became active in the Northwest Quarter Horse Assn. and in horse activities of the area. He purchased Von’s Snip, a Quarter stallion bred by L. B. Wardlaw, Del Rio, Tex., to head his Quarter Horse program and obtained a select group of Quarter mares. He also went into cattle feeding quite extensively. He is survived by his father, wife and two children.
QUICKSAND — Horse of the Month
AQHA 8270
AT STUD

He Has the Blood - Type - Quality - Speed

Combining the most fashionable bloodlines of the Quarter Horse breed with horses of outstanding working ability Quicksand has through his first crop of colts shown himself to be one of the coming sires of the West. We are using him on some of our top mares.

He is sired by Popcorn P2706 AQHA by Red Dog P-55 AQHA by Ballymooney, Popcorn's dam was Natalie AQHA 57 by Little Joe New Mexico. Quicksand's dam was Ruby Wear by Tony P-776 by Guinea Pig.

We plan for him to take Tony's place in our stud after the great old sire is no longer useful.

We invite your inspection of our horses at any time.
Fee $55. Standing at Perry Cotton ranch

Also Standing Driftwood P-2833
Fee $100 Book Nearly Full Standing at Rancho Jabali

Katy and Channing Peake
Rancho Jabali
LOMPOC, CALIF.

Perry Cotton
Rt. 4, Box 629—Phone 18-F-13
VISALIA, CALIFORNIA
Quality...
That's What Counts!

Watch for the dates of our fall quarter horse and Angus sale.

We invite your inspection of our horses that will be showing at the Spring PCQHA Quarter Horse Show at Pomona, Calif., May 21 and 22.

Ranch Headquarters
Ferndale Ranch No. 2
23004 Van Owen
Canoga Park, Calif.
Phone Superior 85151

Santa Paula
Rt. 2 Box 140
Phone Santa Paula 568-M-1

Joe Barrett
P-1539 AQHA
Standing till May 1 at Ferndale Ranch No. 2, Canoga Park, Fee $150 to approved mares. After May 1 he will stand at Hugh Bennett Ranch, Falcon, Colo. Three of his 1946 foals tied world's records on tracks in 1948.
Chicaro Bill, 18-year-old Quarter Horse stallion with conformation and speedy bloodlines, is owned by Glenn Chipperfield, Phoenix, Ariz., sires many top working horses.

‘The More You Use ’em the More You Like ’em’

That’s What Cowmen Say About Quarter Horses

By C. E. HELLBUSCH

Cow ranches of the West are fast becoming supplied with Quarter Horses and the cowboys and rodeo performers are very adept at arguing the case for their particular kind of Quarter Horse. Even though many jobs on our modern ranches are done with pick-ups, jeeps and trucks, the actual handling of cattle is still done with horses. It is hard to build a case against the wiry, quick, surefooted little pony used so many years by the cowboys on our range. Actually, it isn't a matter of building a case against the little horse, because that is an impossibility. Even though he might try to dump his rider every time he is mounted, he still is the kind that you can depend on and he really has it when it comes to riding and working cattle.

It just is a case where the cowmen of today have found a horse that better suits their needs, a horse that is a using horse. That is the present-day Quarter Horse.

When we speak of Quarter Horses, most people outside of the livestock world think he is a horse that runs the quarter mile and is a descendant of the running horse—but this is not true in its entirety. It is true that he is the fastest in the world at distances of a quarter mile or less and that Quarter Horse racing is gaining in popularity all over the West. But the Quarter Horse is much more than a racing horse—he is becoming an institution on cow ranches and in rodeo arenas all over the United States. Fundamentally, he was developed for the cow man. He is practically the only horse in the United States that has a useful purpose in helping mankind make a living.

Cowmen’s Favorite. The heavily-muscled quarters of this little cow horse, plus his blocky compactness and his speed of foot, make him a favorite of cow men all over the range country. He is especially good at cutting and working cattle and rodeo performers swear by his abilities. He is hardy and needs no pampering, is intelligent, responds to training easily and is very adaptable to varied conditions. Quarter Horses can be seen in every color, including the Palomino, with chestnuts probably having first rank. The color makes little difference if the breeding and conformation is evident in the Quarter Horse.

The history of this little dynamo of horse flesh dates back to Colonial days when a very serviceable horse was developed from the English and Dutch horses brought over by the early settlers. This horse weighed from 1,000 to 1,200 pounds, was closely built with short back, powerful mus-
It's That Good
RO Horse
LITTLE DOCK

AQHA 2456
AQRA Class “AA”

Sire: El Rey RO AQHA 896
Dam: Belle RO AQHA 890

He has won at every major track that I have taken him to. He can run at any distance, short or long, work stock and rope with the best. If you want the best in your colts—BREED TO LITTLE DOCK.

HE DOES IT AGAIN
At Las Vegas, he ran 220 yards in 12.3, carrying 130 lb., just 2/10 of a second off the world record time.

ALSO
At Salinas, he ran 440 yards, winning by an open length of daylight, handily, in 23.1, carrying 130 lb.

Fee $50 to “AA” class mares,
$100 to other approved mares.

LLOYD WALKER
ACE STABLES
8424 Atlantic Ave., Bell, Calif., Office Phone Kimball 6888

At Stud
Cue Ball
A.Q.H.A. 1367

He is a 3/4 brother to Midnight Junior. We recently purchased this eight-year-old proven sire from Mr. and Mrs. Andrew Garver, Raydon, Oklahoma. He is the working type with plenty of speed and a track record behind him in Oklahoma.

Young Midnight
Badger
Old Midnight
Norfleet
A. D. Reed

Salty
Billy the tuff
Peachy
Joy
Jane

Both Badger and A. D. Reed are by Peter McCue. Cue Ball is the true cowman’s working type horse.

Fee $75.00
Mrs. Anne D. Propfe – 36 Oak St., Colusa, Calif.

‘RED’ WARD at the Ranch

Regains Popularity. Early in the 19th Century the Thoroughbred was becoming very popular and racing was being developed over long distances. The “short” horse was all but forgotten during this time but about the turn of the century, it was picked up again by breeders in the southwest and reproduced in all its purity. There are many families of Quarter Horses—few regularly registered.

The oldest and most discussed family is the Peter McCue family. It is claimed Peter McCue sired more good Quarter Horses than any other stallion and they were outstanding working horses and many were outstanding short racers. Peter McCue was sired by Dan Tucker, another family builder. The Copper Bottom family was very popular in Texas and was known as a family of fine cutting horses. The Yellow Wolf family followed and came from the descendants of old Joe Bailey by Peter McCue. Other families included Travelers, Kentucky Whips, Cold Decks and Shilos.

The business of breeding of Quarter Horses is becoming a fascinating one, and is no longer the hit-and-miss program it used to be. The horsemen of the country are engaged in a great race and it isn’t altogether a horse race. It is a race to see who can breed the fastest Quarter Horses. They are all scrambling and beating the bushes to see who can come up with the fastest “short horse.” It isn’t enough now to produce a horse with just conformation. He must be able to run...
Quarter Horses, like people, have to be able to do something before they amount to much. You want colts that have the background to grow into capable horses that can do the work a Quarter Horse is cut out for.

Breed to that kind of a Quarter Horse and your chances are greatly improved for getting working horses. TipTop has done outstanding things in the show ring and in the rodeo arena. He has that natural cow sense that makes useful horses.

TipTop will stand the 1949 season to approved mares. Write or call for particulars. Accommodations for visiting mares at reasonable rates.

TIPTOP, some of his harem and his offspring, will be showing at the PCQHA Show at Pomona.

Watch for our sale consignment.

W. F. Stoody
2198 Workman Mill Rd. (State Rte. 35)—Phone 43023

WHITTIER            CALIFORNIA
Prominent Son of Pure Denmark

We are happy to be able to make available the services of this outstanding show and breeding stallion to horsemen of the West. He is sired by Pure Denmark by Peavine McDonald by Rex Peavine and out of Milady Minton by Crouch's Chief. This horse is a full brother to Milady Betty and Miss Chatterbox, both outstanding champions.

H. A. Petersen

Rt. 6, Box 407
Visalia, Calif.

Standing at Stud

Long Distance

410087

Tennessee Walking Horse

Dark chestnut son of Yellow Jacket by Last Chance by Hunter's Allen. Royally bred, a typical sire of show and pleasure Tennessee Walking Horses.

Walking Horses For Sale

We are offering several good show prospects and pleasure horses at this time. We invite you to see the ranch and visit with us.

KENMORE RANCH

Jim Rowan, Mgr.-Trainer
Box 1 Phone Hilldale 43083
San Diego County
GUATAY, CALIFORNIA

Stud Fee $35 to Approved Mares

Standing at Stud

Long Distance

410087

Tennessee Walking Horse

Dark chestnut son of Yellow Jacket by Last Chance by Hunter's Allen. Royally bred, a typical sire of show and pleasure Tennessee Walking Horses.

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Box 1 Phone Hilldale 43083
San Diego County
GUATAY, CALIFORNIA

Stud Fee $35 to Approved Mares

and run darn fast. The first thing a man will ask is “How fast can he run the 330?” or “Have you raced any of his colts?” Race tracks are springing up all over the country and many of them are being built just for racing Quarter Horses.

Speedy Bloodlines. There is, of course, a group of horsemen who still believe a Quarter Horse should be produced and sold on conformation alone but their number is diminishing. The smart breeders are looking closely at the bloodlines of horses before they buy and they are trying to breed a horse that is fast and still has the conformation. It takes a horse that is smart, intelligent, well muscled in both the forearm and gaskin and can run “like hell.” When you get this kind, then the buyers will flock to your door. It takes speedy bloodlines to breed and without the speedy ancestors, you very seldom breed a fast one.

A stallion with the conformation and speedy bloodlines is Chicaro Bill, owned by Glenn Chipperfield, Phoenix, Ariz. This 18-year-old horse was sired by Chicaro by Chicle, a Thoroughbred, John Dahl, Goliad, Texas, bred the horse. His mother was Verna Grace by Little Joe and he by Traveler, so there is plenty of speed in his ancestors. Ott Adams, the dean of horse breeders at Alice, Texas, bred Verna Grace and it is believed she still is alive on the King Ranch. It takes Ott Adams to tell you about Little Joe. He believed him to be the greatest Quarter Horse stallion that ever lived. A great many of the fastest Quarter Horses in the country today trace back to him in their pedigrees.

Chipperfield is a quiet, soft spoken man who runs a contracting business for a living and breeds Quarter Horses as a hobby. However, many of his 42 years in Arizona were spent on ranches and working with cattle and horses. “I always liked a good horse and even though you may not make any money breeding horses you can have a devil of a lot of fun,” he said as we were discussing his stallion. He bought Chicaro Bill in 1943 from Ron-
ald Mason, Nowata, Okla., and Elmer Hepler, Carlsbad, N. M. After he had studied his pedigree and had heard the cowboys in East and South Texas praising his offspring, he decided this was the horse he needed to try and breed a winner for him.

Speed Ball. "It is easy to point to the fast horses he has sired and, in fact, John Diahl raced him on several recognized tracks and he was a regular speed ball at any distance up to three-eighths of a mile," he went on to say. "It is also easy to find cowboys and rodeo performers in South Texas who are riding his offspring and they are plenty high on them," he said after we had taken Chicaro Bill's picture.

He is a horse that seems to do the job in siring both speed and working horses. Some of the speed horses he has sired are Arizona Girl, Parker's Chicaro, Senor Bill, Chicaro Girl, Chicaro Sue, Bill Dublin and many others. He is also the grand sire of Stella Moore, the little stock-footed, bald faced mare, owned by Q. I. Roberts, Palatka, Fla., that has been beaten only by Miss Princess in record-equalling time. Arizona Girl, now dead, was a celebrated running quarter mare that shared the record of 16 1/5 seconds for many years. All the others have been in the top brackets and are still running with the best.

