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Knee-Deep in Feed
Hybrid Vigor
Brahman Beef

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THE HORSE SECTION
When the feed you buy contains "Two-Sixty-Two," you know that your feed manufacturer knows the latest facts about protein. On the tag it will be listed as "protein from non-protein nitrogen."

Many feed manufacturers now use this additional source of protein because of its high value for concentrates, pellets and other mixed feeds for cattle and sheep.

To make the best use of grains and forage feeds, cattle and sheep need protein. With "Two-Sixty-Two" the feed manufacturer can economically build supplements and pellets that have the protein value needed by range and feed-lot stock.

"Two-Sixty-Two" is the urea feed compound developed by Du Pont for use in commercial feed mixtures. It has been tested in extensive feeding trials over the past 10 years at state colleges such as Oklahoma, Texas, Kansas, Nebraska, Wisconsin, Illinois and Cornell. Each year these research experiments as well as farm feeding results continue to show the value of "Two-Sixty-Two" to supply part of the protein for ruminants.

For full details on how this excellent new feed ingredient supplies protein in mixed feeds, write Du Pont, Ammonia Department, Wilmington 98, Delaware.

"TWO-SIXTY-TWO" IS A VALUABLE SOURCE OF PROTEIN

Cud-chewing animals are able to grow some of their own protein in their paunch, or rumen. Billions of bacteria and yeasts in the paunch grow by feeding on natural proteins, carbohydrates and cellulose (roughage). They multiply faster when the feed contains extra nitrogen as "Two-Sixty-Two," which they convert to protein. Then the animal digests these large numbers of bacteria and yeasts to provide for its own protein needs.

For greatest feed efficiency, "Two-Sixty-Two" should never furnish more than one-quarter to one-third of the total protein. A good supply of high-grade carbohydrates in the ration helps insure the greatest feeding value of feed mixtures and pellets containing "Two-Sixty-Two."
Stop secondary infections in pink eye and other bacterial eye infections with this prompt-acting, nonirritating and highly effective product which is sprayed directly on the eyes.

SULMET Sulfamethazine Emulsion physically cleans the eye and leaves a residue of sulfa drug in contact with the eye and lids in one operation. It is easy to use and extremely low in cost per animal treated.

Treatment should be started when pink eye first appears, before extensive damage is done to the eye tissues.

SULMET Sulfamethazine is widely recognized as one of the most effective sulfa drugs for treating a wide range of bacterial diseases among farm animals. Its low toxicity and effectiveness make it outstanding in modern veterinary medicine.

For maximum efficiency in the use of this product, it is essential to first obtain a diagnosis. For greatest economy in disease prevention and treatment, consult your veterinarian.


LEDERLE LABORATORIES DIVISION
AMERICAN Cyanamid COMPANY
30 Rockefeller Plaza • New York 20, N. Y.
Red Ball Freight on the Santa Fe

Diesel power, improved freight equipment and skilled employe handling is the combination that gives dependable Red Ball Service for shipments routed via Santa Fe.

Whether you are shipping fruits, vegetables, livestock, petroleum or general merchandise, Red Ball Service via Santa Fe all the way is the fastest and most dependable way of shipping your freight.

For details on how we can serve you, see your Santa Fe freight representative.

Ship via Santa Fe all the way

Santa Fe System Lines, Chicago
A SIZABLE PORTION of the Western range and dry farming country has had a taste of dry weather, but there was enough moisture in the soil in most grain growing areas to produce a fairly good crop despite shortage of rainfall. We have been having a long period of bumper grain production and it wouldn't be surprising if we had a period of less favorable weather for grain during the next two or three years. Grain in storage under government loan may come in mighty handy. All through the country, new grain elevators are being completed in time for the 1949 harvests. There is more farm storage capacity for grain than ever before. This sort of farm program, the storage of grain during bumper crop years, is popular with almost everyone.

STOCKMEN HAVE FOUND A WAY to offset reductions in number of cattle on public lands. It is through the development of water for irrigated pastures which carry many thousands of animal units. It is because farmers and stockmen have provided this new pasture that the bungling of government bureaucrats charged with handling publicly owned lands has failed to force the Western country into a serious shortage of cattle. But sheep population continues on the downward trend. There may be some increase in sheep on irrigated pastures. I was told that the sheep population in the Burns country in Eastern Oregon has dropped from 200,000 in 1940 to about 20,000 at this time. It looks as though there is real opportunity for experienced men to get into the sheep business.

OVER IN THE BIG PALOUSE WHEAT BELT, new developments in irrigated pasture mixes handled by good farmers are amazing. A wheat growing cattleman says that his pastures in the Pasco section produced 800 lb. of beef per acre last year. His figures were based on weight of steers going onto the irrigated pastures and the weight he was paid for at the close of the season. He says beef growing on irrigated pasture is the most profitable farm operation he has ever engaged in.

DON'T EXPECT TO BUY CHEAP BULLS during the fall and winter season. In every part of the Western range country, breeders have had greater demand than they could supply. Good bulls are in demand. There was no carryover of yearling bulls anywhere. Many breeders already have contracted their 1949 weaner bulls. The high prices paid by slaughterers for sausage bulls has rid the country of many thousands of mediocre bulls. Bull prices aren't high when you can sell a couple of cull bulls to the butcher and have enough money to replace with one good young bull.

WHEN YOU SEND YOUR BOY TO AN AGRICULTURAL COLLEGE, pick a college that has a good division in farm mechanics and agricultural engineering. The oldtime cowman who wouldn't do anything he couldn't do from the saddle is being replaced by the cowman who knows how to use mechanized equipment, and who knows how to make his own repairs in his own shop. It is important to know how to feed livestock, just as important to know how to raise the feed.

Nelson Crow
GROWERS and farmers will again have the opportunity of viewing a big educational, sampling and demonstration of principal tractors, implements and equipment by leading national and West Coast manufacturers and distributors in the Machinery Building at the California State Fair, Sacramento, September 1 through 11. The following firms and lines have already arranged for extensive show space:

- S. L. Allen
- W. R. Ames
- H. V. Carter
- Caterpillar
- Dearborn Motors
- Frank Edwards
- A. B. Farquhar
- Food Machinery
- Fresno Ag
- Hardie Sprayers
- H. D. Hudson
- Johnson Farm Machinery
- Massey Harris
- Murray Earthmovers
- Oliver Corp.
- Pacific Tractor
- Planet Jr.
- Robinison Fan
- Shaw Line
- Standard Oil
- U. S. Spring
- Western Implement Merchandisers
- Allis-Chalmers
- John-Bean
- Case
- Crockible Steel
- John Deere
- Ethyl Corp.
- Harry Ferguson
- Ford Tractors
- "Friend" Sprayers
- R. Herschel
- International
- LaBell Discs Messenger Dusters
- Minneapolis-Moline
- New Holland
- PG&E
- Pioneer Equipment
- E. E. Richter
- Schmelser
- Shell Chemical
- Towner-Meyer
- Weaver Tractor
- Wisconsin Motors

In addition a large number of other firms and lines have arranged for an exhibit space direct with the Fair management.

TRACTOR & IMPLEMENT CLUB
1355 Market Street
San Francisco

By BOB SKAU

WAS taken to task recently and the more I heard from my critic the more intently I listened. When he got through I conceded that perhaps he did have a point, and a good one, but he was undoubtedly talking to the wrong fellow.

"In your regular column each month why don't you tell us what is going to happen to these livestock markets rather than what has happened? Anybody who reads your weekly paper can easily tell how the markets have been going, but I want to know how the trade will be next week or next month or better still what is going to happen six months from now," is the way his story ran.

In the first place, I told him, if I could tell what the markets were going to do just 24 hours in advance I'd put up a lot of odds that I wouldn't be pushing a typewriter back and forth on a little desk. Then I told him that as yet I hadn't met the fellow who could make that sort of prediction and have it come true, nor have I found anyone who has been able to close his eyes and then see the picture of the market to be. I also reminded him of what happened to many of the famous polls in the last presidential election.

This rancher has been very successful in his livestock ventures and I asked him how he governed his operations and picked the time to buy as well as his marketing dates in order to be as fortunate as he has been. Simple, he revealed. He reads everything, listens to everybody, watches all markets and then draws his own conclusions. That's his formula for success.

Time Consuming Job. It isn't everyone who has the time to do all these things, and that is why this column appears here regularly telling you what has happened in the past, what is going on now, and possibilities for the future. It is an ever-changing picture and one that has to be watched constantly, for the livestock markets are an independent lot and follow a course that is pretty much their own.

During June, for instance, we had a much more flexible market for all classes of livestock than for the preceding month. Supply, demand, weather and the consist of the receipts all played a part in the fluctuations just as they will in the months to come. There are other factors that cast their shadows over the markets and the effects of these will be felt as time goes on. One factor in particular that has created quite a bit of comment within...
This oil...

Unique "X" Safety Factor in Shell X-100 Motor Oil
Counteracts Acid Action

It's not friction, as generally believed, that causes the most engine wear.

It's Acid Action — chemical etching of engine parts that take place in the low engine temperatures of "On and Off" operation.

Intermittent use...long runs at idling speed...frequent stopping and starting—under such conditions, engines seldom warm up to efficient operating temperatures. They run "cold." Hence, combustion may be incomplete and partially burned fuel gases and moisture attack the smoothly polished metal surfaces chemically. It's this biting Acid Action that accounts for up to 90% of engine wear!

Shell Research worked all out on this problem...developed a unique "X" safety factor to combat Acid Action. Now, 2 1/2 million miles of road testing and millions of miles of use by motorists have proved conclusively that with this "X" safety factor Acid Action is effectively counteracted—engine life is prolonged.

This triumph of Shell Research—another Shell "first"—comes to you only in Shell X-100 Motor Oil. This oil, long famous for its ability to protect your engine under the stresses of sustained high speeds and extreme operating conditions, now gives you this added protection. It is unequalled by any other motor oil, no matter its price.

It's Incomparable!
It's a safe bet that road markers will assure you of reaching your destination. And it's a safe bet that if you have livestock to sell the best road to follow is to the open, competitive market.

There is no other medium for marketing livestock that has the opportunities comparable to those available on the open market. Here your livestock receives competitive bidding and that determines true market values. Your livestock is in the hands of trained operators who are in constant contact with ever changing market conditions.

Consign your next shipment of livestock to the Central market and you'll be sure to receive their full value.

The industry is the recent release by USDA showing that the number of pigs saved during the spring of 1949 was 15% greater than the crop of a year earlier. This is about 2½ million more pigs than last year and a potential increase in pork production of around one-half billion pounds compared with the pork produced from the 1948 spring crop of pigs.

Greater Meat Supply. This added pork, along with an increased number of cattle on feed in practically all areas that will be marketed this year, will make for a greater total supply of meat than at any time since the war years of 1942 and 1943. This prospective increase is a recognized fact by practically all branches of the livestock industry and poses quite a problem in regard to future operations.

Another factor that enters into the picture is the crop and feed situation. Grass and roughage is abundant in most sections, although in other than irrigated sections of California and parts of other Western states there has been a drouth. Feed grain crop reports from all over are very good, although weather for the next few weeks will determine just how great the crops will be. In the event weather stays favorable there will be big crops again and a greater need for livestock to consume it. Invariably there has been an increase in livestock population when feed supplies are plentiful and as a rule lower prices with the heavier volume of slaughter stock.

Exhaustive studies in Brazil disclose that the average gestation period for Brahman is around 290 days, with some of the breeds within the Brahman family averaging as low as 287 days and some up to 292 days. The Gir and Indu-Brazil breeds averaged less than 290 days and the Nellore and Guzerat breeds more than 290 days. Gestation period of the English beef breeds in the United States is normally considered to be 283 days.
Mr. Lockmiller's 65 h.p. Diesel D6 is pulling a 35-foot hitch of one-ways on row-crop ground, tilled with a heavy-duty, spring-shank cultivator. Outfit one-ways about 11 acres hourly, on 3 1/2 gallons of fuel.

ANY RANCHER who has to “favor” his tractor and slight his farming, for lack of power and traction, has a reason to wonder. He’ll know how W. L. Lockmiller, St. Vrain, New Mexico, feels on getting this deficiency eliminated!

“I farm 4600 acres of wheat and grain sorghum land,” states Mr. Lockmiller. “Up till now, I have used wheel-type tractors in my farming.

“In the past I have had to adjust the plows so the tractors could pull them. Now, I adjust the plows to the depth I want, then pull them at a lower speed, if necessary.

“The D6 is very comfortable to operate and simple to service. I like it fine. It allows me to do my heavy work faster, and also better.”

These results are standard for those who replace with “Caterpillar” Diesel power. Besides, this surefooted power on broad tracks extends the profitable job-range—to include effective soil conservation work. And besides that, these thrifty yellow Diesel tractors commonly produce drastic dollar savings on fuel, upkeep and manpower pulling big hitches!

CATERPILLAR TRACTOR CO., SAN LEANDRO, CALIF., PEORIA, ILL.
New McCormick grain drills

The large hopper on this 14-foot McCormick Model M drill holds about 10½ bushels... means few stops and fast seeding. The tractor is a Farmall H.

SPEED YOUR SEEDING ... AND DO IT ACCURATELY, TOO

You'll get your seeding done in a hurry when you hitch one of the new McCormick Model M grain drills to your tractor. For these drills are built especially for modern tractor farming... built to stand up under top tractor field speeds.

Their rubber-tired wheels ride easily over soft seedbeds. This means light draft and accurate gauging of planting depth.

You'll find every other feature you want in the new McCormick drills, including pressure-lubricated bearings; screw-type planting depth regulator; positive, quick-acting power lift. And your choice of many types of furrow openers in row spacings from 6 to 10 inches apart.

If you want to fertilize as you drill, choose Model MF with divided hopper and fertilizer feed. There's a grass seed attachment if you want it, and other optional equipment to meet special needs.

there is too much spread between asking prices by ranchers and feeders' ideas of fair prices for replacements.

Cattle. It is a pretty well established fact that cattle finishers are not basing their bids on replacement cattle for fall delivery on the current live market. The June market for cattle had its ups and downs, but generally speaking price levels were fairly favorable. There was a seasonal tendency to widen the price range with fed cattle holding up fairly well while grassers and warmed up kinds drifted lower.

The movement of grass cattle got under way rather suddenly along the Pacific Coast and at times markets were supplied with the heaviest runs of the year. Naturally, the buying side took advantage of this heavier supply and worked prices lower at every opportunity. However, the country was not yet ready for any sustained break in quotations and when lower prices did set in receipts were promptly shut off. This resulted in some rally in the market from time to time. Even when on the downward side the market was never in very serious trouble and the liberal supplies were cleaned up in fairly good order.

At markets in the Pacific area the bulk of the high medium and low good grading fed steers sold from $24.50 to $27 during most of the month while a fair sprinkling went up to $27.75 at the Los Angeles market. Several loads of top good grading steers from an Inter-mountain 4-H club show sold on the Los Angeles market at $28.25 and $28.50, which was the highest price paid this year for fed cattle.

Meanwhile, a price spread of $23 to $25.50 took in most of the short-fed and warmed up steers as well as the best end of the grassers. Quite a good supply of plain and medium grassers was found on all markets and these sold from $19 to $22.50 with quite a few sales noted downward from $18.50 when the market was at the low point.

Decline in Fed Heifers. Fed heifer numbers also declined and there were periods when this class of cattle was absent on all Far Western markets. A sale or two was noted up to $26 at Los Angeles, but as a rule most of those of fairly good quality and showing some grain feeding went at $22 to $24. The bulk of the medium and plainer kinds of grass cattle sold from $18.50 to $21, some selling down from $18.

Cows suffered quite sharply, for most pressure was on the grassy offerings and they made up the bulk of the supply. Real good beef cows as well as heavy dairy cows sold at $21 at Los Angeles before the market broke and after the decline it was $19 and down for the bulk of the best cows. A few good cutter cows sold around the $17 mark at Los Angeles the month closed while the same class of cows sold at $14.50 and under at San Francisco. This market had thin canners going at $10 and less while few had to sell under $13 at Los Angeles.

Supplies of calves and vealers
IT'S LUCKY
when you live
in the West

LUCKY LAGER
the age-dated beer
It's better sailing

for party-line neighbors when they all follow these easy pointers. "Makes neighbors into friends," says Sailor Sam. "I always do my party-line navigation by these easy rules. Good rules, I say."

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.

Thank you!

The Pacific Telephone and Telegraph Company

showed a seasonal increase and prices were mostly lower. Early in the month a few calves sold up to $29, but at the close it was $27 and under for both calves and vealers with the Los Angeles market about the highest point along the Coast.

The market for stockers and feeders was both hot and cold. When slaughter prices were on the upturn early in the month killers were taking a lot of two-way cattle by outbidding country finishers. Then when the market broke there was some accumulation of these cattle, for killers bid sharply lower and got most of these fleshy cattle and potential feeders more or less withdrew from the market. Medium grades of thin and fleshy cattle sold from $20 to $23 while a few cattle for a very short turn went out at $25 and $25.50. Plainest thin cattle sold downward from $20.

Hogs. On the opening days of the month hog prices rose to the best levels since early in January with supplies at all points running very light.
Our Commercial Feed Yards are operated scientifically to insure maximum results for the Consignor. We grind and mix balanced rations at our own mill according to the best available formulae.

Laboratory tests are made weekly to determine ration standard and efficiency of assimilation.

THE CONSIGNOR IS THE BOSS: We will feed cattle one day or one year. We are in the feed business and the cost of rations takes care of everything.

Query Us on Feeding Costs

Capacity—10,000 Head
The Most Modern Plant in the Southwest

Sudan Livestock & Feeding Co.

PAUL J. WALSH, Manager — Phone 7663 — Lubbock, Texas

A. M. McADAMS, Plant Superintendent
Phone 3751

E. L. KIMBALL, Bookkeeper
Sudan, Texas
that the majority of hogs now on feed are from this spring's crop and that the 1948 fall crop of hogs was well sold off.

Sheep and Lambs. The lamb market went to lower levels during most of the period. Supplies at most markets were relatively light, although San Francisco had a big bulge in receipts which tended to weaken the price structure at other points. Up to $20 was paid for small lots of good and choice spring lambs, but most of the offerings at all points ran to medium to good grades. These sold largely from $22 to $25 with plainer kinds under the inside figure. Old slaughter ewes bulked downward from $9.

The decline on slaughter lambs brought a corresponding loss in feeder lambs, but demand was fairly good at the new low levels. Volume of medium to good offerings going back to feedlots was fairly large with the bulk weighing under 70 lb. selling at $22.50 and under with most of the movement reported from the San Francisco market. Poorest light feeders were moving at $18 and under.

Despite the fact that the lamb supply for the remainder of the year promises to be light in all areas, market students feel that pressure of lower prices on other livestock, when it comes, will work against this class of livestock even though marketing may be small.

consumer call for most pork cuts.

One consolation in the recent report on the spring pig crop was that the number of hogs on farms on June 1 that were six months old or older was 3% less than last year, 15% below the 10-year average and the smallest June 1 total since 1938. This indicates

HOW WILL YOUR FEEDER PROFITS FINISH

Top finish feeder cattle profits stem from three factors:

1. Modern, comfortable housing during feeding.
2. Convenience of Central markets to reduce shipping shrinkage and
3. Scientifically balanced feeds, mixed in a modern mixing plant should be fed fresh daily.

FEED YARDS . . . 3610 E. Washington Blvd., L. A. 23, Phone AN. 0189
Salt-Feed Mix—
Regulate Feed Intake
By Adding Salt to Meal

HOW can you limit the consumption of supplemental feeds by your range cattle? Arizona cattle men are using common salt as a governor to control the feed intake of cottonseed meal and other feeds, providing a mixture that is openly available in bulk quantity to range cattle.

The salt is added in such proportion as to limit consumption to not more than the prescribed daily allowance, according to E. B. Stanley, head of the University of Arizona Department of Animal Husbandry.

The self-feeding plan helped Arizona ranchers solve the problem of daily range feeding which existed in the face of an unprecedented drought.

Early reports of stockmen feeding mixtures of salt and cottonseed composed of from 20 to 50% salt were at first considered incredible, for the practice was believed to be contrary to the known principles of livestock feeding.

Continued drought conditions throughout 1947 and 1948 were accompanied with a marked increase in the use of the salt-cottonseed meal mix for range cattle. Cattlemen throughout Arizona were reporting satisfactory results with the mixture.

Mix Consumption. Speculation developed as to the amount of salt-meal mixes cattle will eat under range conditions and the effects on the animal ingesting a large amount of salt over an extended period of time. Ranchers reported that a range cow will eat from two to three lb. of a 30/70 salt-cottonseed meal mix per day, amounting to an ingestion of 0.6 to 1.0 lb. of salt.

Tests made by Dr. B. P. Cardon of the University of Arizona Department of Animal Husbandry indicated that the feeding of 0.16 lb. of salt per 100 lb. of body weight in the hay ration had no detrimental effect on the animal and in no way inhibited the digestion of protein or cellulose. During the two-month period of experimentation the digestion of cellulose was significantly increased.

Essential Compound. This introduction of salt is effective in holding the amount of concentrate to a fixed level and has increased the amount of feed intake of range cattle while effecting a great saving. Mixing salt with a palatable feed insures an ample intake of a compound essential to life, for salt is not likely to be consumed freely from a salt block by all animals.

Cottonseed meal, because of its high protein and phosphorus content and strong energy value, has served to supplement dry, weathered grass or browse. Mixed in from two to four parts of meal to one of salt, depending upon the amount of meal needed by the stock, and made available for regular daily consumption, it provides at the least sustaining nourishment.
News Letter
from the
NATION'S CAPITAL
By FRED BAILEY

WASHINGTON officials are just as positive now that the country is headed for a depression as they were six months ago that more inflation was sure to come. The sudden shift caught planners with their blueprints down.

Congress, however, is discounting official pessimism fully as much as it marked down pleas for new executive branch controls based on the "absolute certainty" that something drastic needed to be done to combat inflation.

Agriculture Secretary Brannan has played both the Dr. Jekyll and Mr. Hyde roles in the torrid Washington economic farce within the past few months. He was major domo for the anti-inflation drive and now is beating the drums for "a sure cure" for farm depressions.

The Administration, so far, has offered nothing more specific than the Brannan farm plan to combat deflation. Inside facts are, Mr. Truman has told his advisers not to worry—that a little deflation, like a little inflation, is a good thing for the country.

While some top officials fume and fret, you can take almost any good Government economist out of earshot of a policy official and he'll tell you the country is going through some post-war economic contraction pains but that there's nothing seriously wrong.

Two current court favorites around the White House now are vying for a chance to take President Truman's crown away from him in 1952. Both are viewed favorably by the ultra-New Deal holdovers in Washington.

One is Agriculture Secretary Charles Brannan and the other is Connecticut's Governor Chester Bowles, the former OPA administrator now staging a political comeback after being booted out of Washington by Mr. Truman.

Both are fair-haired favorites of Presidents Truman and Eisenhower—"two similar enough that you can't tell them apart," according to a confidential source. Brannan is a "sort of a positive now that the country is headed for a depression as they were six months ago that more inflation was sure to come. The sudden shift caught planners with their blueprints down.

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WHAT'S THE BEST WAY TO CONTROL FLIES, LICE, MANGE and TICKS?

KILL 'EM DEAD WITH GAMTOX® OR ISOTOX® SPRAY!

Pest-plagued livestock can cost you money. As you know, cattle can lose as much as 50 pounds of dressed weight apiece in a single season... and dairy and sheep production can drop substantially...

If pests are a problem to you, you'll want the latest facts on ISOTOX and GAMTOX.

These two ORTHO insecticides are giving exceptional protection against such barn and building pests as flies (including DDT-resistant strains). They also kill mange mites, sheep ticks and cattle lice, roaches, earwigs and ants. ISOTOX is a triple-action killer—it kills pests by direct contact, by stomach poisoning, by vapor action.

Both ISOTOX and GAMTOX are available in wettable powder, concentrated liquid spray and dust forms. These are packed in economical sizes convenient for easy application. Get in touch with your ORTHO Fieldman. He will be glad to give you all the facts on ISOTOX and GAMTOX, including proper dosages and methods of application.

ORTHO Products are FRESH! When you buy ORTHO Dusts, your orders are freshly mixed in local mills... located near you. Get the full facts about fresh ORTHO Dusts and Sprays from your ORTHO Fieldman.
The most modern and efficient dehorning irons.

The most efficient and convenient means for heating branding and dehorning.

The audience was not permitted to see such backstage Romeo as CIO Secretary James Carey, Brotherhood of Railway Trainmen A. F. Whitney, AFL's Joseph Keenan, Director of Labor's League for Political Action, and others.

Busy backstage, too, were Jack Kroll, head of CIO's Political Action Committee, and Donald Montgomery of CIO's consumer education division. Montgomery, who headed the USDA's consumer division under Henry Wallace, is sometimes credited with drafting much of the Brannan farm plan.

Livestock Producers are sitting on Secretary Brannan's doorstep waiting for an answer to: "What will happen to us under your livestock subsidy and expansion program?"

Statistical evidence gathered by Brannan's Bureau of Agricultural Economics casts considerable doubt on whether meat consumption can be boosted to 175- to 200 lb. per capita, even with liberal Federal subsidies to what consumer appetites.

Meat consumption, the BAE report shows, does not follow the price curves. In 1946-47, when meat prices were high, per capita consumption reached a record 155 lb. Last year it dropped, along with prices, to 145 lb. per capita.

The percentage of weekly family income which consumers have been willing...
Cattle and hogs drink from this water trough, yet the pigs can't dirty the water in the main tank from which the cattle drink. Water is piped to lower tank as shown. Grating keeps hogs out of the water. Concrete slab around trough prevents the area from becoming a mudhole.

**AUSTRALIAN IDEA INCREASES PASTURE EFFICIENCY**

This flexible chain harrow spreads the manure instead of allowing the piles to burn and choke out spots in the valuable pasture. A harrowing by this implement gives full fertilizer value to wide areas. It also cultivates the ground at the same time. The harrow is now being used in the Swiss-American dairy areas in Oregon.

**DIESEL ENGINES NEED CLEAN FUEL**

For maximum power and smooth performance from your Diesel you must use a fuel that is clean. That's because dust, dirt, water and sediment tend to cause plugged jets, loss of power and poor performance. Union Oil Company's DIESOL is a clean fuel. DIESOL is a pure, wholly-distilled fuel made from the finest crude stocks. It is carefully handled from refinery to you to assure its freedom from foreign substances. To get the best out of your Diesel order a supply of DIESOL from your Union Oil Farm Representative.

**THESE GEAR OILS CAN TAKE IT WHEN THE HEAT'S ON**

Union's RED LINE A.P. GEAR LUBRICANTS can take the most severe churning and squeezing oils can get in gear boxes—where temperatures are hot enough to boil water—without losing their ability to protect the metal surfaces against corrosion and wear. These gear oils are multi-purpose lubricants. That means they can be used in any type of enclosed gear box where a gear oil is specified—whether in cars, trucks, tractors or other farm equipment. Ask your Union Oil Farm Representative about RED LINE A.P. GEAR LUBRICANTS.

**P3DUISTRIAN GATE IS CONVENIENT**

A small gate alongside the drive-in gate saves your time and strength and reduces wear and tear on the big gate.

**4-H CLUBBERS!** Correct and adequate lubrication is vital to efficient, economical farming. Make it your job to keep the equipment on your farm in top operating condition through regular inspections and proper lubrication.

**UNION OIL COMPANY**

"The Toughest Lubricants in the Field"
No. 37
Economical Roughage Utilization

Because of the dryness of many of our ranges and pastures this year, Cane Feed Molasses should be carefully considered by all livestock feeders as a profitable supplemental feed. It has been proved to be economical and beneficial for this purpose.

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ing to spend for meat also has been going down during the past year. In the first half of this year the percentage had dropped to 5.4—below the 1935-39 average.

Those figures disturb the magic wand wavers in Washington. They fear that perhaps there is something about this livestock business that they haven’t learned yet.

INSIDE STORY of the calm that suddenly settled over the oleo tax removal fight is getting a lot of Washington chuckles at the expense of red-faced Southerners.

Southerners led the fight to preserve their right to unlimited filibuster in the Senate, and won. But, almost immediately, they found that two could play at the game.

Dairy spokesmen, unable to stop passage of the tax repealer in the House, dropped a hint over on the Senate side that they would to talk quite a while there when the bill reached the floor.

Senate leaders, anxious to keep major bills moving, quickly shield away from bringing up the oleo bill in the face of a filibuster threat. It may be effectively bottled up for the remainder of this session—but is sure to pop up again early in the second session of Congress next January.

THE USDA’s GRAIN storage building program is not meeting with the acclaim which its sponsors had hoped. Indications now are that it will result in less new construction than had been hoped.

Wheat growers, facing a probable 25% cut in acreage allotments for the next crop, are not inclined to borrow money to build storage they may have no use for in a year or two.

Corn producers are even less enthusiastic. Unlike wheat, barley, grain sorghums and rye, there is no provision now for payments for storage of an individual farmer. There is a 10 cent per bushel payment on resealing of 1948 loan corn.

Midwestern farmers are writing the department that they want storage payments and that they are not very much interested in the CCC offer to lend them up to 85% of the cost of new construction.

As a result of that pressure the department probably will announce a corn storage payment of 8 to 10 cents a bushel before the new crop reaches market, especially if that crop is anywhere near as large as in 1948.

Farmer cooperatives resent provision written into the storage program which prohibits government aid to them for expansion of storage facilities. They think it is unfair to do anything for an individual farmer that also isn’t done for a group of farmers working through their cooperative.
By RAYMOND HUSTED

The latter part of May and the early part of June didn't require quite as much "roaming" as my schedule for the several preceding months did, and I was around Los Angeles several weeks, which was in the nature of a vacation for me.

This Brahman thing is getting under my skin. I've been around the Los Angeles stockyards a lot the last month and have seen plenty of influence of the Brahman crossbreeding program in the receipts of cattle there. Do you suppose the darn things are here to stay? I talked to packer-buyers and one of them who works for one of the larger independent outfits in Vernon told me his house had practically butchered nothing but Brahmans this year, which he estimated at close to 8,000 head. Other buyers held forth on the weight for age proposition—particularly calves—and they one and all were impressed favorably by dressing percentages, and most of them liked the carcasses because they seem to hang up whiter in the coolers than is usual with grass-fed cattle. I also have talked with several commission men who handle a lot of Brahmans, and they say they are not so hard to sell as formerly. Some buyers and commission men think they're taking the place of the Mexican cattle that are no longer available, and a lot of them think they are here to stay—so what? I still am strong for those good old white faces, Shorthorns and black dodgers, but I guess a man never gets too old to learn, maybe?

One Sunday early in June I put in some time over at Pomona at the Los Angeles County Fairgrounds at a San Gabriel Valley 4-H Club show. It was a dandy, and for diversified interest was one of the best I have attended. The boys and girls had quite a lot of livestock that showed considerable development and condition. I was particularly impressed with the fashion show which the 4-H girls put on. Those kids sure know how to make dresses and wear them, which is all to the good for the future. Del Liddle, assistant farm advisor of Los Angeles County, was running the show and did a good job.

I got in on the Judges' Conference at Davis in June that Lou Merrill and Tev Paine of the Western Fairs Assn., sponsored along with Cal Poly...

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Over two hundred head including calves with dams.

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Including 15 choice open heifers.

20 BULLS

A number of them outstanding herd bull prospects.