The horse's ability as a sire of conformation and working horses is proven by a recent letter written to Chipperfield by Odie Sweeney, Quarter Horse breeder at Bay City, Texas, asking him to save a Chicaro Bill colt for him. Sweeney said in part: "Chicaro Bill was raised about 60 miles from us and we like his colts. They can do anything." That about sizes up what breeders think of the horse. Ott Adams also likes Chicaro Bill as he has seven of his daughters in his broodmare band. Adams is a believer in "breed the best to the best and to hell with the rest," so it is a compliment to Chicaro Bill to be rated with the best in the mind of Mr. Adams.

Racing Association. The Quarter Horse will still have to keep his usefulness to the ranchers of the country if he is to survive but those interested in racing are doing their "level best" to keep the sport clean and to keep it going. The American Quarter Racing Assn. was formally organized in February, 1945, to promote Quarter Horse racing as a sport and to provide a means of standardizing rules and regulations and insuring clean racing on a national basis. It has grown to a point where it has a membership of nearly 450 and has recognized 15 quarter tracks and racing associations. Registration is required for "racing purposes" in order to insure proper identification and to eliminate the running of ringers. Melville H. Haskell, Tucson Quarter Horse breeder, is president of the association and has been the "work horse" in building the pro-

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Never before has a young stallion captured the imagination of golden saddle breed enthusiasts as has GAY MEADOWS STONEWALL. The insistent demand for his services has forced us to change our policy and he will be available to a very few registered saddle bred mares that will be selected with the same care that we devoted to our foundation stock.

There is no better bred golden horse than GAY MEADOWS STONEWALL. He carries the heritage of six straight generations of the color on his sire's side. He comes from proved, potent, doing stock. See him and judge for yourself.

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Proven sire of Palomino colts. Chestnut.

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Proven sire of Palomino colts. Chestnut.

Mr. and Mrs. Paul Dupuituis
Wyoming

gram and must be given full credit for its accomplishment to date.

Yes, the Quarter Horse is quite the center of attraction wherever horsemen meet. There are those who believe he can survive on conformation alone; there are those who believe he will survive on his racing ability; there are those who believe he must be crossed on Thoroughbreds; there are those who believe Thoroughbred blood is not necessary. Regardless of what you believe, he is going right on setting records on the Quarter Horse track, carrying rodeo performers to new records, and working cattle to perfection. He is quite a horse any way you look at him. Buy or ride a good one some time and you will agree.
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EASTER MACK and TWO FULL BROTHERS

All three of these 5-gaited Stallions have what is required in CONFORMATION and BREEDING for TOP SHOW HORSES and Sires.

SIRE: Rex McDonald 833
DAM: Easter Surprise 30069

GOLDEN EASTER McDonald: 7-yr. Golden Chest. 16-H, flaxen mane and tail, blaze and 3 white stockings.
SIRE: Rex King Lee 8496
DAM: Easter Cloud 4126

BLACK CLOUD McDonald 6-yr. Black 15:2-H, star and snip.
SIRE: Maude Roddy King 6465
DAM: Myrtle Miller 17982

The Above Stallions are of the last generation of Championship Blood Lines which are so much desired by all smart Horsemen.

RED PIRATE: 24089, 4-yr., 5-gaited Bay Geld. Sire: Pirate Gold. Dam: Marie Lawson, a champion show mare by San Juan. At the recent Clifford Moores' sale at Lexington, Kentucky, a great many horsemen conceded him a leading show prospect.

EMPRESS HIGHLAND: 42145, 4-yr. Chest. filly. Sire: Highland Pat. Dam: Invincible Lady. She has great conformation, style, action, finish and bloom to make a great show mare. She is full sister to Patricia Highland. Has been broken to ride and drive.

BEAU HIGHLAND: 24143, 4-yr. Chest. Geld. Sire: Highland Pat. Dam: Ima Belle. He is a full brother to Georgeous Highland who won State Fair Junior Championship. He made sensational showing of style, action, bloom, finish etc. in California 5-gaited Futurity, at Los Angeles.

FANCY FREE McDARE: 42388, 3-yr. Bay Filly, Sire: Darewine. Dam: Edna Owens. She has good conformation, style, action and manners, broken to drive and ride. Has wonderful disposition, should make good amateur show mare. You cannot help but like this young prospect.


LADY SENSATION: 35881, 6-yr. Chest. 3-gaited. Sire: Highland Pat. Dam: Invincible Lady. She has great conformation, style, action, finish and bloom to make a great show mare. She is a full sister to Patricia and Empress Highland. She is an impressive Man's Mare. 15:3-H, and shown successfully.

GRAND DENMARK: 27118, 2-yr. Chest. Stallion. Sire: Pure Denmark. Dam: Easter Lily Lee. This colt has the conformation, breeding, style and action to make a grand breeding stallion and show horse. His two full brothers are Futurity money winners.

DUCHESS HIGHLAND: 42420, 4-yr. Chest. Mare. Sire: Highland Pat. Dam: Country Charm. She has great conformation, finish, style, way of going. Excellent manners, broken to do 5-gaits for amateur or lady.

BLACK MAGIC: 5-yr. Black Geld. star. 15:1-H. Sire: Cuban Chief. Dam: Standard Mare. He is perfectly broke to drive and ride, has fine conformation, very sharp in his style, action and way of going. He is well established in his 5-gaits and should prove a champion amateur horse.

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Son of Country Doctor ASHBA 18298 by Country Gentleman ASHBA 12136. Bright chestnut, a bold horse with wonderful gaits and disposition.

AT STUD to approved mares, book now, for the season.

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COMING 7-year-old sired by Kneeigh in Sherwood, out of mare by Herion Chief ASHBA 9904 by Marshall McDonald ASHBA 4120. Foaled Sept. 26, 1947, marked like his sire and chestnut color.

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KALAMATH FALLS OREGON

NO BRIDLE, NO SADDLE—Judy Garland, registered American Saddle mare owned by B. L. Walker, Dunbar, Neb., going through her slow gait without a bridle or saddle. This 8-year-old mare has become widely known, has been shown as a high-schooled bridleless five-gaited saddle horse in Nebraska, Iowa, Missouri, Kansas and South Dakota. She is believed to be the only mare in this country thus trained. Owner-trainer Walker is up in this picture.

Horse Tails
By NICK

It was a brisk morning for Southern California as the men cleaned the frost from the wings of Major Moseley’s “Full House” at the grand central airport at Glendale, preparatory to our take-off for Denver and the livestock show. Bruce Moseley, a student at USC, was all ready for the trip with his dad to look over the Moseley Hereford Ranch cattle at Denver and John Stoic of Cal-Aero Technical Institute stood ready with his brief case to board at a moment’s notice. Up strode a good looking, tall fellow, a pilot captain for Western Airlines and he looked things over. Forrest Bassford was ready and waiting and I was plainly excited.

Don Cates, the co-pilot and engineer, stepped into the plane, motioned for us and we all climbed aboard the DC-3 of solid comfort. Now this pilot fellow and I got to talking and somehow the conversation got to horses. I can’t imagine how. Anyway, his name is Jim Stone and his father is that well known Tennessee Walking Horse breeder B. F. Stone of Tulare. From that moment on, I had no pangs about the trip by air, we had a good man at the helm. It was a beautiful trip of 5 ½ hours with snow below nearly all the way and interesting conversation to shorten the trip.

Denver Notes. Denver was a most interesting trip and horsemen from all over the country were there. Bob Hooper, new AQHA president, was interested in the judging and sale and so was Perry Cotton, the judge from Visalia. Ask Perry some time about this flying stuff, he has it right. Bryson Van Gundy was busy as two men arranging everything. Paul Grafe was busy buying the top filly of the Quarter Horse Sale. Herman Snyder came off with two good ones that you will hear from around Pendleton this spring. Hank Wiescamp was like a kid with two suckers at once—he took down both Quarter Horse championships with his string and two Palomino championships. Freddie Chandler “spelled” Hank in the auction and rolled along with an interesting chant. Albert Mitchell looked like he enjoyed every minute and was glad to pass the gavel of AQHA leadership to his good friend Hooper. Raymond Hollingsworth was busy buying things and Charlie Morrison was trying to get the results. Gosh, there were hundreds of good horsemen, can’t get them all in one column, but they were there.

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AHC 2180 Chestnut 15.1 Hands
7 yrs. old—1000 lb.

A limited amount of service to our prize-winning son of the imported Latif, A.H.C. 1454.

**POTIF** AHC 3942

Age 3. Chestnut with Flaxen Tail and Mane. White Markings. Accommodations for visiting mares. Rate $1.00 per day.

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Will Stand To A Few Approved Mares

Due to his young age, we are accepting only a few mares this year. He is a golden chestnut with flaxen mane and tail, displaying sparkling Arabian conformation and animation. He is sired by Jedran AHC 900 and out of Ghrazal AHC 1825, she by Almashar.

JEDRAZAL—AHC 4136

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American Saddle Horses • Hackneys • Roadsters
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Bonita Valley Farm
Mrs. D. F. Fesler, Owner, Bonita, Calif.

We are selling our complete show stable including: Thibaut's Dutch Lady, Grace's Chiefian, Miss Cynthia, Mattie Mercer, Bonita Valley Prick, Mr. Blake, Bonita Valley Sparkle, Country Doctor and others, featuring the bloodlines of our stallion Thibaut Chief (He is not for sale). Besides being top show horses, many will be outstanding for breeding stock after their show careers are finished.

Tic-On Stock Farm
Paul Berry, Owner, El Cajon, Calif.

Our entire show stable including breeding stock will be sold in this sale. Some of our well known and popular horses to be sold are: Murietta Mountbatten, IIIa Lee, La Jolla Actress, Murietta Sally O, Lois Mason, T. O. Washington Squirrel, Forest Fire, Pacoima Fire, Stonehedge Video, Mrs Choice and others. Horses may be inspected at the ranch before the sale.

Saturday, March 26, 10 a. m.—40 Head Polo Grounds, San Diego, Calif.

Including Show Horses • Pleasure Horses • Walking Horses and Reg. Palomino Saddle Horses from Top Stables

From many of the top breeders of the Pacific Coast will come outstanding show prospects, pleasure horses and Tennessee Walking Horses. The Nod-N-Walk ranch, of Escondido, is consigning 5 head including the spectacular Gold Boots H, a son of Gold Bond. All are fine Walking Horses. Mrs. Gladys Kibbee is consigning 3 head including a half sister to Dorris Keane’s Chief. Sunny Vale Farm, Montebello is consigning one filly. Gay Meadows is sending a registered American Saddle Horse Palomino. Sunset Farms, San Fernando are consigning 4 prospects. And others representing outstanding families of the American Saddle Horse breed.

Horses will be checked by Licensed Veterinarian

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Proven as an Arabian sire. Possessor of great inheritance of which he has the ability to reproduce. As an individual ARABI KABIR is hard to beat. In the pedigree, note two crosses to Skowronek, and further back are five crosses to Mesaud, one of the great sires of the breed.

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ARABI KABIR

CHAMPION

ly owned by Glen Chipperfield at Phoenix. Tom Meanley Jr., now a farm editor in Memphis, Tenn., was out to visit his family, the Thomas Meanley's of Miramar, Calif., during the holidays. He has bought a farm near Memphis and is busy now getting ready to put cattle on it.

Edwards to Oregon. Understand Cecil Edwards is planning to spend two months in the Oregon country about now. Hope he doesn't forget where his home is. Myra Moss of San Marino, Calif., was the purchaser of the good 3-gaited mare Country Personality formerly shown by Roy Register and owned by Tom Wright. Mrs. A. W. Pike, Palo Alto, recently purchased Anacacho Parade from Tom Wright. Parr Norton at Gateway, Ore., recently purchased practically all of the Quarter Horses owned by Donald Baillard at Carpentaria. Understood they were all sent to the ranch in Oregon. Word comes that Bob Freeman is thinking of getting out of the Quarter Horse business. Someone talk to those folks, we all like them and want to have them in the game. No, he won't sell Billy Byrne or Lady Browning.