This is a major reduction sale consisting of many of our top producing cows. We did not have our annual sale last year, thus to reduce our herd to our desired numbers we have dipped heavily into our replacement herd for this sale. The cows are all young, of the best of Polled bloodlines, and carry the service of Leskan Tone, Leskan Tone 8th, Leskan Tone 12th, and President Mischief 9th. A large number of them have outstanding calves at side by these same bulls. The get and service of Leskan Tone will be an ace feature. This is a sale you won’t want to miss. You’ll have opportunity to share in the phenomenal progress this herd has made in recent years.

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Here’s a group of cows that go into the sale. Many carry the service of LESKAN TONE.
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and the Davis School of Agriculture, and it was a very interesting affair. In view of what I said above about Brahman, I was particularly interested in what Prof. Harold Guilbert of Davis told and showed us in a combination lecture illustrated by slides and blackboard talks at a preliminary meeting held before the conference as to the results of feeding experiments with Brahman, Braford and Hereford. He gave us the figures on dressing, yields, costs, etc. It looked as though they all got off at the same place eventually, which also made me scratch my head some more.

The Judges’ Conference was well attended and most interesting, I thought. There was a lot of difference of opinion among the men who were doing the judging—there almost always is—but on the whole I thought most of the budding aspirants to the ranks of available judges did a pretty good job of judging. Better than I did, I’ll say that. One feature that everyone agreed upon was the party and barbecue that the management put on over at the Solano County Fair Grounds at Dixon. All the refreshments and eats were tops, and everyone had a swell time. Tev Paine and Prof. Carol Howell both uncorked some histrionic abilities that I didn’t know existed.

GOT in to the Mission Hereford Ranch the other day for the first time in a number of months and Dale Carithers was home, so he and I looked over his 1949 calves, also some of his yearlings he has kept, and, as always, they looked pretty good to me. Some of the calves by the “2nd” are howing a lot of promise and probably will develop as a good many of Dale’s Triumph and Domino Prince calves always seem to do.

I STOPPED at the Newhall Land and Farming Company ranch out on the Santa Clara River near Castaic Junction one afternoon in June to look
at some Aberdeen-Angus bulls that Peter McBean had told me about when I saw him at the Los Angeles yards a few days before. Peter wasn’t at the ranch when I arrived, but Henry Pool, the cattle foreman, took me over to the pasture and we went through 40-year-old Angus bulls—the largest number in one bunch I’ve seen in California—that Peter got from Timmy Pierce down at Woodlawn Farms last November.

The Newhall company bought a big bunch of Angus cows from Dave Hay up around Firebaugh a few years ago, and are breeding Angus up there and got these bulls to go on those cows. They are a nice even bunch of breeding bulls with very good heads—never have been crowded at all, and don’t look as sleek and nice as some Angus show bulls I’ve seen, but will be in good condition for service late this fall when they will be turned out with the cows. I saw Peter McBean at the Newhall office later in the afternoon, and he showed me the pedigrees of the bulls. I was interested to note that a number of them were sired by Postelmore, the Woodlawn bull that has made quite a lot of Angus history here in California for the Hacienda de Los Reyes Angus ranch at Selma that is owned by Bill and Willie Volkmann. It will be interesting to see how the bulls do for the Newhall folks up at Firebaugh. This will be about the largest Angus ranch in the state when they get going.

A. J. DALRYMPLE, the farm and ranch editor for the Vancouver (B. C.) Daily Province, sent me a clipping from a recent article in his column a few days ago. He and some other men I met when I was in Kamloops last March made a trip up to the Wilson Blinkhony Polled Hereford Ranch late in May. There was plenty of snow and ice when I went up there with Tom Wilson in March, but the winter was over when Dal piloted his crowd up there in May, and he says the cattle look good. He also very feelingly referred to some good and much appreciated entertainment features the Wilsons provided for the crowd at their ranch home—particularly what Dal called “good stuff” that looked like it came from the “H-Bar-H” spread. I’ll leave it to anyone who has visited in British Columbia with a bunch of cowmen to

“...The record and other paper work on a ranch producing registered cattle is far more important than most people realize. It is surprising how much one finds out about his cattle when he really digs into the records. There would be far fewer calves of the doggy order if more study was given to breeding records and ancestry of the cow herd. Might also be that some bulls would go to the butcher sooner.”—Ray R. Thalman, Golden State Herefords, Oakdale, Calif.
ARIZONA BRAHMANS—Brahman and Brahman crossbred calves are quickly and quietly tied for branding, vaccinating, castrating and earmarking at the Vaca Ranch of the Janss Investment Company, Patagonia, Arizona.

make a guess at what he was talking about. Dal said the bunch was kind enough to remember my visit in March and asked him to tell me they wished I was there. This also goes for me. They are sure a fine bunch of fellows.

A GROUP of us who were attending the Judges' Conference at Davis took time out one morning and went over to the Sacramento Herefords Log Barn to see the cattle that Billy Normile is fitting there for Tom Richards of the Bercut-Richards Packing Company that operates the outfit. The group included H. Clay Daulton and Stuart Cooper of the Circle Dot Herefords of Madera, George Smith of Stratford, and myself. While we were going through the cattle with Billie, Tom Richards showed up and we had a good visit. They have some good prospects in the barn and out in the paddocks, and will doubtless have them in good shape for some of the fall shows. We also saw a number of groups of yearling bulls being fitted for pen entries for the fall and winter shows and sales. Most of the breeding herd is at Nicholas and Wheatland.

I DROVE into H. Clay Daulton's Highway 99 irrigated pasture ranch near Madera one morning in June, and ran into Axel Anderson of Exeter there who was just taking delivery of 20 head of Circle Dot bred heifers he had just selected from Clay's good herd. They were a nice even bunch of heifers of very good quality, and I think Axel was fortunate in being able to talk Clay out of them. They should make a nice addition to Axel's registered Hereford herd.

Sixteen of the heifers are bred to Prince Triumph 15, a grandson of WHR Triumph 6, the well known Mission Hereford Ranch bull, and the rest to bulls of Domino Prince and Standard Domino breeding. Some of them will calve early this fall. Axel plans to breed all of these heifers for 1950 calves to Mission Ranch's Triumph Prince, the summer yearling bull he bought at the California Hereford Assn. sale at Madera last fall for $3,050. This bull was sired by Triumph 21 by WHR Triumph 6, and out of a Domi-
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The kind of cattle you need in your herd

A. B. Hardin
Gillette, Wyo.

July 15, 1949

no Prince cow named Betty Domino 6. It will be very interesting to watch the results of this breeding program, and doubtless West Coast Hereford breeders will be following it closely next year. Axel is evidently out to build up a fine herd of registered Herefords, and this combination of breeding should give him a good opportunity for success. The price of the heifers wasn’t announced, but both parties seemed to be happy about the deal.

I SPENT a day at the San Diego County Fair, which is held at Del Mar the last week in June, while they were judging the beef cattle. I have attended this fair for several years and I am sure that this year’s showing of beef cattle was much the strongest that I have ever seen at Del Mar. Of course the time of year makes it difficult for the breeders to get their show cattle in top form, but there were six herds of Herefords and four of Aberdeen-Angus represented, and, generally speaking, the quality of the cattle was good, and most of them were in pretty good condition to show.

William E. Braun, the agricultural teacher at the Tranquility High School, Tranquility, Calif., was the judge and did a good job. Braun’s judging team from his high school won the state high school judging con-
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"When we find a cow whose calf is not taking all of her milk, leaving one or more teats unsucked, enlarged and sore, we take that cow in and milk her until the calf does take all four teats," says William D. Sidley of the Silver Spur Ranches at Encampment, Wyo., widely known producers and exhibitors of championship feeder calf carloads.

Milking out the big-teated and extra-heavy producing cows for the first week or so of the lives of their calves is the special task of two men who have charge of the Silver Spur herd of several hundred high-grade Herefords. Sidley feels that he would have to have one man with the herd anyway and by having two men for a comparatively brief period during the spring, he does a much more complete and satisfactory job, with resulting better mothers and better-doing calves.

"I am not sure but what he is right. They are certainly a nice pair of heifers."

---

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NO POWDER

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Larger capacity with larger motor.

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the fair with his San Luis Rey Ranch Herefords from San Luis Obispo and walked off with the championship on his senior yearling bull. Ernest showed this bull as a senior calf last year and did right well with him at some of the county fairs, and he was showing in nice shape at Del Mar.

Jack Haley's JJ Larry Domino, a senior calf that Walter had in nice condition, was reserve champion. In the female competition, Jack Haley's JJ Gertrudis, senior yearling heifer, was champion. This is the heifer that created so much comment and did so well for the Haley herd in last year's shows when she was shown as a senior heifer calf. She stood second in her class at the RJ Royal show at Kansas City last fall in about the stiffest competition of any show in 1948. She also won first in her class at the Cow Palace show at San Francisco last fall, and later won first and was also reserve champion at the Phoenix show in December. She has developed very nicely and is showing in very good form this year, and should improve as the season progresses. The Haley sen-
Half-Rate Shipping—
Livestock Exhibitors at Public Fairs Entitled to 50% Cut in Railroad Rates

IN the belief that exhibitors of livestock should be generally familiar with important rules and regulations contained in railroad tariffs governing shipping and handling under reduced rate provisions, Western Livestock Journal presents a summary of information which should be helpful to exhibitors.

We are indebted to E. G. Reed, general livestock agent for Union Pacific Railroad Company, Omaha, for his listing of railroad tariff requirements. Reed suggests that it is always desirable to consult local railroad agents or freight traffic offices before making a shipment for exhibition purposes. He points out that rules are occasionally changed without general public notice, although all changes are published in tariffs legally on file with the Interstate Commerce Commission and are available to all shippers at freight offices.

Fifty per cent of the usual rate is granted for livestock shipped for exhibition purposes under certain conditions:

The expositions or fairs must be held under public auspices, for the half rate does not apply on livestock moving to or from exhibits held by dealers or associations for commercial or trade purposes. This would include such shows as are held in connection with breed association sales.

Qualification. To qualify for half rate, animals must be shipped as ordinary livestock or at the stated value not in excess of ordinary livestock. This does not prohibit carrying insurance on the livestock, but means that under the reduced rate the railroad cannot be held liable for loss or damage to the extent of any more than ordinary market value of the animals transported.

Reed indicated that frequently exhibitors unknowingly have the benefits of the reduced rate nullified or voided be-
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ROLLED GRAIN

* IMPROVE DIGESTIBILITY
* ELIMINATE WASTE
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ROLLS CRACKS CRUSHES
ALL SMALL GRAINS

AVOIDS DUSTING!
Cut your feed bill up to 50%! Improve feeding results! Every bushel of rolled feed produces more growth, more meat, more milk. Animals prefer coarser, dust-free, easily digested rolled grains, and eat it more readily. Rolling eliminates waste and digestive disorders due to dusting, requires less power, less labor, less time. With a low cost Farnam "Farm Size" Grain Roller you can roll grain as you need it and feed it fresh rolled, full of nutritive value.

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cause they declare a high value on their livestock.
The full rate is paid on the going trip from point of origin, with the return to origin, if direct, being made on the same railroad without charge under these conditions:

Exhibitors must secure certificates of exhibition from the secretary or other authorized officer of the exposition which must be given to the railroad agent when billing out. The livestock being returned must be the same as that forwarded to the show and cannot have been sold, traded or have changed ownership. In addition, the return shipment must be made within 30 days after the close of the exposition.

Inbound Charges Reduced. When the entire movement is via all rail lines covering a circuit of several fairs or expositions, the livestock will be way-billed at regular tariff rate to each point of exhibition and at the close of each fair on presentation of certificate of exhibition from the secretary of the fair, and provided there is no change in ownership, the inbound charges will be reduced to one-half the tariff rates. When reshipped from the last point of exhibition to the original point of shipment via direct routes and the bill of lading or livestock contract is accompanied by proper certificate of exhibition, one half of the tariff rates will be applied. This is subject to a minimum charge of $16.50 per car from or to each exhibition point.

Under the reduced rates, livestock chiefly valuable for breeding and exhibition purposes will be so handled only when the carriers' liability is limited to the following ordinary livestock valuations:

Each horse, pony (gelding, stallion or mare), burrow, donkey, male, jack or jenny—$150. Each colt under one year old—$75. Each ox bull or steer—$75. Each cow—$50. Each calf, six months old or under—$20. Each hog—$15. Each sheep or goat—$5.

Transportation for Caretaker. Livestock shipped for exhibition at expositions or fairs held under public auspices (does not apply to expositions or fairs for commercial or trade purposes) may be accompanied by one additional caretaker who will be allowed free transportation to and from the point of exhibition.

Traps (but not vehicles), equipment and personal effects of attendants or caretakers with carload shipments of livestock will be carried without additional charges, if they do not exceed 500 lb. with each carload. Feed and bedding in the same car with livestock will be handled free.

Livestock for exhibition purposes will not be accepted for transportation in boxcars exceeding 40 feet, 7 inches in length. A charge of $5 per car will be made for the alteration of boxcars where necessary or when requested by the shipper or when done by the shipper and restored to original condition by the carrier. This charge includes
SLICK TRICK—This "Jacob’s Ladder" corral fence came from war surplus and the inventive minds of Dr. Robert A. Vanderhoof and Leonard D. Hansen of Vanderhoof Polled Herefords, Woodlake, Calif. They spotted the perfectly good Navy ladders in a war surplus pile and figured that they should be adaptable to some ranch need so bought a supply. Stretched along some welded pipe, it was just the trick for some of their new and replacement corral needs. A. B. Bonnett, Riverside, Calif., examines it.

both preparation and restoration of cars.

Rental Charge. A rental charge of $3 per car per calendar day or part day will be assessed for each day each boxcar is held at the exhibition point at the request of the shipper for later reloading.

Because there are some exceptions to these tariff requirements and some modifications applied to intrastate shipments within certain states, it is important that before a shipment of exhibition livestock is made and before a car is ordered the exhibitor or shipper consult his local railroad agent.

The shipper will be expected to furnish information specifying the kinds and species of livestock to be shipped; the date the car is needed for preparation and loading, including the date to be shipped; the place of first exhibition point and the name of the exposition or fair, in addition to subsequent exhibition points and names of expositions or fairs and probable length of time the shipment will be on the circuit; and the number and type of cars desired.

New View
By S. OMAR BARKER

Many a swelled head
Might shrivel to size,
If its owner could borrow
The office help's eyes!

July 15, 1949

Madera District Fair
HORSE SHOW and RODEO
Sept. 29 thru Oct. 2

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Now offering rugged yearling bulls and a number of open heifers for sale.

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Ray Ault, Supt. Bob White, Herdsman

Dr. McPheeters also says, "We are specializing in Purebred Registered Brahman Cattle and using Purebred Brahman Bulls in crossbreeding with Herefords, Shorthorns, Devonshires, and other breeds for increased beef production. We have been using GERMAIN'S Pasture Grass Seed and Field Seeds for several years and have used GERMAIN'S advice for formulas on Pasture Grass Seed mixtures and have been very well satisfied with the results."

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Page 31
Uniform Sowing—
Lowly Rice Hull Acts as Cup in New Single Operation Mixed Seed Sowing

The lowly rice hull, long considered a waste product of little commercial value, appears headed for a modest share of fame. Its long-hidden talents apparently hold the answer to one of the farmer's oldest and most vexing problems—how to sow mixtures of different kinds of seeds in a single operation and get positive, uniform distribution of all seeds regardless of their size, shape, or weight.

Discovery of the unique virtues of rice hulls was made by the U. S. Soil Conservation Service nursery at Pleasanton, Calif. It resulted from reports that farmers were having serious difficulty in calibrating grain drills to the right amount of different kinds of seeds recommended in the planting mixtures. Too often, the small and relatively heavy seeds rushed out of the drill spouts leaving the lighter, fluffier seeds behind. This resulted in spotty, uneven stands which defeated the purpose of the mixtures.

Seeks Solution. Knowing that seeding difficulties would doom widespread use of the new mixtures, badly needed to protect and improve range lands, O. K. Hoglund, agronomist at the Pleasanton nursery, determined to find a practical solution. From experiments conducted at San Fernando by Dr. A. L. Hafenrichter and Paul Lemmon, he was convinced that the answer lay in adding a carrier or "diluent" to hold various seed mixtures together. Hafenrichter and Lemmon had found varying degrees of success with bran, sawdust, cracked barley and numerous other carriers.

Hoglund tried them all, including sand, but none was completely satisfactory. Sand was impractical; it left the light, fluffy seeds behind. Cracked barley showed the most promise but it was expensive.

More out of desperation than hope, Hoglund tried adding liberal quantities of rice hulls to various mixtures. The results startled him. Each hull acted as a tiny cup which held small clusters of the different seeds in the mixture. Those not trapped in the...
seeds of widely different

animal in 1948 amounted to

Although 1948 production was the

tribution of seeds through the hulls.

difficult to get even dis-

hulls, it all that can be handl-

ficiently at one mix-

lustration regardle-

mixture of rice hull use

with small seeded grasses and legumes

there

method of sowing small seeded forage

sacks of rice hulls, about six

to mix the vari-

ging over the hulls fairly evenly. Then mix

size, shapes, and

higher-yielding forage. The uniform growth

of all plants, now in evidence

first seeding with rice hulls in their

role was made on the L. Z. Mitchell ranch near Corning, Calif., in

of that year. Thirty acres

grass, burnet and subterranean clover,

favorable, even stand of high-

a vigorous, even stand of high-


there is little to the job of mixing

and rice hulls prior to sewing

them with a grain drill, which is con-

considered superior to old broadcast seeding. "All you have to do," Hoglund

says, "is spread a six-bushel sack of rice hulls on a tarpaulin or clean floor to a depth of six inches or more. Weigh out the proper quantities of the various seeds and scatter them over the hulls fairly evenly. Then mix altogether with a shovel. Set the grain drill for 160 lb. of barley per acre, place the mixture of seeds and rice hulls in the drill box, and you are ready to go."

From experience, officials at the Pleasanton nursery have found that the most efficient rate of rice hull use with small seeded grasses and legumes is about two bushels of hulls per acre.

Quantity Mixing. Rice hulls and seeds can be mixed in considerable quan-

ty and stored in bags for later use. There is no danger of seed sepa-

ration regardless of the amount of handling. Because of their bulk, however, one sack of rice hulls, about six bu-

shels, is all that can be handled effi-

ciently at one mixing. Larger quan-

tities make it difficult to get even dis-

bushel, i all that can be handl-

ficiently at one mix-

larger than

any year prior to that date.

Oregon Meat Production—

Oregon farm production of meat

animals in 1948 amounted to 368,000-

000 lb., about 3% less than in 1947.

Although 1948 production was the

smallest since in 1937, it was larger than

any year prior to that date.
SPRECKELS SUGAR COMPANY

takes pleasure in announcing
the appointment of
WILBUR-ELLIS COMPANY
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GENERAL MILLS, Inc.
LARROWE DIVISION

for
SPRECKELS
MOLASSES
DRIED BEET PULP
KNEE-DEEP IN FEED

George Mee looks over his 30,000-acre hacienda, once owned by Henry Miller, said to be California's highest producing cattle ranch.

Peach Tree Ranch, San Lucas, Calif.,
Where Water Makes the Difference,
Keeps Constant Guard Against Drouth

By REUBEN ALBAUGH

Drought has been the thorn in the hides of livestock operators in much of the West ever since the Spanish padres stocked the lands that surrounded their great chain of missions. History's pages are filled with accounts of lean, dry years when livestock perished, men went broke and the whole economy of the sheep and cattle country tottered precariously. Range wars over "rights" to springs, creeks and waterholes are interwoven in the past of the colorful and romantic livestock business.

Even Henry Miller, the great cattle king of the West, knew the consequences of lack of "Adam's ale" to his business. At an early date he learned and practiced measures that would contend with years when rain failed to come. During the wet years when feed was abundant, thousands of tons were stored in barns, sheds and in stacks to be used during the dry cycle.

With this huge supply of feed he was able to buy the less fortunate operators' cattle for "a song" during the dry years. These practices made him wealthy. This was long before irrigation was developed in California and years before the famed ladino clover together with the perennial grasses made up what is now the much-talked-about permanent pasture, the main means now used to cope with the drought in the West.

Man-made Feed. These were a few of the things that were discussed as we sat with big, hospitable George Mee and his popular son Tom on the porch of their great adobe house overlooking their range, pasture and cattle on the famous Peach Tree Ranch, San Lucas, Monterey County, California. This old Spanish land grant was once owned by Henry Miller and was considered one of his best ranches. It was midsummer and the surrounding hills showed evidence of lack of rain, but down in the pastures grazed 1,200 head of white-faced steers, knee-deep in man-made feed which had been made green and lush by water.

On this 30,000-acre hacienda these shrewd operators do not talk in numbers of cattle they run, but rather in pounds of beef they produce. George said, "We have produced approximately 1,600,000 lb. of beef per year since putting in our permanent pasture. Our records show that we get about 600 lb. of beef per acre from these irrigated pastures, and roughly about 25 lb. per acre off the surrounding rangeland."

Until very recently this was strictly a steer ranch. Cattle were brought in each year from New Mexico and Arizona as weaners and yearlings and run from one to two years before being sold for beef. The outside range is grazed during the winter months and along about April 15 the heavy end of the older steers is topped out and shoved on to permanent irrigated pastures. Here they are grazed for about 90 days, after which time they are shipped to Bakersfield to be finished on the drylot. While on this permanent pasture these cattle receive all the barley and wheat straw they will eat, around 10 lb. per head per day.

Buys Purebreds. At the great Pollock Hereford dispersal sale, Mee bought 83 head of top registered Herefords, of which 81 were cows and two were bulls. These are some of the best quality and bred cattle to be found in California. A 3-year-old bull was also
AFTER many years of working on the Chicago market it was an everyday event to walk up and down the alleys and see load after load of sleek, well finished cattle of the more popular beef breeds. Actually and without realizing, it became so matter of fact that rarely did I give second thought to the kind of cattle offered on the majority of days.

You can imagine my surprise when I went on my first tour of the Los Angeles market just a few weeks ago. No, it wasn't load after load of the more familiar type of beef cattle. It was a few loads of the European beef kinds and then a load or two of Brahmans or cattle of a Brahman cross. There were all kinds—cows, bulls, calves and steers.

Every now and then in Chicago, and generally in the Fall season, we would see a few Brahman steers, but they were more or less of an oddity. A few might be real full bloods, or close to it, while others were crossed with some of the more familiar dairy or beef type breeds. Some of these critters got more than their share of attention because of the fact that they either came out of a rodeo and had been driven half mad by the roaring of crowds as cowboys tried to ride them, or else they were ferreted out of the Bayous far down the Mississippi River and sent to Chicago because, perhaps, of favorable market prices.

Come the Curious. The curious prodded them around a bit to give an expert opinion on their breeding, which really they didn't know a darn thing about, or else some comment was made about the dew-lap, the large ears, or maybe the hump or their rather sad faces.

When the bunch had gone to the scale and over to the packing house that would probably be the last that Chicago would have for months on end. That was the extent of my knowledge (I'm bold to put that latter word in) of Brahman cattle.

My first reaction in seeing so many Brahman cattle on the Los Angeles market was that it was just a freak that so many should be on the market in one day. But when I came back the next day and the next and there were more Brahmans, that's when my curiosity got the best of me. Since that time, and in a very rapid fashion, I have been re-educated in this cattle breeding business and it has proved to be one of the most interesting subjects I have uncovered in this business in almost 20 years. By no means am I an expert on Brahmans, but perhaps because of my lack of knowledge on the subject, my questions might provoke some different thinking for you who are familiar with these cattle.

Getting the Answer. We are very fortunate here at the Western Livestock Journal to have several men who are well acquainted with Brahman cattle, for they have worked with them through ranchers in the West and Southwest since about the time they became popular in this country. A lot of my questions were settled here, but I wanted to go even further into the deal; I talked to commission men who have sold them and with ranchers who have been raising, breeding and feeding them. Finally, I followed Brahman and Brahman type cattle through the packing house to see how they were doing on the rails.

In the remainder of this story I will try to tell you what I have found in my investigations. I won't try to draw any conclusions, but I do feel that I can honestly discuss the good and bad points of most of these cattle I now see, as I can the European breeds that predominate in the Northern and Eastern parts of the country.

It goes without saying that there is opposition or discrimination against Brahman and Brahman type cattle, but at the same time there are a lot of people in favor of them. You will find opposition from commission men, breeders of European type cattle and some packers and feeders. But at the same time Brahmans are being crossed with some of the best English type herds in the West and Far West. You will find them readily accepted and much sought after by some packers, and there appears to be an almost unlimited demand for Brahman type breeding cattle, stockers and feeders and those ready for vealing.

Emphasis on Type. Of all the reports I have heard from the breeders the emphasis has been on type and proper crossing. Those actively engaged in crossing Brahmans point out that in the first cross it is just about impossible to tell that there is Brahman blood once the cattle are hanging in the packing plant. Where there is an uneven distribution in the breeding, i.e., where there is either less than half or more than half Brahman, the characteristics of this breed do show up.

There are still a great number of this type being marketed, but the percentage appears to be on the decline. However, from the feeders' standpoint, these cattle are very desirable in that they will gain more on grass or in the feedlot than any other type of cattle. The ideal cross, according to all reports, is good Hereford cows mated with good Brahman bulls. But this is a one year project and most cattle feeders want to see quicker results. That is why there are still a lot of the Southern crosses used, and the majority of cases these will show the uneven distribution of breeding, but will do an excellent job as far as growth is concerned.

Naturally, the primary reason for

Brahman crosses such as these are arriving at market centers throughout the nation in increasing numbers these days. Good Hereford cows mated with good Brahman bulls form the ideal cross, according to many packers, processors and commission men.
feeding the cross-bred cattle is to get
the extra gain in weight that is typical
in the hybrid. Because there are not
enough first cross cattle available many
feeders have taken on replacement
stock that is really not the ideal animal
from the packers' viewpoint.

Discrimination. It is the Southern
Brahman cattle that some processors
will discriminate against for it has been
proved that they do not compare with
straight breeds of cattle nor with the
true cross-bred Brahman. Where the
cross is predominantly Brahman the
cattle do maintain the hump and most
of the characteristics of the Brahman.
I have seen a lot of these cattle in the
packhouse and they do not present
the most satisfactory carcasses. In prac
tically all cases of uneven crossing the
cattle will carry the large hump and
tend to fall away rather badly in the
forequarter. However, the longer they
are fed the better the carcass, but most
of these cattle are kinds that do well
only to a certain point in feeding and
the majority come off of pasture or else
have been a short turn on a dry ration.
The hind quarter is generally very
good. The round will show as well as
any comparable fed animal of the more
conventional breeding. Marbling is as
good or better and the palatability of
the meat is good. In the forequarter
the chuck and neck is very narrow and
it is more pronounced in cattle that
have been grazed or fed for only short
periods.

There is also quite a bit of complaint
about the amount of kidney fat in most
of the Brahman type cattle we see on
the markets. The average weight of
caul fat on cattle where the breeding
is uneven will run from 2% to 4%
more than on comparable grade cattle
of any of the English strains. How
ever, the U. S. Department of Agricultu
re has conducted tests and made com
parisons showing the average weights
of caul fat of non-Brahman and part-
Brahman cattle. In lots where cattle
were fed for 120 days and also for 179
days, the difference between the straight
breeds of cattle compared with first
generation crosses is almost nil. In an
other test conducted by the department
as to the amount of ruffe fat in non-
Brahmans and part-Brahmans the for-
mer had a distinct advantage.

Mixed Breeding. A California packer
who has killed upward of 1,000 head
of Brahman and Brahman type cattle
each month this year pointed out these
bad features. However, here again it
applied to cattle that showed mixed
amounts of breeding. It was admitted
by several packers that occasionally
a very desirable lot of Brahmans was ob-
tained and the killing and dressing per-
centage was very good. While they
were at a loss to explain why some did
so well it is expected that the favorable
lots were from cross-bred cattle that were appa-
rently 50-50 crosses.

Another packer was contacted in re-
gard to the desirability of Brahman
type cattle from the slaughterers' view-
point. His report was a favorable one,
but his experiences are coupled with
the raising and breeding of Brahman
cattle. This packer has slaughtered a
great number of these cattle also, but
he pointed out that the true cross-
breds are very desirable from his point
of view. He reported that they produce
an excellent carcass, have better dress-
ing percentages than English breeds of
cattle and will bone out a greater per-
centage of meat. He found that Brahm-
man cattle will finish on feed quicker
and younger and are quite often rushed
to market off grass and never see a
feedlot. Coming off soft feed will pro-
duce sloppy forequarters, but it is no
worse in Brahman cattle than in other
breeds that have had comparable han-
dling. One point that most packers
were in agreement on was that calves
and vealers showing the Brahman
breeding are generally better doers in
the packinghouse than other breeds.
They will dress out to a higher per-
centage by several points and the meat
is considered excellent.

Hybrid Vigor. There have been times,
although they are rare, when the word
"treason" has been used in connection
with some ranchers who have bred
Brahman bulls to registered cows of
the more familiar beef breeds. How-
ever, this is the only way to obtain
hybrid vigor. None of the Brahman
breeders has the least thought in
mind that the Zebu will some day re-
place the Angus, Hereford or Short-
horn cattle. It is their aim to work in
harmony with these breed organiza-
tions and to encourage the production
of these breeds, but at the same time
they are trying to prove, and have done
so to their own satisfaction, that there
is more profit to be realized in handling
cross-breeds than there is when feeding
pure strains of cattle. It is recognized
that there is still a lot of work to be
done to interest cattle feeders in the
Middlewest in cross-bred cattle. After
all, that is where a lot of the livestock
feed is produced and if a feeder can
find a type of livestock that will pro-
duce more meat from grains consumed
it is definitely to his advantage.

Smaller Calves. Although the calf of
the Brahman cross-bred heifer is prob-
ably the smallest of any beef breed
these same calves at weaning time will
weigh from 70 to 100 pounds more than
any of the European breeds. That is
the report of any number of ranchers
who have tested the cross. The Brahm-
cross breed heifer produces an in-
creased quantity of milk as well as milk
of much improved quality. The phys-
ical property of the milk is such that
the fat globules are practically homog-
enezd and this increases the surfaces
exposed to the digestive juices by the
hundred fold and increases digestibility.
Furthermore, the cattle will go on in
further feeding and will continue to
maintain this weight advantage over
other breeds. In fact, the cross has
proved very satisfactory in almost
every kind of feeding condition. The
cattle are much better than straight
purebreds on semi-arid land and will
make greater gains. Not only have they
proved to be the superior kind for the
extremely warm part of the country,
but they have also proved out well in
cold climates.

One of the larger herds of Brahman
cattle in California is located in high
country where the weather gets ex-
remely cold. In one period there were
32 straight days when the temperature
averaged 7 degrees below zero with an
extreme of 28 below. There was no
chance to put these cattle, as well as
other breeds, in barns and so they had
At Culdesac, Idaho, members of the tour viewed the good registered Hereford Ranch owned by Merritt Meacham & Sons, saw harvesting of part of the Meacham's 2,500 acre pea crop.

Mountain View Hereford Ranch at Grass Valley, Ore., owned by Fred E. Cox and his son Don, displayed latest addition to herd sire battery, Aldarra Princeps 11th by WHR Princeps 25th.

Center of attraction at Frank P. Feenan's Hereford ranch at Colfax, Wash., was the herd bull AP Royal Princeps 3d, top selling bull at Archie Parkes sale at Vaughn, Mont., last year.

When the tour party called at the Tuttle Hereford Ranch, Prairie City, Ore., main features were high quality show and sale cattle, top breeding stock, and big barbecue for crowd of 300.