It is a Palomino stud colt at C. C. Goodson's ranch at Chino, Calif., sired by Allamar. The colt was foaled Jan. 24 and has four white stockings, a blaze in his face and white mane and tail. A parade prospect. Raseyn, the grand old stallion at the Kellogg Horse Ranch, has been taken to Alice and John Payne's Arabian Horse Ranch at Whittier, Calif. Did you see their very attractive brochure on their horses? See Top Hat's Golden Splendor's picture on the calendar of the California State Horsemen's Association.

Future Looks Good. John Lilley thinks the Quarter Horse business will be as good or better than last year with a good demand for high quality horses. Ray Morris says the leveling off of business the past couple of months is a good thing to stop the boom and bust economy and that good horses are selling better than ever before. He thinks the possibility of pari-mutuel betting on Quarter Horses will give a steady working value for the horses, if it comes to pass.

C. A. Ranney at Santa Ana, Calif., reports that Danny McCue, a son of his Quarter Horse Danny, was champion Quarter Horse at the Oregon State Fair in 1948. Betty Park Townsend reported three inches of snow at Los Olivos, Calif., during the snow that blanketed Southern California in January. Forrest Homer says that the snow there was much deeper and the three inches fell on Jan. 21.

W. M. Nelson of San Francisco recently purchased a Morgan stallion from Mrs. Lillian Jacobsen of Modesto. Lucille Stewart, well known horse photographer of Los Angeles was married on January 23 to William E. Hearn Jr.
Top Rating Futurity Stallion Again!

THIBAULT CHIEF
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Sire: Mercer Rex, by Rex Peavine.
Dam: Katherine Maid, by Washington Chief.

For the second year, Thibaut Chief has stood at the head of the list as the sire of winning colts in the California American Saddle Horse Futurity. His colts have ability, personality and show horse ways.

Fee $100 at time of service with return privileges within the year, 1949.

Our Sale Consignment

We are selling all of our show stable of horses and most of our brood mares March 26 at the Polo Grounds, San Diego. This dispersal of our show stable constitutes one of the outstanding offerings ever made on the Pacific Coast. Write for catalogs and information.

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CALIFORNIA
INCE earliest days the love of a good horse and admiration for good horsemanship has been inherent among Californians and other westerners. In the days of the Dons, a child on one of the great ranchos learned to ride almost as soon as it learned to walk, and probably did far more riding than walking when he became older. Competitions of the vaqueros were part of the great fiestas, with horse racing and amazing feats of skill by those hard riding early day cowboys critically observed by spectators.

The formalized horse show, as we know it today, was a long time in developing to its standard but it has long been a part of the California State Fair, where the first competitions of modern days were held in this state. Purebreds trained for the ring were still few in California when the first horse show was held at the State Fair in 1904, but with annual shows since that year, the number and quality of animals exhibited have continually improved. Today horse shows in California rate with the best anywhere in the nation in the fine breeding of the horses shown and the excellent horsemanship displayed.

New Era. At the gold rush just a century ago and the first boost that the great migration of the 49ers gave to the cattle business, the great ranchos gave way to wheat farmers and the vaquero became a rarity. There were many fine riders, it was true, but the showmanship and the stirring competitions were neglected. With the inauguration of horse shows at the State Fair in 1904, a new era began which has culminated in today's scores of shows.

The 1904 show was more or less a hippodrome event, and nearly all the horses were supplied by San Francisco riding schools. High school horses were the big attraction and with the horse and buggy still the most common means of transportation, a display of fine carriages was a part of the horse show. Road horses, pleasure horses, those of the carriage type, runabouts and Hackneys were among the classes shown.

When a new race track was built at the present Stockton boulevard site of the State Fair, the horse show was held in front of the wooden grandstand. The show was more like a rodeo that opening year of 1905, with bronco busting and other events of the old West emphasized. The breeding and "show classes" also competed in front of the grandstand, between harness races, and the horse show was held there for several years.

Market Created. Gradually, more and more spectators came to enjoy the high class performances as the State Fair horse show graduated to a tent which seated 3,000. Other horse shows were started in San Francisco, Oakland, Menlo Park, Stockton, Santa Barbara, and Coronado and with several of these shows grouped into a circuit exhibitors from the Eastern states became more numerous. Some came West to show their horses and others primarily to make sales. As Western crowds attending the shows became more familiar with them and more appreciative of the quality of the animals, they began to buy and ride their own horses in competition. This created a ready market, which in turn attracted more Eastern owners ready to exhibit their steeds and then sell them before returning home.

It was in 1918 when the Pacific Coast Gaited Saddle Horse Assn. was formed, and to encourage feminine riders it offered a special prize for a ladies' class. By 1912 the State Fair was offering $500 in premiums and prizes—still a far cry from the $300,000 offered at the 1948 exposition horse show in Sacramento. Growth of all the shows was steady, with ever increasing attendance and entries. In 1913 the State Agricultural Society which operates the State Fair, offered $200 in a futurity for saddledbred horses. Another event which was long remembered came in 1914 when E. A. Trowbridge, professor of the University of Missouri, accepted an invitation to come to California from Columbia to judge the horse show.

Other Shows. The first major Los Angeles show was held in an area adjoining the Ambassador Hotel in 1922. Tevis Paine recalls that he carried lumber to help build the ring and seats and then was informed by Manager T. T. Strain that he would be assistant manager and ringmaster. The Los Angeles affair was completely formal and Tev rushed to get his cutaway and top hat before the grand opening.

Strain also was manager at that time of the Pacific International horse show in Portland, where some extremely
FOR SALE

BINT FARON AHC 4578, grey Arabian filly, foaled May 29, 1948, Sire: Zarife AHC 885.

Dam: Faron AHC 1626. Bin Faron’s paternal granddam was the beautiful mare Mahrousa and through her dam she is a granddaughter of champion Raneck AHC 907 and a great-granddaughter of both Rashin AHC 597 and Naar AHC 889.

For sale, Remount registered half Arabian colts sire by Kaid.

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Bay...8-year-old...15 hands
1025 lbs.

Formerly owned by us, Terhani is now the property of H. T. Lutz, but he will stand at our ranch this season to approved mares. We will welcome a visit from you to look at him, see his fillies.

Fillies for sale at the ranch

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FERNLEYN
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Fernley is sired by Fernley and out of Moneyna, the great bridle-place mare I have ridden in many parades and shows. She was the Grand Champion of the All Arabian Show in 1948 and the winner of the Kellogg Perpetual Trophy for the Best Arab of 1948. Fee $50 with return to approved mares.

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fine animals always were exhibited. Another fine affair always was held at Santa Barbara, where the traditional love of good horseflesh has persisted since early Spanish days.

The horse shows throughout the state not only brought high class animals to California from the East, to remain and build up championship strings; they stimulated the establishment of California breeding farms and soon young horses began to appear in competition. Up to this time most of the horses shown were owned by exhibitors with large stables.

**Learned the Hard Way.** Most of the new exhibitors, whose desire to own riding horses had been stimulated by the shows, started with “just a horse.” They found, however, if they entered competition that their animal could not win against the purebred show horses, and although their education was often slow and expensive, they discovered that they must own better bred horses to win the blues. Horse shows throughout the state made them conscious of breed, conformation, quality, good manners, and performance—the basic qualities upon which a show horse is judged. The ordinary horse of questionable breeding, with poor conformation, gave way to the true show animal.

Shows went along about on this level, with some smaller shows being established, until 1925, when voters legalized pari-mutuel wagering on horse racing. One of the provisions in this proposition, which played a major part in influencing the people’s approval, was that four per cent of each betting pool was to go to the State of California for the support of the shows, started with the establishment of California breeding farms and soon young horses began to appear in competition. Up to this time most of the horses shown were owned by exhibitors with large stables.

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STALLIONS imported from Arabia crossed on the best mares of established bloodlines—providing the long needed out-crosses for American breeders.

And... The desert-bred Arabian sire pictured here imported by San Simeon Stables in 1947

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MHR 9163
At Stud and For Sale
Four years old, deep chestnut, gentle and easy to handle, Good manners and in excellent condition.
Sire: Harris Linsley 7841
Dam: Gwena lan 05178
Carl W. Lane
4107 Bisbee St., Klamath Falls, Oregon

For Sale
Reg. Morgan Stallion
chestnut, seven years old, Two bred registered Morgan brood mares.
ROBERT G. SCHULTZ
YREKA CALIF.

a poor horse. Exhibitors began to realize that a good horse could do more and better work, afford more pleasure, yet eat no more than a poor horse so, sooner or later, buyers were in the market for a better mount.

A great many spectators soon joined the ranks of those who ride. As the number of shows increased and more people attended and enjoyed them, horse interest grew and the use of horses for pleasure grew. Soon whole families were mounted, riding clubs were established, and uniformed groups and drill teams were organized. Horsemen's associations grew up and finally were grouped together into the California State Horsemen's Assn. composed of 205 local associations divided into 12 districts. The association has a total membership of 22,000.

Quality Improves. Not only have popular interest and the number of horses in use increased, but the quality of horses has shown a marked improvement. Today the horses competing in local classes in shows started 10 years ago in no way resemble the nondescript animals which local owners first rode in competition. The interest in quality, breeding, and type has become general. due to the education afforded by horse shows and fairs.

Competition no longer is confined to exhibitors with large stables. The bulk of exhibitors now are those with from one to four horses, and most of these own only one horse.

Thus the benefit derived from education through competition is being enjoyed by an ever increasing number of people, and horse shows definitely have taken their rightful place in our agricultural education system. Their value in popularizing the healthy pastime of owning, breeding, and training high quality animals is unquestioned. In the aggregate the breeding of purebreds is big business, with the farmers who grow hay and grain, saddle and harness makers, and many others sharing in the profits. Even so, the owner of one horse may be just as proud a winner in the show ring as the owner of the finest stable. It is the responsibility of all who participate to keep horse shows interesting, clean, entertaining, and instructive, with exhibitors and officials working together to maintain a high level of competition where every owner is welcome and every new horse shown receives their enthusiastic support.
Arabians—

Hearst Ranch Sires
Ghazi & Kasar Die

WITH the death last fall of Ghazi and Kasar, only one of the original foundation Arabian sires purchased 15 years ago by William Randolph Hearst is now standing at the famous San Simeon Ranch stud. The 21-year-old Rahas, prominent son of Gulastra, is the surviving member of the trio, and can now boast of being the sire or grandsire of more blue-ribbon winning Arabs than any other Arabian horse in the United States.

Best remembered for his striking appearance, Ghazi was snow white, and sired many sons and daughters which brought him fame by their performances in trail and endurance rides, in the show rings and in the breeding field. In addition to his extensive use in pure Arabian breeding, Ghazi served many Morgan and grade mares, and brought prominence to the Morab breed, a well-known creation of the Hearst Ranch among stock men and cowboys. Ghazi's sire, *Rodan was imported by William Robinson Brown at the famous Mayneboro Stud, Berlin, N. H., from Crabbett Park in England. His dam, Guemura, is considered by many breeders as one of the three leading producing mares of all the original foundation stock of early American Arabs.

Kasar, four years Ghazi's junior, was one of the rare Arabs of pure Davenport breeding, tracing all of his ancestors through only three generations directly to the importation of Homer Davenport in 1906. He spent his early years at the Kellogg Ranch in Pomona, Calif., where he graduated from the school which only a rare few of the horses attended at that time. His career as a breeding stallion parallels that of Ghazi. His offspring have been of exceptionally good type and were particularly noted for the fine, well-balanced proportion throughout their body conformation.