Columbia Empire Cattle on Parade

"It's been a wonderful education." That's how a widely known Oregon cattleman summed up his experiences as a member of the Columbia Empire Beef Cattle Tour party which visited some 50 top Northwest herds in a nine-day, 2,000-mile trip sponsored by Western Livestock Journal, June 19-27.

Headed by a chartered Trailways bus, the tour caravan traveled through Washington, Oregon and Idaho, stopping at leading purebred beef cattle ranches between stretches of the scenic, fertile Northwest country.

The final day of the tour was the most successful from the standpoint of attendance, with a crowd of nearly 400 stockmen and their families turning out for the last stop at Prairie City, Ore. Part of the 1949 Columbia Empire tour story is told in the accompanying pictures.
HYBRID VIGOR

—magic words on the Ruby Star

Matt Baird’s Cross-Bred Steers Are Every Color of the Rainbow, But They’re Heavy, Beefy Critters With Uniform Body Conformation

By MATT BAIRD

I t seems to me that to date crossbreeding has been undertaken in the main by two types of experimenters: the scientifically curious and the worried malcontents. All of us cattle breeders would like to think we have scientifically open minds and most of us have too much pride to admit failure. I won’t admit, therefore, which group I belong to, other than to say that I now own and operate a small cattle ranch in southern Arizona, on which cattle known as “Mexicans” have been run successfully for generations. In type, it is similar to so-called “sub-marginal” grazing land which makes up hundreds of thousands of acres of Arizona’s commercial cattle ranches.

I wasn’t satisfied with the “Mexican,” and I was too impatient to wait for the results of upgrading with top Hereford bulls. So I sold the “native” cows and restocked with registered Hereford cows and bulls which could be described as the big, rangy type instead of the pony type.

After nearly a decade, during which my annual rain gauge readings gave me no encouragement to feel that we would soon again return to that ballyhigh grass era we’ve all heard so much about and seen so little of, I became convinced that only about two out of every five of my heifer calves ever matured to the size of their mammaes, in spite of the fact that their daddies had the bluest of blue blood.

Losses Noted. During that same period of time, I also noticed that the debit side of my ledger showed that a good deal of my cowboys’ time was taken up with doctoring for pink eye and that I had more losses through cancer eye and supposed burro weed poisoning than I wanted.

Of course, I wouldn’t admit failure but I must admit that I gave more than scientific attention to those magic words, “hybrid vigor.”

For the past three years, the Ruby Star Ranch has had a strange looking conglomeration of bovines. There is a pasture of top quality registered Brahman cows and an AA Brahman bull whose first heifer offspring were bred this spring to a purebred Angus bull. There is a pasture of registered Angus heifers being bred to a registered Brahman bull; another pasture contains purebred Brahman heifers who are dropping their first calves by a roan Shorthorn bull. Still another pasture contains Braford cows (half Brahman, half Hereford).

Color Assortment. A pasture near headquarters contains the oddest color assortment of all, for in it are the female offspring from three milk cows, Jersey, Guernsey and Holstein, bred back over nearly a decade to Hereford bulls, but now being bred to registered Brahman bulls. But my “menagerie” pasture is that which contains the Ruby Star 1948 heifer calf crop from all pastures. In this pasture there is hybrid vigor at its best and at its “not so good.”

While the cattle in these pastures may provide interest and amusement to the observer, they inspire their owner with more than a ray of hope in a sky otherwise devoid of rain clouds. I am hopeful, so far, that crossbreeding may be good management practice on the Ruby Star. More than that, I will not say. Nothing has yet been proved. If, however, my observations will be accepted as completely unscientific and the humble conjectures of a neophyte in crossbreeding, I would hazard several suggestions.

Crossbreeding is unnecessary where the ranges consist of irrigated pastures, meadowland or a year-around plentiful stand of gramma grass and where insects do not constitute a serious menace.

I find that crossbreeding is more successful between species than between different breeds of the same species. That is, hybrid vigor is more readily observed by crossing the bos indicus (Brahman) with the bos taurus (Hereford, Angus, Shorthorn and milking breeds) than by crossbreeding within the bos taurus species. Ruby Star calves from milk stock mothers and Brahman fathers were invariably heavier at weaning time and as 2-year-olds than were the calves from the same mothers and Hereford bulls.

Cross-Breds Adaptable. On sub-marginal ranges, the cross-bred cow is more adaptable to sparse vegetation,

About the Author

Matt Baird of Ruby Star Ranch, Tucson, Ariz., has his own ideas on Brahman. When Western Live­stock Journal invited Baird, who is secretary-treasurer of the Brahman Breeders Assn. of Arizona, to discuss crossbreeding of beef cattle as a management practice, he came up with some observations gained through three years of experimenta­tion with Brahmans and more than a decade devoted to breeding beef animals.

Baird is a member of that league of cattlemen which believes man may combine with nature in devising a successful means of combating the forces of erosion and drought and still make an honest dollar in the beef cattle business. Or, in his words, “I may be one of those fools who have rushed in where the animal husbandry departments of our state universities fear to tread.”

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DADDY of Brahmins on the Pacific Coast is Wayne H. Fisher, a leading exponent of livestock agriculture through practical beef-making carried on in the Palo Verde Valley where heat conditions at periods of the year long stifled the enterprise of more staid cattlemen.

For 32 years Wayne Fisher has ranched in the Blythe, Calif., district, his place now containing more than 1,000 acres of irrigated pasture. He has diligently and effectively done much experimental work on pasture seeds and soil reclamation. Through field days and close cooperation given 4-H Club and Future Farmer groups, he and his equally active and cooperative wife, have been important factors in spreading better ranching methods as well as purebred beef-making seed.

Prewar travels in India (homeland of the Zebu) and other Asiatic countries, containing 180,000,000 cattle, and research work on Brahmins there and in the United States convinced Wayne Fisher that these cattle would correct many ills and problems plaguing our own cattlemen on desert ranges and irrigated fields. Early in 1943 his first shipment of Brahmins was acquired through Dr. J. K. Northway of the King Ranch in Texas. Other important herds were drawn upon and in December of 1944 he gained recognition of the breed for the first time in a Pacific Coast show, the Great Western Livestock Show held at Los Angeles.

Since that time the LW brand (L for Lucille, his wife, and W for his own first name) has been carried by Fisher Ranch Brahmins throughout California and into Idaho, Washington, Oregon, Arizona, Texas, Montana, Nevada, Utah, Colorado, New Mexico and Iowa. Also to British Columbia, Mexico and Hawaii, as well as Guam, Ponape, Saipan, Yap and Palau.
Brahman Progress—
Growing Popularity Noted in Records
Of American Brahman Breeders Assn.

By HARRY P. GAYDEN
Secretary, American Brahman Breeders Assn.

T he side show curiosity of the past era has become one of the most important food contributors of the United States today. The sight of the great hump-backed "slick haired" animal whose ancestors grazed the lands of India was once the object that sponsored touring vacationers to visit the ranches of South Texas. There they would marvel at the size of the beast, turn in haste to points of safety when a huge docile bull idled over to its owner for an affectionate scratch on his back. Back home they would exhibit snapshots of the Brahman as one of the more unusual objects encountered on their tour.

Today, through the efforts of a handful of pioneering cattlemen and a 25-year-old organized progress plan of the American Brahman Breeders Assn., the Brahman has won a position of prominence among all who are concerned with the livestock industry. Breeders from 42 of the 48 states of the nation have mixed the blood of the Brahman in their herds in order to raise a superior animal for the beef market.

Government experimental stations and university animal husbandry departments have conducted controlled scientific research with these animals; many projects are current. Seventeen foreign nations have sought animals registered with the ABBA in order to get the best available to provide an answer to their beef production problems.

Telling the Story. Yes, the Brahman has "gone places" because the men who helped him prove his worthiness have been eager to tell their stories of progress. And they have told the story so well that the American Brahman Breeders Assn. now lists more than 1,000 members, all of which have dedicated their progressive efforts to improving the apex of perfection an animal which has already proven his superiority.

In February of this year the American Brahman Breeders Assn. celebrated its 25th anniversary at its annual meeting in Houston, Texas. The organization was formed in 1924 by 20 men who had profited through experience by using Brahman cattle on their working ranches. Although no cattle were registered for the first two years of the organization's history, a total of 2,765 head were registered from 1926 to Jan. 27, 1934. As compared to these eight years it is significant to note that the state of Florida alone in the first five months of this year has nearly equaled that registration number. The pyramiding interest in ABBA registered Brahman cattle has brought the overall registration listing in excess of 100,000 animals.

In a survey prepared by the A. & M. College of Texas on all types of beef cattle registrations, it was found that the registrations of Brahman cattle amounted to a 41% increase in 1947 as compared to those of 1946. This percentage nearly doubled that of the second highest listed which was an increase of 24% in polled beef type Shorthorns.

Steady Increase. A statement relative to Brahman registrations prepared by A. & M. College for the ABBA states the following: "It is evident that the number of registered cattle has been increasing steadily since the formation of the association. There has been a tendency to register a larger number of males in proportion to females since March 13, 1939. Up until that time males made up a maximum of 30% of total registration and averaged 24%. In the calendar year 1939, male registrations increased to 42% of the total number registered reaching a peak of 48% in 1945 and 1946 and averaged 45% for the period from 1939 through 1946 inclusive. Only once, in 1942, did the number of males registered drop below 42% of the total. In that year, the figure dropped to 32%; however, this was still 2% above the highest figure reached prior to 1939.

"The general increase in numbers of Brahman cattle registered indicates a strong surge of popularity, especially since 1939. This at least partly explains the greater number of bulls registered also, since any time a breed is popular, the demand for bulls is great, thus encouraging many which they otherwise might market as steers."

Increases in registrations alone do not necessarily show the widespread and increased popularity of a breed. Increase in membership, which has already been pointed out, and transfers reached at the ABBA office, do. In the first five months of this year, 116 new members have been added to the active membership roster. Transfers for this same period of time number 5,856. The new members alone represent 12 states and 3 foreign nations.

From nearly every continent in the world come inquiries to the ABBA office seeking information from an authoritative source. And, in answer, thousands of articles concerning the association itself, history of Brahman cattle, crossbreeding experiment results, and other pertinent data are dispatched promptly.

Hybrid Vigor. It is believed that

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YOUTHFUL BRAHMAN BREEDER—Guy Morrell, 4-H Club boy of Fremont, Utah, who is starting a purebred Brahman herd, recently teamed up with his father, Alton Morrell, to buy three registered heifers and eight registered bulls from S. Paul Cornelius, Coleville, Calif. Bull pictured is Mountain Pinkey, a Tippu-bred bull in the purchase.
Outstanding for Quality and for Uniformity Year after Year

Above: "R. J." HEREFORD ROYAL, 1948, KANSAS CITY, MO. Class for Best 10 Head Herefords—34 groups competing—won by MILKY WAY HEREFORD RANCH for the 3rd consecutive year—1946 — 1947 — 1948 ★★★ This kind of blood will help your herd.

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MILKY WAY HEREFORDS

PHOENIX, ARIZONA
Brahman Beef

Meat Production Value of Zebu Strains
Gains Increasing Wide Recognition

By ROY G. MARTIN
Secretary, Pan American Zebu Asn.

FOR the past two decades, the potent and productive blood of once sacred Indian cattle has been banking up in the South and West. Unnoticed, but not without controlled planning and breeding, Zebu strains of the Bos Indicus have been infused into hundreds of thousands of U. S. cattle. Initially, little thought was given the beef producing potential of these strange humped back animals; today, stockmen from Florida to the great Northwest, and from California to about the beef producing potential of these virgors, amazing productiveness, and that carries with it an abundance of vigor of the Zebu cattle is attracting even the most cautious and skeptical of cattlemen. On the parched desert ranges of the West, on the snow covered slopes of the Far North, and on the semi-tropical coastal plains, the advantages of the Zebu cattle are being realized under all the realistic conditions of range production. For long years the average U. S. cattlemen has known the Brahman as a monstrosity of the rodeo arena. Seldom has he appraised him for more than this. Today, however, as he sees them roam on the neighbor's range, he wonders. Why are their calves ready earlier? Why do they weigh so much more? Why are those Brahman kind of cattle always in better shape regardless of conditions? These facts would not be so hard to take, if they were mere contentions—but what he sees is happening in his own back yard, where he sees it first hand.

Yes, present day cattlemen, whether they be stock farming only a few acres or grazing hundreds of sections, are rapidly focusing their interest on the beef producing ability of Zebu cattle. Some of our most farsighted beef producers are already anticipating the great economic effect Zebus are destined to have upon the beef industry. Think in terms of only 50 or 60 lb. more weight on every calf to be slaughtered during the coming year, and you will visualize trainloads of extra beef. Such an economic factor seems preposterous in most of our minds; however, hybridization in animals results in added yields, as it does with plants such as corn.

Offsetting the Defects. Many ranchers are slow to appreciate the awkward shape of the Zebu, while some think his temperament is such that he can never be adapted to normal conditions of beef production. It is true that he lacks the refinement of U. S. show ring cattle; however, his added weight, extra dressing percentage, and his high percentage of meat to bone more than offset the minor defects of conformation.

The heaviness of his bone structure necessitates that he stands tall in stature. A Zebu is not characteristically short-legged. On the contrary his height and massive frame give him flesh carrying capacity. Strong, straight legs, from the pasterns up, are desirable on the Zebu, for his legs are related to his ability to rustle and thrive on ranges where other cattle barely exist.

Brahman or Zebu cattle are instinctively gentle natured animals when properly handled. For centuries, in India, they have taken place alongside man and provided him with milk, draft power, and meat. People with Zebu herds are often amazed at their intelligence, and the ease by which they can be managed. Brahman herdsmen relate the alert temperament of the animals to their natural and unpanpered survival, and realize that their alertness adds to the ease of handling if properly respected.
The August
Page

BRAHMANS
The BEEF TYPE

and

BRAHMAN CROSSBREDS
For Hybrid Vigor and Thriftiness

You are welcome to see these cattle on our ranch in Tehachapi Basin.

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Breeder of
REGISTERED
BRAHMANS

"DO YOU FAVOR SECRETARY OF AGRICULTURE BRANNAN’S PROPOSED CASH SUBSIDY FARM PROGRAM?"

O. D. Hotchkiss, president, Oregon Cattlemen’s Assn.: “The Brannan plan is essentially a support program, the details of which have not been worked out yet. I do not see how we can have such a program without regimentation of our operations. Regimentation can mean only one thing and that is the planning of our businesses and operations by government. We are rapidly coming to believe in the necessity of insurance against everything. Is this wise? “If we have made notable progress in the years past it is because our only security has been in our ingenuity, energy and spirit. If we in this country ever lose the thing we call freedom it will be because personal dependence is easy, just as independence is hard. We will lose it when dependence is made so attractive that few can resist it, when we say take our independence and give us in exchange security, a security which in the end may be false. Don’t think that this exchange isn’t taking place in our country now. Let the government continue to assist the crippled, the aged, the weak, and the helpless but let it cease making concessions to groups able and capable of helping themselves. “We will undoubtedly help pay for the benefits to other commodities but unless someone holds the line and starts the trend in the other direction we will all be eating out of the hand of the government and more and more become its slaves instead of owning and operating our own businesses as free men.”

Raymond Rodgers, Challis, Idaho: “I am definitely opposed to the Brannan Farm plan, both in part and in entirety. “Secretary Brannan himself has reportedly stated he has no idea what the program would cost, but stockmen feel the cost would be enormous. All of which means increased taxation and increased spending—just at a time when the nation’s economy calls for the converse. “A program of this nature would unquestionably endanger the right of free enterprise which members of the stock industry so highly prize. Like governmental spending, many think we are oversupplied with regimentation already. “It appears that the program could cause grave hardship to the stock industry should it be enacted to the exclusion of this one industry.”

Helen Gahagan Douglas, U. S. Congresswoman from California: “I favor the Brannan farm program. It would give farmers and ranchers more encouragement than would any previous legislation to produce the livestock products that consumers want. It would give consumers a better chance to buy what the farmer and rancher produce. “Increased consumption of livestock products is essential in preventing grain surpluses, maintaining or increasing farm income, conserving the soil, and improving the national diet. The production payment method of supporting farm returns from livestock marketing is one of the major features of the Brannan plan. It is the only known method which gives the consumer a break at the same time that it aids the producer. It allows the market price of the commodity to seek its own supply and demand level, which is fair to the consumer, and assures the producer a return at which he can afford to maintain high production. “The Brannan plan is the answer long sought by many of us who are equally devoted to the interests of both producer and consumer.”

C. W. Hunter, Los Angeles, Calif.: “Well, I am an old grain man, also a cattle rancher and we raise a few hogs. If the subsidy provides that a farmer raises hogs and sells at a loss, and then is repaid the loss, then what

The August Question

“What can be done to make your state fair of greater value to you.”

Send your answer along with a photograph of yourself to “Question of the Month.” Please limit answers to not more than 300 words.
Yes, we have both Reds and Silver Greys in Registered Zebu (Pure Blood Brahman) Cattle for cross breeding or building up your Purebred herd. All Cattle registered in Pan American Zebu Association and American Brahman Breeders Association.

Yearling Cattle For Sale Now.
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THE CATTLE IN
THE WORLD HAVE
BRAHMAN BLOOD!

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wherever Brahms have been introduced into a land, they have consistently improved the quality
of the cattle in that area. The answer is "heterosis", or hybrid-vigor, a quality imparted only through
the crossbreeding of distant breeds of the same specie. A quality which means rapid growth, in­
crease in pounds, stamina and high resistance to insects and disease.

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is he going to do? He is going to raise as many hogs as possible, flood the market, entirely indifferent to selling price. Then, with five cent hogs, cattle prices would at once drop to near that price.

"Class legislation, I calls it," and I would favor going to law to prevent it. Should I decide to raise hogs, I would sell them to a close friend, at a price fairly close to the market, and this friend would make easy money by reselling which he could easily do inasmuch as he had bought them right. Having no interest in net returns, the hog raiser would pay excessive hauling and marketing charges of all kinds and be fully reimbursed by Uncle Sam.

"The net result of the plan would be: 1) Great loss to cattle raisers; 2) Great expense to Uncle Sam; 3) A very dangerous experiment."

"Mr. Brannan wants to 'experiment.' Well, this is 'no time to experiment'—'no time to Rock the Boat.' If an experiment is made, why not do it in just one hog state—not the biggest. I suggest Oklahoma or Minnesota or Indiana.

"In conclusion, I only carry 125 cows, but will join any bunch of cattlemen to fight legally this plan, and start the subscription with a one hundred dollar bill. My idea of fighting it would be to test its legality at the time it becomes a law."

HARRY P. CAIN, U.S. Senator from Washington: "The points in the 'new' Truman farm program, as outlined by Secretary of Agriculture Brannan, and which go far beyond the provisions of the 1948 law are enough to startle any farmer. "Secretary Brannan seeks attainment of the overall objectives by the exercise of greater Federal power over the nation's farms and resorts to huge subsidy payments out of the Treasury. "The Secretary would require that each farmer adopt 'minimum and sound soil conservation practices' to be eligible for price support. The farmer could operate his enterprise only in accordance with a plan approved by Federal officials. To carry out the approved plan, he would also have to spend part of his guaranteed income as Federal officials directed. "Secretary Brannan would place a $20,000 cut-off on price supports. The supports would not apply to commodities produced in excess of that amount. "The Secretary's program provides for what amounts to 100% of parity July 15, 1949
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1870 pounds at five years of age

RICERCATO MANSO
2060 pounds at 3½ years of age

WE BREED 'EM FOR BEEF
and Along With Conformation and Type
We Are
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IF YOU WERE ON OUR RANCH RIGHT NOW WE WOULD SHOW YOU:

- Hundreds of purebred cows that weigh from 1100 to 1400 pounds each ON GRASS.
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Whether you are using Brahmons in crossbreeding or in a purebred herd, to avoid disappointment later, USE THE RIGHT KIND
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J. D. HUDGINS
"Beef-Type Brahmons"

HUNGERFORD
(Wharton County)
TEXAS
support for 10 major commodities, regardless of the levels of supply of those commodities. High rigid support prices could be sustained only by the expenditure of billions of dollars of taxpayers’ money.

“In connection with the Administration’s latest proposal for a planned and controlled agriculture, I want to point out to my constituents in Washington State a little known, but potentially dangerous bill, known as the Spence Bill, or H.R. 2756, providing for broader controls in the entire economy. This bill coupled with the new farm proposals, makes a pattern of government control which should be carefully studied before consideration is given to them: I oppose both of them generally on principle.”

VICTOR LUND, Pleasanton, Calif.: “I certainly do not favor Secretary Brannan’s proposed cash subsidy farm program. I believe that we should come down to earth as regards a good many of these Government programs.

“Take to me, the mere fact that we have had to submit to one farm program after another, over the last 16 years, indicates that the powers that be in Washington are continually guessing about farm problems.

“I am one of those who thinks that the U. S. Government, as large as it has become, is not near strong enough to overcome the natural law of supply and demand.

“Take the proposed acreage allotment on wheat for 1950, for example. Every acre that is not planted to wheat will be planted to some other crop, thereby creating an unfavorable condition on the market for those crops.

“As to the secretary’s new farm subsidy program, will it not increase the cost of administration a very great deal? I believe that it would cause the employment of some thousands of additional people on the Federal payroll, more office furniture and supplies. This would run up the cost to a large degree. What we need is to lower Government spending, not increase it.”

GLEN TAYLOR, U.S. Senator from Idaho: “Any sound means of encouraging livestock production and consumption is important to better nutrition and to soil conservation in this country. That is why I am in favor of the price support proposals which Secretary of Agriculture Brannan has made. His proposals would encourage livestock production and soil conservation as well as protecting farm purchasing power, which would help to prevent the recurrence of depressions.

“We know from our experience in the war and the postwar period that people want and will eat more meat, milk, and eggs when they have good incomes.

“We know from past experience that the grassland farming that goes with livestock production is conservation farming.

“We know that when we consume a lot of livestock products we enlarge the market for grain which now threatens to accumulate in surplus quantities.

“We can apply all this knowledge to a sensible price support system which

To the Beef Producers of the West

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BLYTHE WAYNE H. FISHER RANCHES CALIF. July 15, 1949
Mile Hi Brahmans in the snow and 12° below zero at Coleville, Calif.

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See Our Brahmans Before You Buy

CORNELIUS
75 Miles South of
First cross Brahman-Hereford weaner heifers pictured in January

"Highland Quinca"
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Mountain raised Grandsons of Quinca The Great and Tippu The Great like the two young Bulls pictured here are available at our ranch at this time.

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This WEBB bull may be seen at the Cornelius Ranch, Coleville, Calif.

★ For Sale: Halter broke, gentle WEBB bulls—the very best in breeding stock—at the Cornelius Ranch, Coleville, California.

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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,

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Will protect the farmer’s income and at the same time give the consumer the benefit of abundance.

“...When we have more meat, or milk, or eggs than consumers can buy at support prices we can let the price seek the regular supply and demand level, as Secretary Brannan suggests. When we have a surplus why shouldn’t we have a bargain for consumers. Then we can make up the difference to farmers on these perishable products, and in that way protect farm purchasing power which is essential to all of us.”

Hybrid Vigor

Continued From Page 39

longer distances to water and is more resistant to insects and disease than the purebred, be she purebred Hereford or Brahman. I’ve had no cases of pink eye with cross-breds on the Ruby Star. And the cross-bred weaner calf is a harder, faster maturing animal than the purebred calf. My cross-bred calves are heavier and show more bloom than the purebred Brahman calves.

Until the cattle buyer makes his decision by feeling with his hands instead of using his eyes, he will be tempted to discriminate against the Brahman-Hereford cross-bred steers. Our steers are heavy, beefy critters—but they’re every color in the rainbow!

By the same token, the cross-bred steer from Brahman and Angus parents is almost always uniformly black in color, about 75% of the time is a natural muley and is uniform in beef type body conformation.

Selection is of vital importance in crossbreeding. Don’t expect a miracle from the crossing of inferior Hereford cows and inferior Brahman bulls. If selection of the right type of Brahman sire is used, there is little reason to fear that his cross-bred calves will be wild or mean.

Use Best Bulls. It is advisable to use the very best purebred bulls you can buy on your cross-bred cows. King Ranch, Tom Lasater, Clear Creek Ranch and some others are breeding cross-bred bulls to cross-bred cows with success, but they’ve been at it a long time and they know the bloodlines of their cross-bred bulls for many generations.

Environmental factors affect cross-breds just as they do purebreds. If you’ve been supplemental feeding your purebreds, your cross-breds will respond to the same treatment.

Not all buyers and packers are yet educated to the slaughter value of cross-bred steers, but West Coast packers have had more experience with them than Midwest packers and they realize that there is a whole of a difference between good quality cross-bred steers and poor quality cross-breds.

These suggestions may be taken for what they are worth. Perhaps in 15 or 20 years I’ll be able to offer something more of value.
Buckaroos—
Idaho Women Boost Brahms for Beef

HIGH in the hills above Sweet, Idaho, two women are doing the work of a half dozen men and are raising registered Brahms as gentle and playful as kittens. The only male animal on the V Bar M Ranch, co-owned by Velma Goddard and Maxine Miller, are a pet coyote named Lobo and three Brahman bulls. The feminine buckaroos have realized a lifelong ambition in becoming ranch owners, and they're pinning their hopes to their registered Brahms, the breed which they predict will improve beef cattle throughout the Northwest. V Bar M now has eight head of the purebreds and the owners spend their weekends playing and singing in a Western dance band to get more money to buy more Brahms.

Both women are products of the range, Velma being reared on a Nevada ranch and Maxine inheriting her wrangling abilities from her father, Cleve Miller, who started chasing wild horses over Squaw Butte at the age of 15.

Pool Resources. The two pooled their resources in 1941 to buy a small place near Sweet. But they wanted something larger and went out to get the capital. They began by riding a cattle drive into Bear Valley in 1942 and a year later operated the White Hawk lookout station overlooking Bear Valley. They've also been seasonal operators of a checking station for the state game department. When

Maxine Miller, Brahman enthusiast and co-owner of the V Bar M Ranch, Sweet, Idaho, poses with Mountain Lad, 2-year-old registered Brahman bull, king of the ranch herd.

To Cattlemen in all sections of the West
FISHER RANCH PRESENTS UNIVERSAL BRAHMAN CATTLE

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Bulls, heifers, or Cows with Calves at their sides are available for shipment anywhere

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July 15, 1949
Smooth rumps, broad backs, deep twist, and low flanks will make "Tails Win" in any beef market.

Those beef points plus quality and breed characteristics are what we have been breeding for in our HT-Brahmans.

Our bulls and heifers have proven in the Show Rings that they carry the "Tail Ends" that will win in a beef market.

Come and see our bulls and females for sale.

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ZEBU-BRAHMAN CATTLE

See Our Calves Before You Buy

Registered Brahmans, Brahman-Hereford Cross, Brahman-Shorthorn Cross


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BREEDERS OF REGISTERED AND CROSS-BRED ZEBU-BRAHMAN CATTLE

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I have previously published some of the stories by G. E. Lemmon, famous pioneer cowman and cattle buyer, who is known all over the West, so here follow two more of his interesting stories, like he wrote them for the newspaper in Belle Fourche, S. D.

***

Miss Wilkins and Bear Hillside, Arizona

In 1919 I bought and received and shipped 4,200 cattle from Arizona and Texas, mostly from near Prescott, about the wildest mountain region imaginable, and the residents were of the same nature.

I bought several hundred from one John Neal, a married man with one child, a boy of 10 years. But when he was only two, Mrs. Neal and the hired girl, Miss Wilkins, had planned a visit to the round-up which, according to schedule, should have been camped at a spring about 18 miles from the home ranch. The two-year-old boy they took turns carrying in front of them, both riding astride as all females now do. They were about all in on arrival at the designated spring camp ground to find a note advising them that the round-up was 12 miles farther on.

So they picketed their horses and bedded down and were just dozing off when a bear came sniffing around and stampeded Mrs. Neal's horse and he broke for home dragging the picket rope. Miss Wilkins took time only to jerk on schaps, bare-footed and in scant undergarments and after the stampeded horse which was following a meandering cow trail through the brush and cactus and over a narrow ridge. And she expressed it, she just had to catch that horse for her horse could not carry the three of them. And after a two-mile reckless chase she did get an opening in which she dashed up and picked up the long dragging rope that she had to watch to avoid stepping on and being thrown.

Later when I viewed the route twisting through brush and cactus it was unbelievable, but she did it just the same. She was at times a rodeo rider of the best and a swell looking girl of 18 or 20 with the resources of the range raised. Miss Wilkins' boy friend was a brother to John Neal and I always told him he wasn't good enough for her although he was one of those known as the Lost Battalion in the World War, and still one of the 18 still farther segregated and a No. 1 cowman. I suppose they eventually married, and God bless them.

***

The Neal boy when 10 years old was determined to rope a maverick which he did in a corral; and the punchers thought nothing of roping wildcats, lynx, bobcats and even small black bears. I found them all good head ropers but not one good heel

BRANGUS . . . the BIG BLACKS that BRING TOPS on the BEEF market!

- BRANGUS are bred exclusively for the commercial production of beef. They are bred for bone, stature, the right beef conformation, uniform black color, gentle dispositions, feeding-fleshing quality and natural rustling instinct when on pasture.

- IMMEDIATE DELIVERY—ONE LOAD CHOICE QUARTER BRED BULLS READY FOR SERVICE THIS FALL. IDEAL FOR FALL BREEDING OF YEARLING HEIFERS OR COWS. PRICED AT $300 PER HEAD F.O.B. THE RANCH.

- VISITORS ARE ALWAYS WELCOME!

If you sell Beef - it will pay you to buy Brangus - The CLEAR CREEK Kind!
roper as they always headed them first and they seemed to think they couldn't heel rope them first. But I one day when they had a large branding heel roped about 20 just to show them it could be done. But as I roped 20 without a miss I quit while my rep was good. I never was considered a first class heel roper although I once roped 180 in 180 minutes and dragged them an average of 150 feet.

In substantiating the 150 feet will draw attention to the fact that there were 200 cows with calves in the round-up, 20 of the calves having been roped by John Ivy, our Texas boss, leaving 180 for me. And 200 cows with calves in compact formation would be at least 200 feet across and many of the last of the calves were naturally near the backside.

However, there were many better heelers than I, among them Shock Hall, Orlan Holcomb, Marvil Coy, Sam and Sol Scheffield and George Jackson of Bad River whom I practically learned from. And I could name practically dozens more. Bill Clanton of the Laurel Leaf; for example.

The Coolest Lot I Ever Knew

In a very much earlier issue of the Bee, there appeared an article of this title which I will now enlarge on by materially adding at least one other name, viz. Archie Riordan, late of Hot Springs, S. D., who held forth in Valentine, Neb., at the same period as the first mentioned lot, viz. Jim Dahlman, Maut Eberley, Tom Allen, Lank and Johnny Key, Jess Donaldson, Johnny Smith and Billie Carter, all of whom were practically participants in the killing of Hamlin in the outskirts of Valentine in 1882, which came about as follows:

Hamlin was the Wyoming stock inspector at Valentine during shipping season and had married a Valentine girl, Billie Carter and one of the others marrying sisters. And it developed Hamlin had been chastising his wife, the sister of the others, to which the consolidated crowd, all Texans, took exception and concluded to at least run Hamlin out of the country. He (Hamlin) at the time of this decision was out in the middle of the flat to the southwest of the city and he seemed to suspicion what their intent was and started to make a run for it, when they split and in a manner surrounded him. And he with six-shooter and saddle gun opened up on them when they showered him from all directions and downed him. It seemed Johnny Smith had no particular ties to the region so he in a manner took the blame and absconded for parts unknown. And as far as I know was never again heard of in that region. The rest were all finally arrested but came clear as there were no eye witnesses excepting themselves, besides Hamlin was not popular in the region.