Last year 14 desert-bred horses were imported from Arabia and introduced into the breeding program at the Hearst Ranch. Eight of these 14 were mares, and all eight were bred to Ghazi, Kasar and Rahas, in an effort to secure a cross from these old stallions and the new, fresh blood. A great portion of the mares that comprised the group mated to these stallions in the past have equally as illustrious backgrounds as had the stallions. In keeping with the program at the Hearst Ranch, the mares are being mated to the stallions which came from the desert to further add to the diversified breeding and thus supply an outcross within the breed.

When a woman goes on a drastic diet, she has one or both of two objectives in mind—to retain her girlish figure or her boyish husband.

 зарегистриert Morgan Stallion
LEE CARMEN
MHR 9212

This outstanding 4-year-old stallion is by Ken Carmen 7815 by Jubilee King 7570 and out of Fan R.M. 05242 by Romanesque 7297 by Red Oak 5249. He is an exceptionally striking horse, chestnut with flaxen mane and tail, stands 15.1, weighs 1075. Sound and gentle.

ALSO FOR SALE, a young stallion ANDY'S SKY BOY MHR 8839

He is a beautiful black 6-year-old 15 hands and weighs 1080 lb. He has quality and still maintains Morgan characteristics, making him an outstanding parade horse and sire of quality colts.

Fee $50 to Approved Mares

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Following closely some of the outstanding families of the Morgan breed, this stallion goes directly to General Pershing on his sire's side as well as the prominent sire Barney Hudson. On the dam's side he goes immediately to Mountcrest Sellman, one of the great western sires, from the Sellman foundation.

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Mr. and Mrs. C. M. Deardorff
South Clay St. SANTA ANA, CALIFORNIA
"Horses Are My Hobby"

By A. G. RUTHVEN
President, University of Michigan

*Dr. Ruthven, a member of the board of directors of the Morgan Horse Club, is regarded as one of the best-known and well-informed men on Morgan horses in the central United States. He was born in Rutheen, I., where his father bred and raised Morgan horses. He owns Stoneriggle Stables, and has as "head man" Lippitt Moor Ash, a registered Morgan stallion, sired by Lippitt Moor.*

THERE are several generally applicable reasons why everyone should have an avocation. The choice of a hobby, however, is usually determined by the habits and attitudes, and even idiosyncrasies, of the individual. If you do not have a hobby do not laugh at the stamp collector, the bug collector, or the amateur golfer or gardener; the chances are he is pitying you.

When people ask me why I have horses as a hobby my reply is usually: "I am just doing what comes naturally." I am the next to the last of a long family line of horse lovers. My interest in the Morgan horse, however, requires a more elaborate explanation.

By training I am a biologist, a schoolteacher, and a student of conservation, and these acquired characteristics have long given me a particular interest in this animal.

In 1790 a schoolmaster in Vermont journeyed down to Springfield, Massachusetts, to collect a debt. He needed the money for, like most schoolteachers, he was hard up. Unfortunately, as he thought at the time, or fortunately, as it later proved to be, the man in his debt had no cash and was compelled to give his creditor a sparkling and, as he was described, a "curious" little colt, destined to make his owner famous.

Justin Morgan. The schoolmaster, Justin Morgan, returned to his home, where the colt attracted much attention. He was evidently to develop into a small horse but one of great beauty and strength. His early promise was fulfilled. As he matured he became astonishingly strong and fleet, exhibited a good disposition, unusual intelligence, courage, and spirit, great powers of endurance, and a prepotency which carried his excellence through all future generations of his descendants. He was known as the Big Little Horse and was first given the name of "Figure." After the death of his owner, he was named Justin Morgan. He was a small horse, about 14 hands high, and weighed less than 1000 lb. He had a short back, small erect ears, short stout legs and a broad forehead. He died of an injury in 1821 at the age of 32. In 1921 a bronze statue was erected in his honor and in 1939 he was memorialized by action of the Vermont Legislature, the conclusion of which reads: "Vermont is famous for men, women, maple sugar, and Morgan Horses. The first are strong, the latter fleet. The second and third are exceedingly sweet and all are uncommonly hard to beat."

Comeback Trail. For many years during its early history this horse was a popular breed. It was truly a general purpose horse, being a reliable farm animal, a good roadster, and an excellent saddle. During the Civil War it was a very popular cavalry horse, and has contributed valuable characteristics to such artificial breeds as the Kentucky saddle horse, and the Standardbred horses, namely the trotters and pacers. As often happens with domestic breeds, the Morgan was neglected after a time for other varieties, but before it was lost the U. S. Government and a number of fanciers rescued it. It is now increasing in popularity and the blood lines are carefully recorded in a National Register. It may be said to be the only truly American breed of horses.

Only one who loves horses can understand the pleasure to be derived from association with the Morgan. The slogan of the Morgan enthusiasts is "To know a Morgan is to love a Morgan." In intelligence these animals are more like dogs than like other horses. They are affectionate and tractable but at the same time are animated and beautiful animals.

Origin Unimportant. The expression often heard that all horsemanship is fairs is a cullumny. It must be admitted, however, that most of them are imaginative and proudly prejudiced. This is no less true of Morgan fanciers than of others. It is best illustrated by the explanations that have been concocted of the origin of Justin Morgan. There are attempts to give him an aristocratic ancestry which he does not need. There is no reliable evidence that he was an off-shoot of Arabian or Thoroughbred crosses. The best explanation of his sudden appearance is that he represented a mutation or, as
it is more popularly known, a sport. The supporting evidence for this view is his potency and striking biological characteristics. However, as is true of most domestic breeds, we will never be certain as to his real origin, that is, the ancestors of Justin Morgan can never be known. As a matter of fact, it is not necessary to speculate in this field, for at least the owners of Morgans are satisfied to have them as they are and anxious to preserve the race. I submit that the raising of these beautiful, intelligent, affectionate creatures is a satisfying avocation, at least for a horseman schoolteacher, biologist and conservationist. If anyone doubts this statement, in the words of a well-known actress, "come up and see me sometime."

**Riding Group — Arizona Horsemen Form Pleasure Club**

A GROUP of horsemen and their wives in Litchfield Park, Ariz., have formed an enthusiastic club to further the purpose of promoting and stimulating interest in horses, and to promote good fellowship and recreation for those in the club. One of the beautiful ranchos in the community will periodically play host to barbeque and dancing events after horseriding or hay rides over desert trails. The first activity of the new group took place a couple of months ago. Loco Arce, a cowboy from the Goodyear Farms, piloted the hay wagon party and horse-backers through cactus mesquite and greasewoods across the desert by the light of a full harvest moon.

Sunset Point was the destination. Advance members had a huge, blazing bonfire to greet the surprised cowboys and cowgirls. Refreshments and entertainment followed. To add more excitement to the evening's pleasure, a mock holdup was staged by Arce and two henchmen "outlaws."

Tanto Major Rancho was the journey's climax—potluck and dancing on the beautiful and spacious lawns made gala for the occasion.

The efforts of Mr. and Mrs. George Lauman of Tanto Major Rancho and Grady Watkins, assistant manager of Goodyear Farms Co., combined with the cooperation of all club members, made the event a tremendous success.

Dr. H. D. Hoskins and Tom Wright feel that more stress should be placed on getting young amateurs interested in showing American Saddle Horses. That is where the sport is really a sport. International Harvester World has a good story about Palominos in their December issue.

Accidents around farm machinery cause the death of 4,500 farmers every year because of carelessness or haste.

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**Breed Morgans — For Pleasure Horses**

**Lippitt Mormon**

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Only stallion of any breed to win the 100-mile Vermont Trail Ride, won 3 awards in 1946.

Sire: Mansfield Dam: Lippitt Kate Moro by Moro.

15 hands, 1120 lb. 9 years.

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We have for sale, 2 registered Morgan mares of proven ability as producers, as well as a few colts and fillies.

**Merle Little**

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**Mare Owners — SEE MAC TONE**

MHR 9407

Liver chestnut 15 hands.

Foaled March 6, 1946. Fee $50 with returns for season $35 to grade mares.

See this rapid developing young stallion before your mares are bred this spring.

This stallion is young, solid stock, developing constantly and consistently won in breeding classes in 1948.

He is out of the fine eastern bred stallion Gay Mac and has much General Gates in his bloodlines. He appears four times in Mac Tone's pedigree along with other great such as Mansfield, Bennington and Red Oak.

Be sure to consider this horse in 1949.

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Tel. Cypress 60111
Horses stand in the corral before Sy Hill, who runs the bucking off, singles out the colt to be ridden, in this case the first colt on the left, standing with his head to the camera.

Sy Hill on his working stock horse catches the colt, halts him end with a couple of turns around the saddle horn takes the colt around the corral a few times to quiet him down.

Horse Breakin'

Sy Mullin takes over in the saddle of the “old standby” while Hill makes attempt to quiet the colt before saddling him.

They're still breakin' horses the old style in much of the West as shown by Darwin Yeager riding his first colt while Sy Hill, veteran horseman, helps with the proceedings at H. J. Buchenau's Ranch at Firebaugh, Calif. With a high percentage of Thoroughbred blood, the 2-year-old in this series was no great problem, though he had his wild moments. Usually the colts are saddled in a chute which takes less time and gives the youngsters less opportunity to fight back.

While Hill watches (lower left) Yeager attempts to throw the saddle on the youngster. The colt jumped out from under the saddle twice before he finally allowed it to be put on.

After several tries, the colt stands while Hill, back on the saddle horse, tightens the cinch. Colt by this time has respect for the working stock horse and is more or less subdued.
Yeager climbs aboard the colt and Hill gives him the halter shank. With one wild jump the youngster moves faster than cameraman and nearly jumps out of view of the camera. Several spectacular jumps were made, but since the horse has been in the corral many times, he does not make attempt to jump through the fence.

Finding he can't get rid of his rider, the 2-year-old is now content to be turned around with the halter shank and begins moving around the outside of the corral, walking and trotting without much trouble. Several times he tried to "bog" his head, but soon decided that it was easier to move around the enclosure at the rider's bidding. Before Yeager got off, the colt was well quieted and showed willingness to turn easily, when pulled around by the rider.

Job done, Yeager pulls the saddle off and walks triumphantly out of the corral with a satisfied grin on his face. Hill holds colt, still riding his saddle horse. Yeager got off and unsaddled the broken colt after giving lead rope to Hill.
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With 4 generations of solid Morgan blood in their pedigrees, our offerings consist of some of the most prominent families of the breed in the past and present. We have for sale 2 coming 3-year-old colts sired by Montabell Gift and 2 brood mares of quality that are good producers.

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25251 Valmar Road Prospect 4192 Calabasas, Calif.

Shetlands—
Pony Raisers Expand Activities

Between livestock and dairy auctioneering, Ord Leachman and his son Bill have become each year more interested in the raising of Shetland ponies on their ranch at Elk Grove, Calif. Five years ago, the first ponies were bought, and because of the interest and demand for Shetland ponies on the West Coast, a band of 60 to 70 broodmares can always be found at the Leachman ranch today. Tom Fleming, veteran trainer and breeder of Shetland and Hackney ponies, is a junior partner in the enterprise.

The first mares were purchased in 1944. Since that date, literally hundreds of Shetland ponies of all types have passed through the Leachman ranch to buyers in nearly all the Western and Midwestern states. The Leachmans have held four auction sales of Shetland ponies at the ranch, averaging $217 per head.

Many of the ponies find their way to the little pony rings that are so popular with city and town youngsters. They also serve as lovable and useful pets for small children. According to Ord Leachman, "if the ponies are bought as colts, and the colt and child are allowed to grow together, both will benefit from the experience."

The raising of Shetlands is about the same as any other kind of horse. The Leachmans run their breeding herd on 160 acres of permanent pasture and the same number of acres of dry pasture during the year. Forty acres of permanent pasture and about 160 acres of dry pasture will be sufficient for a herd of about 100 Shetland ponies, since five ponies will consume as much feed as one saddle horse. The ponies do not care too much for California clover but they go for the other legumes and grasses found in the average permanent pasture.