In a former article on the Bee I quoted several absconders from

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PAN AMERICAN ZEBU ASSN.
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INDU-BRAZIL TYPE ZEBU CATTLE

The unusual vigor, the stamina, the rustling ability, and the rapid maturity of purebred Zebu cattle, combined with their massive scale and exceptional weight, makes them an ideal unit for efficient beef production.

Zebu crossbred cattle yield a higher dressing percentage than any of our beef breeds, produce an excellent quality of meat, and yield a greater percentage of meat to bone. A Zebu type carcass cuts out a greater percentage of hindquarter meat.

The Indu-Brazil type Zebu, developed from the fusion of Indian Gyr and Guzerath blood, is the most efficient beef producing animal of the Indian breeds established in America.

Western Livestock Journal

Weekly and Monthly Publications

Only $3.00 a Year — $5.00 for 2 Years
I wish to thank our many friends and satisfied customers in all the western states for their patronage and friendly visits and for the great many gratifying compliments on the high quality of our cattle. Remember, friends, you never make a mistake by buying quality. Any cowman, regardless of breed preference, will agree that the payoff will only come when herd bulls of the highest quality are used. All that you get from mediocre quality and cheap bulls is a sad disappointment and possibly breed condemnation.

So, friends, if you are interested in Brahman cattle and really want quality, come and visit us and see our cattle.

A few choice bull calves and yearling heifers for sale this fall.

“The place where quality is paramount”

MEADOW LARK BRAHMANS

We have a selected number of commercial and registered calves which we are offering for sale from our 1949 calf crop.

Herd headed by Ciro Manso and King Cal, with the females carrying Maroto, Double Dutch, Manso and Tippu breeding. Some of our younger Brahmans are sired by Sam Jones and Tippu Du.

137 separate classified advertisements were carried in “The Market Place” of the last issue of the Weekly Livestock Journal Newspaper.

BRAHMANS ON THE MARCH

Continued From Page 37

to stay out with little other than feed and wind breaks. There was no loss whatever and the cattle came through in a little better flesh than other breeds. This rancher has sold some cattle to the north and they have all done exceptionally well.

Profit and Loss. Some of the more northern cattle feeders have argued that if the range conditions and weather conditions are good enough for English breeds why should one use Brahmans? The answer to this question is that with the hybrid vigor of Brahmans you will realize 100 pounds more beef per animal and this difference in weight can often times spell the difference between profit and loss.

Brahman and Brahman type cattle have often been condemned because of their apparent nervousness and the fact that they are hard to handle. Breeders and feeders disagree with these statements. The cattle are a little different to handle than other beef breeds, and they are classified as being very intelligent and alert. Whereas it takes a certain amount of rough handling to move some cattle of other breeds, Brahmans can often be led. Quick actions and excessive noises should be avoided and the stock handled somewhat in the same manner as horses. Some of the Southern type breed of Brahmans are rather flighty, but a great deal of this has been reduced through breeding and further gains are being made every year.

This story isn’t written with the thought in mind that all questions that have ever come up about Brahman or Brahman type cattle were to be discussed. Instead, I have touched on some points that came to my mind when I first realized how extensively they were being promoted as the type of cattle that are the best money makers for cattlemen in any and all parts of the country. The cattle have proved themselves well in the Southern states and also in the West and have done exceptionally well in semi-arid areas. They are known to be good doers where feed is at a minimum.

Dairy Program. In reality, the Brahman cattle have only been seriously considered during the last 25 years and while there has been a lot of progress within the breed in improving types of both beef and dairy animals in that time, it is felt that great things will be uncovered in breeding tests of the future. One program that is in progress now is of prime interest to dairymen of the warm South. Attempts are being made now to produce a dairy animal of a Brahman cross that will prove superior to the present day dairy types that are most satisfactory in the more temperate climate. It may also be that some day the resulting hybrid vigor will be of such importance that the re-
suiting cattle will also make a name in the North.

There is still a lot of promotion work to be done and one aim of the beef breeders is to interest Middlewestern feeders in the advantages of breeding and feeding the cross-bred cattle. There are some leaders of the breed who are still uncertain whether to use the name of Brahma or Brahman, but regardless of what they are called they like them for what they do. Color markings are without definition. A high quality pure-bred Brahman may run all the way from a gray white to a deep red and still the two extremes will produce the same high quality animal.

But regardless of what they look like, it appears that the odds are in favor of further progress. Thank goodness my education is still in progress, and if you study a subject long enough you get to like it. For my part I wish the darn things were all a beautiful green to distinguish them as a type. After all, when I heard beef cattle most of my life it meant black for Angus, white face for Hereford, and generally a soft mixed color for Shorthorn.

Texas Breeder Likes Far West Brahmans

"You Far Western breeders now have some of the best Brahmans in the nation," said Afton Burke of Burke Bros., Corsicana, Texas, at Coleville, Calif., last month. The famed Brahman breeder, and Mrs. Burke, were special guests of S. Paul Cornelius of Cornelius Livestock Co. during a meeting of the directors of the Great Western Brahman Breeders Assn. at Cornelius' Bellview Ranch. Members of the association, and visitors, were also luncheon and dinner guests of Cornelius.

Burke went on to say that United States breeders now have little to gain by further importations of Brahmans from India or other countries, as the advances in beef type in this nation have been so pronounced that our own breeders probably have the best Brahman beef-makers now existing.

He was enthusiastic over development of the breed on the Pacific Coast, expecting it in much of this area to parallel the development and spread which has occurred in Texas and other southern states.

Burke and his brother were formerly registered Hereford breeders but became interested in crossbreeding and then developed a straight Brahman herd, using bulls from it on many of their purebred Hereford cows, with outstanding results.

Feed is the largest single item of expense in New Mexico cattle ranch operation, accounting for 34.3% of all operating money according to a New Mexico A & M College study. Hired labor takes 15.3%, lease fees 10.5%, taxes, trucks, repairs and miscellaneous 32%.

---

SUPERMAN
Charbra bull 36 months old, 2400 lb.

AFTER having crossed the Hereford, Angus, Shorthorn and CHAROLLAIS with the Brahman we now know the CHAROLLAIS-BRAHMAN is the best cross for this and similar climates. They combine the fine qualities of both breeds.

OUR CHARBRA cattle carry 3/8 Brahman and 5/8 Charollais blood; the result an animal that has

NO PINKEYE—NO CANCER EYE
MORE SIZE FOR AGE—FATTEN AT ANY AGE
HIGHEST QUALITY MEAT
HIGHEST DRESSING PERCENTAGE
STAND HOT WEATHER BETTER
ARE GOOD BREEDERS
COWS GOOD MILKERS

Increase the size of your cattle by using CHARBRA bulls

HAROLD W. HUNT RANCH & SONS
El Centro, Calif.

Over 25,000 buyers see your classified advertisement in the "Market Place" of the Weekly Livestock Journal Newspaper.
Brahman Breeders’ Association of Arizona

Serving the interests of Brahman breeders and of other cattle-men throughout the Southwest, who may be in the market for desert or mountain range registered and crossbred Brahman cattle. Write the Secretary for information regarding the breed and about cattle available.

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Offering for sale

MY ENTIRE HERD OF  
BRAHMAN CATTLE  
(both registered and commercial)

Brahman Cows and Heifers

25 ... Registered Heifers, 2 years old.
20 ... Registered Large Type Cows.
25 ... Heifers, 2-year-olds and Yearlings, by registered bulls.
20 ... Commercial Cows.
7 ... Yearling and 2-year-old Bulls.

ONE THREE-YEAR-OLD HERD BULL, TOP SON OF KING QUINCA.

In Lots To Suit or Entire Group

Some of the above have calves by side, others to calve. Balance bred or being bred to Herd Bull. Cattle shown by appointment.

Avon Davis  
Route 1, Box 270  
Madera, Cal.

WHEN YOU THINK OF CULTIVATION  
THINK OF HAYMAN’S DEPENDABLE IMPLEMENTS  
AND SEE YOUR B. HAYMAN DEALER

B. HAYMAN CO., INC.  
Since 1876  
3301 Leoniis BLVD., LOS ANGELES 54, CAL.  
Telephone: Kimball 2288

Hereford Breeder Buys Brahman Bulls

Many a cowman’s eyebrows went up last month when the news spread that Clifton B. Robertson, owner of famed Robertson Hereford Ranch, Saratoga, Wyo., had bought a set of 12 Brahman bulls, for crossbreeding, from Cornelius Livestock Co., Coleville, Calif. Top bull of the group cost Robertson $5,000. The bulls were of Maroto Tippu, Double Dutch and Mans.

The Wyoming ranch owner will use the bulls not so strongly on his famed commercial Hereford cow herd during the present season, but will test them there and work them most of the season in a new and neighboring herd which he just bought. The heifer offspring is his goal—to gain high quality Brahman-Hereford cross-bred females for breeding use on his extensive ranch north of Barstow, Calif., in somewhat desert country where the straight breeds have not done so well.

Says Robertson: “High quality cross-bred Brahman are extremely difficult to find and buy,” so I am going to experiment with production of them in Wyoming for my California ranch—using top Brahman bulls on top Hereford cows. In the meantime, I am in no sense dropping my production of highest quality Hereford feeder cattle. I still have many important Wyoming Hereford Ranch bulls in service and have recently added five additional outstanding Hereford bulls from the J. A. Schoen & Sons herd at Lenora, Kan.”

BRAHMAN PROGRESS  
(Continued From Page 41)

with the further education of cattle-men on the subject of hybrid vigor that the Brahman will enjoy even wider spread and more concentrated attention. Already more than half the cattle of the world have some Brahman blood.

And it is an established fact that wherever Brahman have been crossed with native cattle they have improved the cattle native to those lands.

Meanwhile the American Brahman Breeders’ Assn. will continue its work in breed improvement. A committee has been set up whose purpose it is to study the ways and means of improving the Brahman animal. It is the aim and object of the committee to gather together the experiences of the practical ranchers in the raising of Brahman cattle. Through the assimilation of these ranch experiences coupled with the advice and thinking of the outstanding genetic authorities it is hoped that a guide may be established which will lead both old and new breeders of Brahman cattle toward a goal of even greater beef production.
A major risk involved in cattle ranching in Paradise Valley, located in north central Nevada and long noted as a producer of beef, is the production of sufficient hay reserves for winter feeding.

Planning by the local Soil Conservation District is keyed to remove as much of this risk as possible by encouraging and assisting in the establishment of sound cropping and irrigation practices. The haylands are in need of practices that will replace the soil fertility removed by 60 to 80 years of depletion. The irrigation systems are much the same today as they were when the first water was applied and need remodeling along conservation lines. Many of the alfalfa fields were cut continuously for hay for long periods of time, the old stands gradually sapping the soil of its fertility as they increased in age.

J. M. Freeman is one rancher who had some of the old stands, which consisted of scattered alfalfa and cheat grass. His field averaged one ton or less per acre, the land was rough and irregular and irrigation was by furrows spaced six feet apart and 1,200 feet long.

Rotation Plan. In a cooperative agreement with the Paradise Valley Soil Conservation District in 1946, Freeman agreed to plow up his field and follow a rotation of crops. The rotation planned was two years of grain followed by six years of alfalfa and smooth brome grass. The changing of crops helps to maintain a healthy balance of plant nutrients and organic matter in the soil. Alfalfa adds nitrogen and the brome grass, through decaying roots, supplies much organic matter. In addition to meeting fertility requirements of the soil, Freeman plans to plow under the last cutting the sixth alfalfa year for green manure and apply 750 lb. of triple superphosphate during the eight-year period.

The grain period of the rotation is the time to prepare the land for the most efficient possible irrigation system. This means either smoothing the land to remove high spots and to fill low ones or leveling to grade. Water resources are at a premium and it is necessary that they be used economically. Efficient irrigation means placing the correct amount of water into the soil and no more. Over irrigation results in water waste and a loss of plant foods.

Wasteful System. The irrigation systems on the ranches in Paradise Valley were installed largely in the 1860's and 70's. The ditches were placed on ridges and the water allowed to flood down the slope. The result is that low

Mark your calendar now to attend the

San Joaquin Valley Hereford Breeders' Auction

PORTERVILLE, CALIF., SEPT. 9

At the Porterville Sale Pavilion

Selling

100 HORNE D & POLLED BULLS & FEMALES

An auction of bulls and females consigned by leading western breeders. Presented in the ages and development desired by practical buyers, breeders, rangemen and farmers.

This is an open sale! Consignments invited from registered Hereford breeders.

For further details on the offering or on making consignments, contact ED WEBB, Lindsay, Calif., or S. E. WALTERS, Stratford, Calif.
We have sold our Granby ranches and are dispersing at auction the Fulscher Herefords carried thereon. As you know, for many years we have maintained Fulscher Herefords at Holyoke and on the mountain ranches at Granby. This is a sale only of the Granby end of the cattle, which, however, includes a high percentage of our foremost producers and of our young show stock and breeding prospects.

**DISPERSION of the FULSCHER**

**SEPT. 13 GRANBY, COLO.**

**200 HEAD**

For catalog and additional details contact—

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100 sons and daughters of BACA ELATION

Breeder are pretty well agreed that Baca Elation is one of the most progressive young Hereford sires. This dispersion is filled with his blood and service. Many of the younger replacement females are his daughters. Others are in the show calves and among the hard bull prospects selling. Son of WHR Elatron 52d and out of a daughter of OJR Royal Domino 10th, is it any wonder that his offspring, out of our top cows, stand out for type, quality and flushing ability? You'll have every right to feel proud of taking a set of Baca Elation's home from this dispersion.

**SELLING**

25 show calves—on nurse cows

A rare opportunity! Show, sale and breeding prospects in the pink of development for your successful carrying on. Sired by Baca Elation and F. Baca Elatron 1st.

Otto Fulscher, Holyoke, Colo.

**SELLING**

88 foundation cows

Fulscher females have been the foundation for herd successes through the United States. Here is some of the cream of a lifetime of Hereford production—88 cows that have been the basis for the production performances of cattle from this ranch. Deep, roomy cows that you can expect tolick well with your bulls. ALSO SELLING 31 yearling heifers, tops from our 1948 production.

**SELLING**

7 show bulls—sire prospects

Young bulls that we normally would have carried on for showing and selling at the big National Western Stock Show in Denver next January. You'll like them and they can well be the answer to your herd bull buying problem.

The Fulscher & Kepler dispersions in the early 1930s and our hard red roan sires at Granby several years ago both laid the foundations for Hereford successes in many of the well known herds of this day. We sincerely believe that equal, or surpassing successes can be made for buyers by the cattle in this dispersion.

Harold Fulscher, Granby, Colo.

This Colorado Classic "King" Sells

F. ROYAL DOMINO
(Formerly Royal Mixer 32d)

Calved June 25, 1947, F. Royal Domino is a son of Baca R. Domino 73d by OJR Royal Domino 10th and is out of a granddaughter of Wilton Domino.

We liked him so well that we bought him at the Classic auction's top. His is an outstanding young individual which should go to head a top herd.
This thoroly proved Polled Hereford sire is for sale . . .

**KING D. 29th**
3515631-176250

Sired by King Domino 29th by King Domino.
Calved March 27, 1942.

He's a vigorous, smooth, lowset, easy fleshing, powerful breeding bull with a good production record. We're selling him only because we have so many of his daughters in the herd.

In the 1947 California Polled Hereford show he sired the champion get, best six head, grand champion pen of five range bulls. In the 1948 show two of our grand champion pen of five bulls were sons of King D. 29th. In good shape and a guaranteed breeder. Reasonably priced. Come and see him.