Both registered and grade mares make up the breeding herd at the Leachman ranch. The registered mares cost $400-500 and up. Leachman has been careful to use top bloodlines in his breeding program. At the present, Mystery Lad is the senior sire.

Shetlands are durable and long-lived according to Leachman. One mare in the Leachman herd is 32 years old. She served in a pony ring for 20 years and has had a total of 18 colts. Shetland colts average around $150 a head and this little mare is certainly evidence that Shetlands can be profitable to raise.

Babes With the Goods
By S. Omar Barker
Men dote on baby-sitters. As you have guessed, perhaps, We mean the doll variety Who sometimes sit on laps!
Tack Rooms
Show Place of the Stable Has Distinct Personality

Photos by John Williamson

Each stable owner takes great pride in the tack room and equipment he has. Depending upon the use of the horses, the tack room takes on an air and personality that represents the horses in the stalls. They are indeed the show window for all the stable.

Formal tack rooms have in most places of the west made way for practical, simple rooms, but the American Saddle horse and harness horse tack room still maintains much of the "Boston touch."

With large natural color paintings by Nicholas S. Ferrires depicting the different costumes and saddles of riders, the Dwight Murphy tack room in Santa Ynez Valley has a grandness that carries through to the beautiful silver equipment used for parades, as well as some unique and authentic Spanish and Mexican saddles.

C. M. Deardorff Stable, Santa Ana, devotes much interest to silver equipment and ribbon winnings of horses. Tack room dates to 1890.

J. A. Smith Stable, El Monte. Hackneys and Harness Show Ponies require special tack for ponies of different size and classification.

Ella Mae Shofner Stable, Montebello, illustrates a useful but not create tack room for Saddle Horses. Note plastic harness covers.

One of the most formal tack rooms is that for harness horses and ponies, depicted by the impeccable tack room of the J. A. Smith stable devoted to the showing of Hackneys and Harness Show ponies. Note the horn on the table, used to call classes at the shows. Each set of harness is made for a particular class and rig. Appointments

Bob Egan Stable, Pacific Palisades, is a training and show stable for Hunters, Jumpers and Polo Ponies, hence special equipment.
Monte L.  
MHR 8423  
At Stud

Copper chestnut, stands 15.1 hands, weighs 1150 lb.  

Fee $50 to approved registered mares.  
A few mares and fillies for sale.

Rex Ranch  
Rt. 1, Box 610, 21st and Irvine Sts.  
Phone: Beacon 6079-J  
Registered Morgans  
Costa Mesa  
California

Redman No. 8056  
Truly a fine Morgan—definitely a proven sire.

Sire: Mountcrest Sellman  
Dam: Red Dot  
He has proved himself as a show horse and is a useful working cow horse as well as mountain horse. His colts have his wonderful disposition and stamina.

Visitors Welcome  
Warren J. Halliday  
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For Application Forms, write

The PALOMINO HORSE REGISTRY, Inc.  
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REVOLVING SADDLE RACK—This pipe saddle rack developed by Merle Little, Monrovia, Calif., will handle 12 saddles in a minimum of space. It can be put in a corner of the tack room. It turns round readily so you can pick out the saddle you want. Pipes on which saddles rest are welded to the vertical pipe that moves on a bearing on each end, one attached to the ceiling, and the other one attached to the floor.  

in these classes are most important.  
An innovation in the Ella Mae Shofner Stable tack room at Montebello is the saddle cleaning stand that holds all the cleaning equipment for saddles, harness and bridles, conveniently kept in place and handy for immediate use. Displaying their ribbons of successful competition, many pictures of winning horses in the stable and the ornate silver saddles used for parade, the C. M. Deardorff tack room has been in active service for 58 years. Its first use was to keep the harness for the Standardbreds that once were so popular on the ranch.

Typical of the tack rooms for hunters, jumpers and polo ponies, is the stable of Bob Egan at Riviera Country Club. Tack box holds coolers, rub rags, cleaning equipment, hammers, nails and other gear necessary for stable that travels at summer shows.
Dear Palomino Parade subscribers,

We of the Palomino Horse Association and Palomino Parade magazine feel that an important step forward has been made by the plans to incorporate the Palomino Parade into Western Livestock Journal as a feature portion of the Horse section. Problems of publishing a house organ are multiple and require the "know how" of people who have had experience in this line. We are certainly fortunate in this way, for the news of PHI and all Palomino horses will now appear in a publication and horse industry of the best.

Henceforth all subscribers to the Palomino Parade will receive Western Livestock Journal for the unexpired term of their subscription. We are sure that after that time they will find it advisable to continue to read news of Palomino horses and all other horse activities through the columns of this publication.

Information important to Palomino owners, from our association headquarters will be found in the Palomino Parade section of Western Livestock Journal and we know you will be interested in the news of horses shown, sales and informative articles that this publication offers.

We know too that with this greater circulation offered by Western Livestock Journal that Palomino horsemen will want to keep up to date on their horses for sale, stallions at stud and winnings where they will be read by an important Palomino reader.

We want to take this opportunity to express our personal thanks and the appreciation of the board of directors of PHI to Nelson R. Crow, publisher and Bill Smale, Editor of the Horse Section for making this merger successful.

Sincerely,

Jim Kibby, President
Palomino Horse Association

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The Palomino Parade

February 9, 1949

To All "PALOMINO PARADE" Readers:

With the February issue of Western Livestock Journal, we are including the Palomino Parade as a regular feature section of our monthly magazine. The Palomino Parade magazine to which you have subscribed will henceforth be published as a section of our Horse Department.

We welcome you to our family of over 25,000 regular subscribers to Western Livestock Journal that reaches leading livestock and horse men in the Pacific Slope area. You will not only read news about the Palomino, but also be kept up with other horse activities that will be of interest to you, along with informative articles on all types of livestock.

Your subscription to Palomino Parade has been placed on our list and you will receive Western Livestock Journal for the remainder of your unexpired subscription to Palomino Parade.

We hope you enjoy our magazine, that it brings you in closer contact with information that will be helpful to you in the horse business. In fact, we hope you become so interested that you will become a regular subscriber to Western Livestock Journal at the expiration of your present subscription.

If we can be of service to you, giving you information that will be helpful to you or serving you through our advertising columns, be sure you write us. We will welcome news of your horses for our columns and pictures of your horses that will be of interest to our readers.

Looking forward to hearing from you when we can be helpful. I am

Cordially yours,

Willie R. Crow
Publisher

WESTERN LIVESTOCK JOURNAL

4911 PRODUCE PLACE - UNION STOCK YARDS

LOS ANGELES 11, CALIFORNIA

February 9, 1949

Read by Western livestock men for more than a Quarter Century.
For Sale at the Ranch
Two registered American Saddlebred Palomino mares. When we reduced our herd, these mares were heavy in foal and we decided to keep them until they foaled. We also have a 2-year-old Palomino filly for sale. She is a fine individual, ready for training.

American Saddlebred Palomino Horses

AND

Registered Aberdeen-Angus Cattle

are all at the Santa Paula Ranch Now.

E. E. Converse
LINGDOOLEY RANCHES
Santa Paula, Calif.
Palomino American Saddle Horses

STANDING AT STUD
Banana Peavine
ASHBA 19667 PHA 146-2372
Fee $100 at time of service, to approved mares only.
Return Privileges.

Also Standing at Stud
Lingdooley Diamond Peavine
AND
Lingdooley Easter Peavine
Both are Sons of Banana Peavine

Both these stallions are outstanding individuals, but due to the fact that we have three stallions of similar breeding, we would consider selling two of the stallions.

Banana Peavine and two of his sons, Lingdooley Diamond Peavine and Lingdooley Easter Peavine.
In a recent decision by the American Horse Show Association, with headquarters in New York, a complete set of judging rules for Palominos was approved through the cooperation between AHSA and the two Palomino registries, the Palomino Horse Association and the Palomino Horse Breeders of America. After considerable work on the part of both Palomino associations, a set of rules was jointly agreed upon that would enable the golden horse to show in any recognized show without partiality as to skin color.

Judges have been recommended by both associations and submitted to AHSA to be included with the approved rules in their new 1949 rule book. Owners of Palomino show horses will welcome this new era for the showing of their horses. It will permit horses of both associations to show together in all recognized shows, a privilege which has not been possible in many localities in the past. It will also enable horse show management to select judges for Palomino classes from a list of recognized AHSA judges. Another important advantage will be the unbiased position the judges will be in relative to skin color.

It has also recently been announced that a special Palomino committee has been appointed by AHSA to serve the needs of the association in any problems which might arise from the incorporating of these Palomino rules in their rule book. Men who have had great experience with Palominos in general have been appointed with J. M. Fagan, president of the Palomino Horse Association, representing PHA, and Dr. Arthur Zappe, secretary of Palomino Horse Breeders of America, representing that organization.

The board of directors of PHA is very much pleased with the interest shown by the American Horse Shows Association and is particularly elated over the efforts of Theodore Buell in bringing about this latest step in the showing of Palominos—Willard Beanland, secretary-treasurer, the Palomino Horse Association.

Silver Glen Vaqueros

"Best Mounted Group of 1948" is the title bestowed upon the Silver Glen Vaqueros group of riders at the Annual Horsemen’s Ball held in Santa Monica, Calif., last November. The group was organized in April, 1947, with nine charter members, all still actively participating, and now consists of 19 men and women. The Vaqueros list themselves as a happy riding group that gets together, takes homemade cakes and picnic lunches to horse shows, and really has a good time. They all own their own horses, trailers and equipment. With the exception of one or two all horses are stabled at the Silver Glen Stable in Glendale.

Among the many awards won by the group and the individual members, they prize most highly the trophies won two years straight at both the San Fernando Valley Fiesta and the Los Angeles Sheriff’s Rodeo, the latter being the largest 1-day rodeo in the world. Over 100,000 spectators witnessed the 1948 show.

Oregon Horses Sold

Loyd Silva, Grants Pass, Ore., reports sales of Arabians to several California breeders. Jim Compton, Cedarville, bought a 2-year-old, four stocking legged colt by Bedawi and out of Zinnieh, a Silva mare, J. W. Lowe, Santa Cruz, purchased Maysan, a 3-year-old chestnut stallion. Also, four Arabian mares, all of chestnut color, were sold to Henry Dederick, El Monte, Calif.

Nichols and Stevenson, Lebanon, Ore., sold a buckskin Quarter Horse gelding by Black Hawk and out of Red Buck mare, to Jack Richardson, Dallas, Ore.

Glen Huston, Lebanon, Ore., obtained Quarter Horse stud colt by Topper and out of a Red Buck mare, from Nichols & Stevenson, Lebanon, Ore.

Buy

Palomino Horses

As a parade and show horse, the true Palomino is unexcelled. Their brilliance, personality and presence with plain or silver mounted equipment make them show horses. As a pleasure horse the Palomino will give you a pleasurable ride you will enjoy. Breeding Palominos is a fascinating and worthy work.

For information about leading breeders, qualifications for registration and how to register, Palominos write today.

Secretary

Palomino Horse Association
7118 Reseda Blvd. Phone Rugby 62895
RESEDA, CALIFORNIA

PALOMINOS—Hi Lod and Hi Lass, two 6-month-old Palominos owned by Lester Garman, Annawan, Ill. Both colts are sired by Broomhall’s Golden King PHA 2871 owned by Garman. One is out of a sorrel mare, the other a Palomino.

BEAU BRUMMEL
PHA 415
PHBA 6157

RED VERMONT
MHR 7871

Palominos—Morgans

Red Vermont, with a brilliant show career is passing his quality Morgan characteristics to his get. See him and then see his colts.

Our Palominos are of American Saddle Horse breeding with the true gold color and proven sires of winning Palominos.

El Moreno, PHA 98 PHBA 6158, Palomino stallion is our third senior stallion.

JACK DAVIS
2428 CAMINO REAL, West of Baldwin Ave. ARCADIA, CALIF.—Tel. Duquoin 7240

Registered Stallions

AT STUD

Thoroughbred—Palomino—Morgan—Quarter Horse
Colts and broodmares for sale at all times
Best bloodlines—Lowest prices
Write or call for appointment

GOLDEN ARROW STOCK FARM
Business office: 520 Indiana Ave. Venice, Calif.
Telephone Santa Monica 6-1590
Spiller's Monarch Jr.
Registered Tennessee Walking Stallion
Registered Palomino TWA 462792 PHA 4047
Foaled June 2, 1946

Fee $100 to registered Tennessee Walking mares; $50 to approved grade mares or mares of other breeds.

He has Palomino color breeding on both sides tracing back to 1820 with 13 foundation Walking Horse sires appearing 33 times in his pedigree. This past year he was very successful in the major shows and will again be shown at leading events in 1949.

WE SPECIALIZE IN WELL BROKE FINISHED WALKING HORSES—We usually have for sale top pleasure horses of other breeds. NOW OFFERING—Few top quality registered American Saddle horses, pleasure and parade horses.

We have been very successful, due to many years of experience and study, settling mares. We are equipped for artificial insemination when desired. Box stalls or pasture accommodations for visiting mares.

"We will always trade horses—we don't try to make a year's profit on one sale."

5890 Arbor Rd., Long Beach 8, Calif. Phone: Long Beach 5-1905

—Glenn Spiller—

The Great
KING OF THE FIELD
Is For Sale

At Stud Until Sold

King of the Field, PHA 109-2387, sired by The Harvester has made an outstanding reputation as a show and parade horse all over California. Because he is so busy, I feel it best that the horse go to someone who can use him to the best advantage. He is a wonderful sire and has a good disposition. Among other winnings he was champion parade horse at the 1948 All Palomino Show in Los Angeles, and was second in the mature stallion class.

G. C. Lambert, Owner
Jim Fagan

20553 Sherman Way
Canoga Park, Calif.

Contact—

Green Grass—
Consider Feed When Breeding Your Mare

By PRESTON DYER
Manager, Hearst Ranch, San Simeon, Calif.

THERE are preponderous works on where, when, how, and to whom should you breed your mare. Included in these works from the tremendous volumes to the Farmers' Almanac will be countless points to be considered. Is the moon in the right location? And when will be the next high tide? All of these things, of course, should be studied and absorbed before you attempt to breed your mare. At present, let us try to by-pass this and start at the beginning.

Assume first, that you have a mare; second, that you have decided to breed her; and third, that you understand from such a performance there is the possible hazard, within 11 months, your mare may drop a foal. (Chances are, if you're like most people, she won't have a chance to drop it because Mom, Pop and all the neighbor's kids will be there to catch it before it can drop, having sat up nights in the stall for the past week.) Realizing all this, you will next select a stallion. Is he the right size, shape, color and breed? Does his pedigree go back to the Trojan horse? Has he attended the right schools? Does he travel in the right company, and is his name clear of slander? This completed, comes next the time for an introduction of our little girl to this gentleman.

Flamboyant Filly. Up until now you haven't considered her feelings. She may shock you by her flamboyant actions at this, her first exposure, to a member of the opposite sex. Don't feel badly about it, it's just her way of making love. On the other hand, she may feel aloof and indifferent. If such is the case, repeated visits will generally bring out the worst in her. If, after a reasonable period of time—say two months—she still seems uninterested, it might be wise to have her family doctor give her a check-over. He can advise perhaps a change in climate or some such treatment that should bring the desired results.

A most important factor in this meeting with Mr. Horse is the best time of year. Contrary to popular belief that in the spring a young man's fancy turns to love, Mr. Horse fancies love anytime of the year; and although Mrs. Horse may, in some cases, be more pronounced in her affection in the spring or summer, she is quite capable and willing to carry on an affair about once every three weeks all year round. To breeders in the Southwest United States, particularly California, feed is a major problem. Rains come in December and January; the green grass is usually up good through February until May, after which time the...
Green Grass Not All Around. Compare this to the foal who was born say in May or June. He does not even know what green grass is until he is at least six months old and then he will have to eat grass when he is about two weeks old, will have good green feed until May when he is five months old. He can be safely weaned at this time, or, if left with the mare, the most critical period of his growing period is behind him, and he is far better prepared to withstand the poor feeding which this climate offers during the summer. By October he is weaned, 10 months old, fat, sassy, and takes a blue ribbon.

Breeding Back. Another thing which hasn't been mentioned relates to a mare that has had a foal, and it is desired to breed her back. Assume that you're in the business to make a million dollars, and the only way to get it is to have your mare produce a foal each year and never miss, and at the same time have the foal arrive at the proper time of the year.

If you're starting from scratch, that is breeding a mare that is open, you need only follow the previously mentioned program. However, if your mare is in foal, and is due to drop at an inopportune time this year, the following schedule could well be applied. If she is going to foal in July or after, let her go until the following January to breed. A million dollars, more or less, does not make much difference for six months. If she is going to foal in May or June, breed her back immediately on the ninth day for a couple of years, and you will thus gain a month each year which will put your foaling time back where it belongs and still give you your yearly foal.

Breeding back in nine days, of course, applies only to those mares which foal with no difficulty, and had no tears or other obstetrical injuries, in which event the advice of your veterinarian should be followed. There is also the possibility that the mare will not "conceive" from the ninth day of breeding, which will necessitate another breeding about 20 days later. This will bring your next year's foal in at the same time as this year's, and you're right back where you started from, but you at least haven't lost any ground.

If your mares are dropping at the proper time of the year, the ninth day heat can be passed over, thus allowing the mare a bit of a rest period and ample time for things to get back to normal with her before she is bred on her 28th day heat. Breeding her on this period and again providing that she "conceives" you can have a foal each year.

GOLDEN WIZARD (P'all Mall)
Palomino Stallion
Owner Frank Brewster, Seattle, Wash.
Sire: Palomero PHA 536 by Don Adolfo ASHBA 1291
Dam: Flash G by Moscado
Thereafter at old Bing, old geldings, one 4-year-old mare and one 2-year-old passing the gold color to his colts. He has rich dark skin with white mane and tail. His sire was undefeated as a show horse.

Standing to Limited Number of approved Mares at Private Treaty.

Evergreen Ranch Stables
14701 So. Cannery Ave.
Santa Ana, Calif. Phone: Westminster 6622
Dr. & Mrs. Carl R. Bishop, Owners
1 mile East of Highway 99, Just North of First

5 Colts For Sale
Sired by TRUE GOLD

TRUE GOLD
is a son of Golden Boy, PHBA reg. and out of Miss Blythe by Freeway (TB) by High Time, He stands 16 hands, weighs 1200 lb. At All Palomino Show was second in his class for 3 years. He is a grand sire, passing the gold color to his colts. We are selling one 4-year-old gelding, two 3-year-old geldings, one 4-year-old mare and one 2-year-old mare. They may be seen at ranch until May and thereafter at old Bing Crosby Ranch, Rancho Santa Fe, Calif.

True Gold at Stud—Fee $100
S. R. Caruthers
Rt. 1, Box 862, Yuma, Ariz.

Remember to Mention WESTERN LIVESTOCK JOURNAL When Writing Advertisers

He Knows Horses

By BORDEN CHASE

SOME years ago at the Denver Show I had just bid in the championship filly to start the auction. Dan Casement, the dean of all Quarter Horse breeders, congratulated me on my buy, and then watched me pick up a second, third and tenth youngsters in rapid succession. When the bidding was over he smiled a little and said: "Now that you've got them, what are you going to do with them?"

"Ship them home to California," I said.

"Then what?"

I hadn't thought about that. All of the youngsters were yearlings, well bred and beautiful to look at. I had plenty of stall room for them; plenty of pasture; a half dozen empty corrals—but as Dan Casement had said: Then what? Where would I find a man who could take these crazy kids and turn them into show mares? They represented a sizeable investment, and it was my intention to pick up 8 or 10 more as soon as possible. But unless I could find someone who could bring them along to the point where they could successfully compete with the best that Colorado, Texas, Arizona, Oklahoma, New Mexico and the other western states had to offer, I had simply wasted a lot of money.

Hunting a Trainer. So I started to look for a trainer; a rein man who would give them the training that would send them into the ring as potential winners. Because I live in Encino I naturally started looking in Oregon. Then I went on the road, talked with some folks in Texas, and finally thought perhaps I ought to send them back to Colorado. I met dozens of trainers, watched them work, and looked at the results of their work. It was good. Better than good. But always there was something missing—some intangible thing I wanted but couldn't name.

One day I was telling Bill Porter this. I'd known him and ridden with him for years, but because he was so close to me I hadn't even considered him as a trainer. And because Bill is the kind of man who doesn't talk himself up, he didn't suggest it either. Instead, we stood beside his corral and I wrestled with my problem while Merle Templeton dropped in to watch Bill work one of his horses. Naturally I told my troubles to Merle.

"Why not let Bill train your fillies?" said Merle.

"Why, I never thought of that!" I said.

"That's because you haven't got very much sense," laughed Merle.

I agreed with him. And the next day sent the first four youngsters over to the Rancho Juaquima. A few months later I sent him some more. Then a few more. In six months the first group was ready to show...I thought. Bill was against it, but he let me have my way. He claimed the judges were looking for beef when they placed Quarter Horses—I had been buying refinement. He insisted the trend would change and suggested I wait.

Wrong Only Once. For the first and last time I insisted we do it my way. Not one of the youngsters placed in the money. A little discouraged, I suggested we look around for some better prospects. Bill shook his head. He believed in what we had and promised within another year they would start to move into the money.

He was right. One of the youngsters, Rugged Annie, as a short 3-year-old took the blue at the 1947 PCQHA show against a field of 31 studs, mares, and geldings of all ages in the Trail Horse Class. Sweet Hallie, another of the fillies that has grown to maturity at the Rancho Juaquima, has been winning blues in one Stock Horse Class after another with pleasing regularity. Both mares won championships at Del Mar, and each month Bill brings home another addition to our trophy room.

Tonette, who was purchased from me by Dick Danielson, has kept Bill's promise by winning blues in the Halter Classes and also in the Hackamore Class. The same is true of Red Hen, another of Dick's mares being trained by Bill. Guy Vargus likes to give with some folks in Texas, and finally thought perhaps I ought to send them back to Colorado. I met dozens of trainers, watched them work, and looked at the results of their work. It was good. Better than good. But always there was something missing—some intangible thing I wanted but couldn't name.

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VAL-DAV RANCH—RESEDA, CALIF.
6949 Wilbur Avenue
Phone Rugby 64023
Phil Davis, Owner

Stallions At Stud:
San Vicente Tip PHA 3969 PHBA 5247
Jonquil’s Harvest PHA 3324
Butterscotch AQHA 1693

Training Facilities Our training facilities include a quarter mile track. We are equipped to break and train Western pleasure and stock horses as well as horses for driving and show.

Palominos For Sale Mares, stallions, geldings and colts of both sexes for sale at all times.
Breed for the
Golden Color
Palomino Walking

MONARCH
TWHA 440644 PHBA 5888 PHA 3415

Coming 6-year-old Palomino Stallion of
wide renown as a sire of fine colts of color
and ability with outstanding conformation.
Truly one of the outstanding individuals of
the breed.
Standing at Private Treaty
We always have a few select youngsters sired by MONARCH and out of our
choice mares. You will also be interested in a few of our mares that we will
sell. They all have the conformation and bloodlines that are prominent in the
breed.

Evansdale Farms
Col. Wm. H. Evans, Owner
YORBA LINDA Phone Placentia 349 CALIFORNIA

PHA 4488
Chief Tonganoxie
Sire: The Harvester PHA 2359-14
Dam: Susanne (Arab)

We invite your inspection of "Toncies"
outstanding points of conformation,
beauty, action and correct golden
color.

Owner
MR. AND. MRS. O. J. EVANS

Irrigated Permanent
Pasture for Mares

Standing to approved mares at Private Treaty

CHAS. N. JEWETT STABLES

Home
1358 Gale Avenue Phone Whittier 412-404
PUENTE

Stables Poplar & Valencia
CALIFORNIA

Efficiency—
Right Time Important
For Breeding of Mares

By B. J. ERRINGTON*
D.V.M., Arcadia, Calif.

*Now track veterinarian at Santa Anita and
Hollywood Park race tracks, and consulting
veterinarian for the California Thoroughbred
Breeders Assn., Dr. Errington did research work
on equine problems at the University of Ken­
tucky. Later he practiced at Lexington, Ky.,
going from there to the Mayer Farm at Perris,
Calif., where he was resident veterinarian.

Veterinarians have been
able to increase the breeding effi­
ciency of mares by personal ob­
servation of the symptoms of estrus;
by vaginal examination to detect es­
trus of irregular mares; by making
early pregnancy examinations; and by
keeping complete breeding records.

A large percentage of mares are ir­
regular in their estrual periods. Some
may not show symptoms of estrus to
a teaser even though all other symp­
toms are normal. Some foaling mares
will not show symptoms of estrus after
they have been bred in their foaling
heat (horsemen call these "every­
other-year breeders"). Some show false
symptoms of heat in diestrus. Some
have short periods, while others show
symptoms for several weeks.

Mares usually show the same type of
peculiarity in their estrus periods each
year, although they may differ as bar­
ren mares from when nursing a foal.
For this reason it helps to have had
experience with a mare in preceding
years in order to know what may be
expected of her. Veterinarians have
the advantage of being able to inter­
pret these irregularities, especially if
they have close supervision of the
breeding activities.

Proper Time. Because of these ir­
regularities, the greatest difficulty in
getting mares in foal seems to be in

PALOMINO—Lingdooley Diamond Pea­
vine, coming 5-year-old Palomino Amer­
ican Saddle stallion owned by Ling­
dooley Ranches, Santa Paula, Calif.
"Diamond" is sired by Banana Pea­
vine senior stallion at Lingdooley and
has been shown successfully in five­
gaited classes during 1948.

Photo by Doreen M. Norton.
HOME OF TOP HAT
and his illustrious son
TOP HAT'S GOLDEN SPLENDOR
Both Stallions Standing
To a few Approved Mares
Breed for Quality and Performance

From time to time, we have a few outstanding colts and fillies sired by Top Hat for sale. We invite you to see our horses and will be glad to help you find a Palomino that will suit your needs.

Jack and Cecil Turner, Owners
TURNER PALOMINO RANCH
3800 Woodruff Ave.
LONG BEACH · CALIFORNIA

The Harvester . . .
and a few of his Daughters

We believe it is most important that a sire have outstanding daughters, for here is where the great future of any breed is developed. These are only a few of the mighty good mares sired by The Harvester.

He will stand at stud again in 1949 to approved mares. We are now taking bookings.

Mr. and Mrs. Jim Fagan
20553 Sherman Way Phone Superior 84108 Canoga Park, Calif.

Honey Harvest Grand Champion mare at Ventura County Fair, 1948, reserve champion 1948 All Palomino Show.

Harvest Princess, reserve champion Ventura 1948 and blue ribbon winner at Bellflower show in 1948.

February 15, 1949
breeding them at the proper time in relation to ovulation. Breeding at the proper time is not the entire solution, as many mares have been bred repeatedly throughout estrual periods without conceiveing; however, there is an optimum time to breed most mares and this varies in different mares.

 Breeders usually try to have their mares covered on a particular day of the period, depending on past experiences. It is frequently difficult to determine the exact day a mare comes in estrus, or how long she will remain in the estrual period.

It is commonly considered that most stallion sperm will survive for approximately 30 hours in the genital tract of mares, but if the tract is not entirely normal the survival time will be shorter. Day (England) reports that in some cases spermatozoa survive for six days and that fertility is fairly high during this time. This would seem longer than usual from the experience of the practical breeder. There is general agreement that the spermatozoa must be in the genital tract of the mare before ovulation occurs in order for fertilization to result.

**Previous Experience.** There is no way of telling how long a mare will remain in estrus except from previous experience with her. The average period is shorter in the latter part of the breeding season, which is probably one reason that a higher percentage of mares get in foal at this time. The best that one can do, then, is breed at a predetermined day, to breed at a different time in the period if it has been difficult to get a mare in foal, or possibly to give more than one cover if the mare remains in heat longer than the breeder expected.

Most breeders believe, from practical experience, that mares are more apt to get in foal when bred toward the end of the estral period. Those men who have studied the ovulation time in relation to the estrual period by palpation of the ovary per rectum, find that there is a more constant relation between ovulation and the cessation of the heat, than between ovulation and the appearance of heat. Ovulation usually occurred during the last one or two days of estrus and rarely more than three days before the end of the estrual period.

**Common Practice.** Caslick, who followed the estrual period by observing the changes in the vagina, and studied a large number of breeding records, found that the highest percentage of pregnancies occurred in mares bred on the second and third days of estrus.

This is as would be expected of mares with normal estrus. It is the common practice in horse-breeding centers to breed on the second or third day of estrus and records indicate this to be the advisable procedure. It is with the irregular mares that a veterinarian is greatly concerned. They are individual problems and their history and symptoms must be studied carefully.

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**SHAPLEY'S M-T-G SKIN CONDITIONER**
Formerly Known As "Magic Tail Grower"

A valuable treatment for Sarcoptic Mange and Psoroptic Mange of Horses. Dissolves loose Dandruff Scales; Leaves No Sticky Film on Hair.

(Will Not Stain A White Mane or Tail!)

1 pt. 6 oz. bottle $2.50
Shapley's "Hi-Shine" Cold Water Shampoo, 21 oz.
bottle $1.50

**HENRY E. SHAPLEY CO.**
632 Walnut Street Dept. 6 Waterloo, Iowa

---

**AT STUD ERI-TU**

**Sire:** Silver King
**Reg. PHA**

**Dam:** Solanas
**Reg. PHA and AHS**

**Fee:** $50 to Approved Mares

**Chet Milligan**
6738 Shoup Ave.
Phone Superior 81019 Canoga Park, Calif.

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**SHAPLEY'S MAGIC CHEEK-HIGH SKIN CONDITIONER**

A valuable treatment for Dandruff, Psoriasis, Sclerosis of the Skin. Dissolves dead and dry scales, lends beauty and health to the skin.

Bottle 5 oz. $1.00

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**C. C. Goodson**
215 W. Lemon Ave., Arcadia, Calif.
Phone Douglas 73677

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**ALLAMAR**
PHA 2950
ARA 2940

**Half-Arab Palomino**
Son of Alla Amarward

**Quality - Color - Breeding**

Second crop of colts are Palominos
This half Arab, quarter Thoroughbred stallion, stands 15.2 hands, weighs 1150 lb. Fee $50 to approved mares for season. Accommodations for mares.

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**At Stud...**

**ALLAMAR**

**PHA 2950**
**ARA 2940**

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**C. C. Goodson**
215 W. Lemon Ave., Arcadia, Calif.
Phone Douglas 73677

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**At Stud Eri-Tu**

**Sire:** Silver King
**Reg. PHA**

**Dam:** Solanas
**Reg. PHA and AHS**

**Fee:** $50 to Approved Mares

**Chet Milligan**
6738 Shoup Ave.
Phone Superior 81019 Canoga Park, Calif.
Utilize the Culls—
Swine Growers Obtain Good Results
By Adding Potato Meal to Rations
By HENRY J. BECKMAN

FOR many years potatoes have been used in rations for swine. Most of the feeding trials have been haphazard operations conducted under ordinary farm conditions without much system of check and balance. In many cases they were fed raw because no facilities for cooking were readily available.

In the great potato producing areas of California, such as the south San Joaquin Valley and the Chino Valley, large quantities of cull, off-grade or slightly damaged potatoes have been available for many years. Local swine men have utilized these to a considerable extent but some definite limitations prevailed concerning their use.

In the first place, potato digging and grading takes place during that season of the year when farmers are all busy. Irrigation and other crop production are requiring full attention at such times. Most potato growers do not want the culls standing around in the way. Spoilage is heavy and rapid in many cases and the sacks soon rot through when left on the ground, thus creating a problem in handling.

Drying of Culls. As a result, many hundreds of tons were wasted annually. Some farmers conceived the idea of drying these culls by spreading them upon the hot sandy soil. After some 90 days time they could be gathered up and stored. A great deal of labor, however, was involved in this process and, when experiments showed that temperatures of 140° or more were required to change the starch grains sufficiently for proper assimilation, the problem proved rather difficult for some feeders.

In the southern San Joaquin Valley, however, ground temperatures do go to 140° or more and good results are obtainable, especially if the dried potatoes are ground before feeding.

Wholesale drying of cull potatoes has now become a current procedure in some localities. Such feed is easier to handle than cooked or steamed potatoes since the latter process involves handling them twice and proves to be messy in the feed troughs.

Try Experiments. In order to provide accurate information on potato meal and its value, Dr. E. H. Hughes, professor of animal husbandry and Hubert Heitman, Jr., assistant professor, University of California Experiment Station, conducted a series of trials on potato meal feeding. The results of these experiments are given in a bulletin published under date of October, 1948, to which we are indebted for the following information.

Pigs used in the experiments over three-year periods varied in weight from 35 to 55 lb. They were fed in lots of five pigs each on rations containing rolled barley, tankage, alfalfa meal, salt, oyster-shell flour and potato meal: except that in the first stage of the experiment no alfalfa meal was fed. In that stage they received cod-liver oil at the rate of five cc per head weekly...
The Porterville Herd of Poland Chinas

In the Pork Producers’ Sale, Stockton, Calif., Feb. 26th:

TWO GILTS . . . ONE BOAR

Sisters out of litter of 11 by Sunshine by Moderation and out of Miss Select 1st by The Rainbow. Miss Nugget in pig to Ramona Nugget Master and Miss Nugget 1st bred to Kayo Jr., son of Broad's Kayo.


A. D. GLAVES & SON
Porterville, California

Buy Berkshires

The Packers Choice.
Make Most Economical Gains.

Write for California Berkshire Breeders’ Association Directory, addressing:

VIRGIL GROVES, Secy.
Farmington, California

GRAVEL HILL HAMPSHIRES
Strong in the blood of Lumber Jack, Century Whirlwind, Top Form, Josette and Roller Lady.

HOMER DAVIS
Rt. 1, Box 48, MOORPARK, CALIF.

FOUNTAINHEAD FOR WESTERN DUROCS

The Carrillo Herd is consigning TWO EXCEPTIONAL GILTS to the California Pork Producers’ Sale at Stockton on Feb. 26th:

Vine Hill Burp by Redwood Empire Orton. Dam: Spoiled Egg. This is our daughter’s 4-H Pig that ought to go to a 4-H member.

Red Dimple, an inbred off-date daughter of Lad’s Red King, 1941 Champion at Sacramento.

Both gilts bred to Scarlet Master 12th, a very good son of Smooth Master.

Get the catalog for details

BOB & L. W. CARRILLO
Rt. 2, Box 506, Sebastopol, Calif.

WINCON RANCH
Poland Chinas

Entered in the Pork Producers’ Sale, Stockton, Feb. 26: Two Bred Gilts, One Boar.


W. L. HAYES, Box 44, Buellton, Calif.

—The Grand Champion Breed

Write for FREE FACTS about Chester Whites, Grand Champions of the show ring, feedlot, packer’s block. Also ask for sample copy of the Chester White Journal. 81 a year. 3 years $2.

CHESTER WHITE SWINE RECORD ASS’N
Rochester, Indiana

CRINKLAW
Production-Tested Hampshires

Choice FALL BOARS
Outstanding boar pigs sired by a great trio of boars:

WDC THE ROUNDER, Grand Champion boar at 1948 California State Fair.

RANCHO PAY ROLLER, sire of the Grand Champion barrow at 1948 California State Fair.

STURDY GLORY, first prize senior yearling boar at 1948 California State Fair.

WM. D. CRINKLAW... KING CITY, CALIF.

Feed Value. The general results of all these experiments indicate little difference in the feeding value of barley and potato meal. Although barley is more efficient for younger pigs the difference grows less as the pigs get to older stages.

Probably best results will be obtained if potato meal is used sparingly with pigs under 100 lb, but from 25% to 40% may be used after that with good results.

Alfalfa meal provided some elements other than vitamins A & D and offered an advantage in the ration. Vitamin A and protein are both low in potato meal and it can be fed along with feeds containing these elements.
Thanks to Poland Buyers

who paid us an average of $140 on our Bred Gilt offering at Tulare, all under 12 months of age:

Hog Profits Increase

When Wallows Used

The question of whether hog wallows are profitable or not was answered by Chas. I. Bray, animal husbandry department of the Louisiana State University, who appeared on the program at the annual meeting of the American Society of Animal Production. And the answer was in the affirmative.

Three lots of pigs were used in an experiment. Two of them were used as they were, and the third lot was kept in a pit. The result was that the pigs kept in the pit produced more piglets than the others.

Oregon—

Seeks Expansion of Swine Industry

Expansion of pork production in Oregon—on a farm basis, not a feedlot operation—was urged as a statewide program by members of the Western Oregon Livestock Assn., holding its 13th annual meeting at Gearhart, Oregon, last month.

Oregon has long been an importing state to meet demand for pork products, but one phase of the swine business that opened Oregon pork producers' eyes was the revelation by R. B. Williams, manager of Portland Union Stock Yards, that a weekly shipment of live hogs is being loaded at Portland for the Hawaiian Islands, and that these swine are being shipped in mainly from midwestern states.

Portland has been selected as a shipping center for hog shipments to Pacific ports, largely because the year-round climate there is much more healthful for swine than at California ports, where excessive summer heat often is injurious. With more Oregon swine production, stockmen of the Beaver State might easily claim this business, it was inferred.

Swinemen at the meeting were also much interested in the proposal of Walter Holt, manager of Pacific International Livestock Exposition, that provisions for additional premium money in swine classes at that show might very properly reward winners representing large litters, or, in the case of sows, those that have farrowed large litters. It is time, he pointed out, that some emphasis be placed on pork production in considering the placings at swine shows.

With the expansion of the swine industry in mind, Oregon Swine Breeders Association this year planned two bred gilt sales—one at Salem held Feb. 5 and another at Prineville on March 2, held in connection with the Oregon Shorthorn Breeders spring show and sale. The association held their annual meeting in December and elected Lyle McKinley of Shedd, Ore., as their president; A. J. Zielinski, Silverton, vice president; A. W. Oliver of Oregon State College, secretary-treasurer. Association directors elected are Elmer Stangel of Wilsonville and C. E. Stretchler of Beaverton.
signed blood that has been winning in Stockton, Feb. 26.

These are either the sires or the service boars of the good gilts I have consigned to the Pork Producers’ Sale, Stockton, Feb. 26.

WAYNE HANSEN, Ceres, Calif.

expansion—eight hogs in each lot, averaging 79 lb. and consisting of mixed sows and barrows.

Hogs made gains more rapidly and more economically where they had water to wallow in; a freshly made earth wallow appeared to be as effective as an artificial wallow; hogs without water to wallow in appeared to suffer considerably from the heat in midsummer and made slow gains.

MAKING A SMALL MOTOR PORTABLE

A small electric motor used only on one piece of equipment may be in operation a small part of each day or at short intervals of several days. If the motor is portable it can be used for many chores such as turning a bench grinder, power saw, planer, concrete mixer or any combination peculiar to your demands.

1. The only materials you need to make your small motor portable are two bolts and nuts, washers, and a rounded rail, 1” in diameter and about 10” long. The rail can be made of pipe or hard wood.

2. Bore holes through the rail, and bolt it to the motor through the two holes on one edge of the motor base. Counter-sink the bolts to keep them from protruding beyond the rail.

3. Nail two wooden cleats next to the machine to which you want to apply the motor. Be sure the cleats are just far enough apart for the rail on your motor base to fit snugly between them.

4. Cleats should be located so that when the motor is in place and belted to the machine, it will tilt away from the machine as illustrated. Thus, the weight of the motor keeps the belt tight. A two-step pulley using a "V" belt will operate most farm machines.

MOKELUMNE FARMS
BERKSHIRES AND SPOTTED POLANDS

We announce the following Sales Consignments:

To the California Pork Producers’ Sale, Stockton Fairgrounds, Feb. 26, State Fair Prize Winning Gilts that helped place our herds at the top in Berkshires and Spotted Poland-Chinas at Sacramento in 1946.

To the California Spotted Poland-China Show and Sale, Sacramento Fairgrounds, March 5, Three Bred Gilts.

V. W. HOFFMAN & SONS
Rt. 1, Box 200 Phone Lodi 17-J-3
ACAMPO, CALIFORNIA

HEREFORD HOGS

Our consignment to the California Pork Producers’ Sale, Stockton, February 26:

Perfect Show Girl, an April Gilt, the pick of 125 of her age. On her sire’s side she carries the blood of Chief Perfection and Chief Justice and through her dam the influence of Duration Model. Bred on Nov. 8 to California Prize Goods, proving one of the best sires in our herd, son of the champion Prize Goods.

D. R. HOAK
P. O. BOX 108
ACAMPO, CALIF.
"THE HOME OF CHAMPIONS"

McAbee’s All-Bred Consignments

To the California Pork Producers’ Sale Stockton, Feb. 26

DUROCS: 2 GILTS out of our Cow Palace Young Herd which won all group classes and 3rd and 5th in gilt class. One bred to Drummer Lad 1st Jr. Ch. State Fair, the other to LM Wonder Lad of Tazwell breeding.

BERKSHIRES: 1 GILT of Mokelumne and Twin Oaks Farms breeding, bred to San Benito Prince of Mokelumne background.

L. G. McBEE & SONS
San Juan Bautista, Calif.
HEREFORD HOGS

Quality Breeding Stock—Boars & Gilts
We Ship C.O.D. on Approval
(Special Discounts to 2-H Clubs and Future Farmers.)

BAKER RANCH
OROSI, TULARE CO., CALIF.

MEAT-TYPE HAMPSHIREs Provide the Answer

Better Mothers
Cheaper Gains
MORE Meat

American hog growers are demanding Hampshire Boars to get that extra pig per litter to increase the per head and higher dollar per head. These pigs tend to get on Hampshire rapid growth, feed conversion ability and added promotion quality pork production. WRITE for breeder literature, location of 100 best new sales, addresses of nearby breeders.

FREE! A yr. subscription to Hampshire
Herdman, breeders' service—Send $1.00 today

HAMPSHIRE SWINE REGISTRY
116 Commercial Bank Bldg., PEORIA, ILL.

Oakglen Durocs
(State certified herd)

Represented in the California Pork Producers' Sale, Stockton, Feb. 26 with TWO BRED GILTS, both from Production Registry litters and bred to that great sire, California Drummer.

R. E. BOWER, Owner
MARIPOSA, CALIFORNIA
Official Production Tested Herd

FAIRVIEW DURUCS
Consign to the Pork Producers' Sale, Stockton, Feb. 26
Fairview Slick Chick, Farrowed March 1, 1948, litter of 13; sire Red Devil of Mossdale; dam by Victory Orion; bred Nov. 8 to Gold Strike.

JAMES F. TARES
Rio Oso, Calif.

Comming Events

Feb. 17—Greenfield Ranch Hog Sale, Bakersfield, Calif.
Feb. 21-23—Pollock Hereford Ranch Disperison, Sacramento, Calif.
Mar. 1—Five County Junior Swine Sale, Visalia, Calif.
Mar. 1—Penney & James Angus Sale, Hamilton, Mo.
Mar. 1—Tri-County Hereford Sale, La Grande, Ore.
Mar. 1—Wynola Ranch Registered Hereford Disperison, Union Stock Yards, Los Angeles.
Mar. 2—Oregon Swine Growers' Sale, Prineville, Ore.
Mar. 2—Oregon Shorthorn Breeders Assn. Sale & Show, Prime Veal, Ore.
Mar. 5—Spotted Poland Sale & Show, Sacramento, Calif.
Mar. 7—Columbia Empire Pollled Hereford Sale, Walla Walla, Wash.
Mar. 7—Pacific Regional Aberdeen Angus Show and Sale, Sacramento, Calif.
Mar. 8—Peterson Bros. Hereford Sale, Ogden, Utah.
Mar. 9—Big Bend Pollled Hereford Sale, Davenport, Wash.
Mar. 10—Inland Empire Shorthorn Breeders Assn. Spring Show and Sale, Spokane, Wash.
Mar. 14—North Montana Hereford Breeders Show and Sale, Great Falls.
Mar. 19—Mercer County Angus Sale, Albion, Ill.
Mar. 22—Jilt Jubilee Angus Sale, Columbus Junction, Iowa.
Mar. 27—Tucson Livestock Show, Tucson, Ariz.
Mar. 29—Dispersion Tie-On Stock Farm and Bonita Valley Farm American Saddle Horses, Polo Grounds, San Diego, Calif.
Mar. 29-29—New Mexico Cattle Growers Assn. Convention, Albuquerque, N. M.
April 1—Utah Ranching Industry Sale & Show, Stockton, Calif.
April 9-10—Inland Empire Aberdeen Angus Assn. Show and Sale, Spokane, Wash.
Mar. 1—North Montana Hereford Breeders Show and Sale, Great Falls.
Mar. 19—Mercer County Angus Sale, Albion, Ill.
Mar. 22—Jilt Jubilee Angus Sale, Columbus Junction, Iowa.
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SIERRA RANCH
Registered Poland China Hogs. Taking orders for bred gilts for fall farrowing. Also, service boars.
Robert Sparks & Melvin Wess
Mariposa, Calif.

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Offer Young Bulls of Quality, Reasonable!!
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Hog Breeder, Dept. A, Pocera 2, Illinois

THE CONNECTICUT MUTUAL LIFE INSURANCE COMPANY
Hartford 15, Conn.
Top 25 Hereford Auctions of 1948

4. Albert E. Follers, Pulaski, Tenn., Nov. 11—46 head averaged $1,749.
7. Circle M Ranch, Senatobia, Miss., March 23—50 head averaged $1,521.
8. Panola-Tate Polled Hereford Sale, Senatobia, Miss., March 30—60 head averaged $1,482.
10. Turners Ranch, Sulphur, Okla., Feb. 9—40 head averaged $1,394.
13. CK Ranch, Brookville, Kas., Feb. 21—62 head averaged $1,313.
16. Tri-State Futurity, Miles City, Mont., Oct. 25—92 head averaged $1,255.
17. Circle A Hereford Farms, Morris, Ill., Nov. 25—52 head averaged $1,231.
24. Hiwan Ranch, Evergreen, Colo., Sept. 1—64 head averaged $941.

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22 of 25

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Phosphorus is a vital factor in all stock feeding because it promotes assimilation... helps improve feed utilization. Calcium is equally important for health and growth.

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DIGESTA-BONE... the highest quality steamed bonemeal is sterilized for purity and especially processed for animal feeding. For less than 1/2c per day it provides an adequate supply of readily available phosphorus and calcium in a good c/p ratio.

Give your herds free access to a 50/50 mixture of DIGESTA-BONE and salt. This mix will supply all three minerals commonly lacking... help promote better health... better gains... better reproduction... a larger and sturdier calf-crop. It is usually the only mineral supplement required.

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Rated "Tops" by experts.