**ROLLING RIDGE RANCH**
Paul Greening, Owner
P. O. Box 541
POMONA, CALIF.

--- "no end of good"


"We recently made a deal with Tal'-wi-fi for WHR Royal Duke 56. In my opinion this is a really outstanding bull and I believe he will do our herd no end of good."

**WHRever you go, WHR breeding**
is helping build better beef cattle, continuing generation after generation doing "no end of good."

**WYOMING HEREFORD RANCH**
Cheyenne
areas and ravines get most of the water while knolls and ridges are only partly irrigated. For the irrigation of alfalfa, furrows six feet apart were added. This gave somewhat better control of water but even then most of it found its way to swales and was lost.

This system, through lack of control of water, is wasteful. At the best in wild flooding, only about a third of the water applied is used by hay plants. This means that two-thirds is lost through run-off or deep percolation. By installing the most efficient irrigation system that the soil will allow, water wastage is kept at a minimum and plant nutrients are not washed away.

Freeman decided to level his land and use borders for irrigation. Freeman’s soil is deep, with a slope of 1%. On slopes above 3% borders are not suitable.

Border System Used. A study of the soils of the Freeman ranch showed that there was little danger of building up a harmful water table. It also showed that drainage provisions in the plan were not necessary. The border system was selected because of its ease of irrigation and high efficiency (65-70%) in getting water to the crop. The length of irrigation runs was 660 feet, or the maximum allowable for the soil. Border ridges were 30 feet apart.

The field was seeded to grain in 1947 and 1948 and to alfalfa and smooth brome this year.

After irrigating the field one season, Freeman said, “There was a noticeable saving of water and much less work in irrigating. It formerly required 12 days to irrigate the ranch. Then it was but poorly irrigated because of the roughness of the land. Some of the land would be soaked, while the other areas were high and dry. Now that the land is leveled,” he added, “I irrigate the ranch in eight days and use about half as much water as I previously used.”

Today Freeman has a young, good-producing alfalfa stand, with production estimated at three and a half tons per acre. By following good irrigation and cropping practices the yield may range up to seven tons, a sharp contrast to the old field with its production of a ton or less per acre. By conserving soil fertility and water, here’s one rancher who is assuring himself of continued high production of hay for feeding next winter.
KNEE-DEEP IN FEED
Continued From Page 35

recently purchased from the Dwight Murphy Ranch in California.

The Mees plan to expand these purebred operations and furnish range
bulls for Monterey County and adjoining
county cattlemen. When asked why
the sudden interest in purebreds, Mee
stated that the buying and selling of
steers is a highly speculative business,
and particularly was this so on a de-
clining market. He felt that where
many costs such as taxes, interest on
investment, irrigation and labor would
remain relatively fixed in the face of a
drop in prices, it would be wise to at-
tempt to raise a bull calf worth $200
or $300 rather than a steer worth $150.
This is especially true where valuable,
high-priced land is being utilized for
permanent pastures.

Alex McDonald, former herdsman at
the University of California farm at
Davis, and Joe Ayer, prominent cattle-
man of Gilroy, have been working with
the Mees on this purebred project.
They plan to have quite a scientific
breeding project, following the Uni-
versity of California grading system.

Permanent Pasture. The permanent
pasture fields are divided into areas of
approximately 25 acres and about 400
head of cattle are grazed together from
six to eight days on one field and then
moved to a similar field. This allows
for pasturing each field once every
four to six weeks. Three days prior to
going on to each field about five or
six checks of the pasture are mowed
and the grass and clover cured and
windrowed. This gives the cattle a sup-
ply of good dry hay to eat along with
the straw and green pasture.

The straw is handled uniquely. It is
picked up from the fields in the sum-
mer time with a hay hog and chopped
and blown into a specially made wagon
where it is hauled to the pasture and
blown into a straw dump 16 by 32 by
10 feet, constructed mainly of camou-
flaged army wire. One of these straw
dumps is located in each field where
cattle have access to it at all times.

This method of feeding dry straw
and dry hay prevents bloat and at the
same time makes it possible for the
cattle to more fully utilize the green
lush pastures. Cattle gain approximately
1 1/2 lb. per head per day when un-
der this feeding system.

Ranch Wells. There are 10 deep wells
on this ranch that average about 1,100
gallons per minute. After three years
of almost continuous pumping, the
water table as well as the quality of
water remains satisfactory.

The fields are irrigated by the strip
border method about every two weeks
in the summertime and the cost per
year is approximately $15 per acre. The
soil is deep and rich, bearing out the
statement, "Henry Miller knew dirt."
About 600 acres of this ranch are in
permanent irrigated pasture and al-
Stop by this month to look more closely at these cows, at our herd bulls and at the 50 top heifers selling here NOVEMBER 18.

With mothers like these back of them, how can you help but get top production from the heifers selling in our NOVEMBER 18 AUCTION?

It just stands to reason that "like begets like." Don't these cows carry the scale, the quality, the milk production that you want in your herd—that buyers of your herd's output will pay premium prices for?

A. H. KARPE'S
Greenfield Hereford Ranch
BAKERSFIELD, CALIF. ... on Highway "99" 10 miles south of Bakersfield
recently purchased from the Dwight Murphy Ranch in California.

The Mees plan to expand these purebred operations and furnish range bulls for Monterey County and adjoining county cattlemen. When asked why the sudden interest in purebreds, Mees stated that the buying and selling of steers is a highly speculative business, and particularly was this so on a declining market. He felt that where many costs such as taxes, in addition to interest on investment, irrigation and labor would remain relatively fixed in the face of a drop in prices, it would be wise to attempt to raise a bull calf worth $200 or $300 rather than a steer worth $150. This is especially true where valuable, high-priced land is being utilized for permanent pastures.

Alex McDonald, former herdsman at the University of California farm at Davis, and Joe Ayer, prominent cattlemen of Gilroy, have been working with the Mees on this purebred project. They plan to have quite a scientific breeding project, following the University of California grading system.

Permanent Pasture. The permanent pasture fields are divided into areas of approximately 25 acres and about 400 head of cattle are grazed together from six to eight days on one field and then moved to a similar field. This allows for pasturing each field once every four to six weeks. Three days prior to going on to each field about five or six checks of the pasture are mowed and the grass and clover cured and windrowed. This gives the cattle a supply of good dry hay to eat along with the straw and green pasture.

The straw is handled uniquely. It is picked up from the fields in the summertime with a hay hog and chopped and blown into a specially made wagon where it is hauled to the pasture and blown into a straw dump 16 by 32 by 10 feet, constructed mainly of camouflaged army wire. One of these straw dumps is located in each field where cattle have access to it at all times.

This method of feeding dry straw and dry hay prevents bloat and at the same time makes it possible for the cattle to more fully utilize the green lush pastures. Cattle gain approximately 1½ lb. per head per day when under this feeding system.

Ranch Wells. There are 10 deep wells on this ranch that average about 1,100 gallons per minute. After three years of almost continuous pumping, the water table as well as the quality of water remains satisfactory.

The fields are irrigated by the strip border method about every two weeks in the summertime and the cost per year is approximately $15 per acre. The soil is deep and rich, bearing out the statement, "Henry Miller knew dirt."

About 600 acres of this ranch are in permanent irrigated pasture and al-
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A. H. Karpe's

Greenfield Hereford Ranch

Bakersfield, Calif. ... on Highway "99" 10 miles south of Bakersfield
good grass plus good water naturally makes good Herefords

TROUT CREEK RANCH, CODY, WYO.

MRS. N. P. deMAURIAC, Owner ALICE HAMMOND, Asst. Mgr. RAY WILDE, Manager

Announcing

TROUT CREEK RANCH
COMPLETE DISPERSION
Sept. 29 AT THE RANCH

The entire Trout Creek herd will be dispersed September 29—200 head of females, 45 young bulls and six herd bulls. The herd bulls include TP Royal Domino 24th, MR Royal Domino 2d, JCR Prince D. 2d, OJR Flashy Royal 2d, Canyon T. Image 58th and Advance Domino 3d. This herd-bull battery and the breeding herd is strong in the blood of WHR Royal Domino 51st, WHR True Mold 11th and Advance A. Domino. These bulls and their get and their services all sell September 29.

An example of the heifers to be sold in the Trout Creek dispersion.
FOR SALE

RANGE BULLS

Your selection from a grand set of yearling POLLED HEREFORD BULLS. Same type and breeding that has been winning pen championships for us in California shows. Priced right for you. Come and see them now for best picks.

ROLLING RIDGE RANCH

Paul Greening, Owner—"Babe" Minor, Cattle Manager. P. O. Box 541, POMONA, CALIFORNIA. Phone: LYcoming 82-744

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We specialize in young, range raised Bulls.

P. O. Box 175 Coyote, California

Polled "A Few of the Best" Herefords

BREEDING STOCK FOR SALE ALL TIMES.

JOHN E. RICE Sheridan, Wyoming

faifa. In addition to this, several hundred acres of barley are planted on land that has been prepared for winter irrigation, when the supply of water is above normal. About one good winter irrigation, plus the normal rainfall, will produce about a 30-sack crop of barley per acre on this ranch. With this system they are able to grow a crop of barley on this land every year, while most of the neighbors have to resort to summer fallowing.

Water for Cattle. Drinking water is supplied to the cattle by hooking a 3,000-gallon storage tank on the main irrigation line. Water from this tank is supplied to the troughs by a check valve. One trough supplies two fields. After the cattle are moved out of the fields, the troughs are cleaned and tarred.

In addition to the irrigated pastures, about 25 earthen dams have been constructed on the higher range to store and conserve water for cattle, another guard against Old Man Drouth—if and when he comes.

The pasture mixture that Mee used is 3 lb. of orchard grass, 4 lb. of tall fescue, 2 lb. of domestic ryegrass, 2 lb. of alfalfa, 1 lb. of Kentucky bluegrass, and 3½ lb. of ladino clover per acre.

Plans are to establish several hundred acres more of permanent pasture on this ranch as further security against drouth and for higher efficiency in beef production. The time may come when these wide-awake cattlemen will completely finish their steers on permanent pasture by supplementing them with some ground barley in addition to the straw and hay. They believe that costs of producing beef can be cut by this practice. This has been demonstrated in other areas in Monterey County.

Father, Son Deal. The longer you visit on the ranch the more you are impressed that it is a father and son deal. Each makes suggestions on the management of these many acres and

Hamel Brothers HEREFORDS

Sires and Service

P. H. Golden Bonanza 12
U. C. Rover Domino 8
Mark Donald 74th
Range Raised Yearling Bulls for summer and fall delivery

DAVIS, CALIFORNIA

ON HIGHWAY 40

Circle Dot Herefords

FOR SALE:

Bull Calves by Triumph Domino 9th and Prince Mischief, grandson of Domino Prince. These calves are 12 to 14 months of age.

H. Clay Dalton Stuart Cooper
Owner Herdsman
Ph. 1188 Ph. 2143
MADERA II CALIFORNIA

WESTERN LIVESTOCK JOURNAL
young Tom has as much to say about the decisions as his father.

Tom is a graduate in animal husbandry from the University of Arizona and was a flier in the U. S. Army Air Corps during World War II. He likes Hereford cattle and Quarter Horses and his great concern is that his livestock shall be well fed at all times.

Senior Mee is a former commission man and loves the marketing and speculative end of the business. "A good buy is half sold," and according to Mee, it is one of the keys to success in the cattle business. He doesn't think anyone is shrewd enough to sell on the very top of the market or buy for the lowest dollar. His system is to buy near the top and sell for profit. Sound easy?

Hostess, Mrs. Mee, a lovely hostess, has ranching in her blood, too. She has charge of the family orchard and garden and oversees their beautiful and spacious home, which is Spanish in motif and design.

As one talks to these Peach Tree Valley ranchers, it is easy to understand that the biggest fears they have in operating their 30,000 acres are absence of rain and lack of efficient labor. To take these two hazards out of the beef business would be doing away with the greatest gambles known to the livestock industry.

Conserving rainwater in dams and ponds and producing green pasture the year around through the proper use and development of underground irrigation water shows much promise of fitting the dry years that come and go over the West. Harvesting the feed produced on this area with white-faced steers and well-bred purebred Hereford cattle will limit the labor problem. One realizes that water is the lifeblood of the vast range country, and the more we see of land the more we like water.

FOR SALE

200 HEAD
SELECTED GRADE HEREFORD HEIFERS

All 20 months old or better and bred to top registered Polled Hereford bulls. In exceptionally good condition and attractively priced. Call us or come and see them now, as they're a real buy.

ROLLING RIDGE RANCH

Paul Greening, Owner—"Babe" Minor, Cattle Manager
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TECO CALF CHUTE

ANNOUNCING REDUCED PRICES ON CATTLE EQUIPMENT

The One Calf Chute that has EVERYTHING. Can be operated by one man, if necessary. No beef ranch complete without it.

Write us for information, too, about the nationally-used Cattle Squeeze, the new Iron Foot Trimming Stocks, Branding Iron Heaters, Stock Racks and Trailers, and our extensive line of specialized Haying Equipment.

You'll be surprised how many of your needs can be supplied here—made by ranchers for ranchers. See us, too, about your feed handling problems. We can save you time and money.

Your inspection of our manufacturing facilities invited. Visitors always welcome.

THOMPSON & GILL, Inc.
Madera, California

ROLLING RIDGE RANCH

CHAS. ADAMS

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Oct. 7—Pair & O Hereford Sale, Richfield, Utah
Nov. 7—M & O Hereford Sale, Richfield, Utah.
Nov. 12—California Polled Hereford Sale, Sacramento.
Nov. 18—A. H. Karpe Hereford Sale, Bakersfield, Calif.
Nov. 21—California Hereford Sale, Madera,
Jan. 23—Santa Barbara County Hereford Sale, Goleta, Calif.

Better write, phone or wire for sale reservations at once. Our date book is filling up rapidly.

YEARS OF EXPERIENCE AVAILABLE TO YOU AT
NO EXTRA COST!

CHAS. ADAMS, Auctioneer
12555 E. Orange Grove, Artesia, California
Office Phone Torrey 5207
Home Phone Douglas 7300

FOR SALE

SELECTED GRADE HEREFORD HEIFERS

All 20 months old or better and bred to top registered Polled Hereford bulls. In exceptionally good condition and attractively priced. Call us or come and see them now, as they're a real buy.

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Jan. 23—Santa Barbara County Hereford Sale, Goleta, Calif.

Better write, phone or wire for sale reservations at once. Our date book is filling up rapidly.

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ROLLING RIDGE RANCH

CHAS. ADAMS

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Nov. 7—M & O Hereford Sale, Richfield, Utah.
Nov. 12—California Polled Hereford Sale, Sacramento.
Nov. 18—A. H. Karpe Hereford Sale, Bakersfield, Calif.
Nov. 21—California Hereford Sale, Madera,
Jan. 23—Santa Barbara County Hereford Sale, Goleta, Calif.

Better write, phone or wire for sale reservations at once. Our date book is filling up rapidly.

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CHAS. ADAMS, Auctioneer
12555 E. Orange Grove, Artesia, California
Office Phone Torrey 5207
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T HAT OLD COWHAND friend of mine, Clyde Burnett of Benjamin, Texas, wrote me a short note and enclosed a clipping from the Fort Worth Star Telegram of June 18. In his note he said: "Dear Mr. King: I thought you might like to read the enclosed clipping and to know you were getting some help in the good fight you have put up for the poor Indians, which I myself have seen, to my disgust, in New Mexico. Best regards from your old friend, Clyde Burnett, Benjamin, Texas."

The clipping Clyde sent me is headed by a picture of Mrs. Will Rogers, Jr., standing beside an equestrian statue of her late father-in-law, Will Rogers, Sr., and reads as follows:

"CARRYING ON FOR HIM—Significant in several respects was the visit of Mrs. Will Rogers Jr. of Beverly Hills, Cal., to the equestrian statue of her late father-in-law, Will Rogers, famed humorist and philosopher, on the grounds of the Will Rogers Memorial Coliseum and Auditorium. Mrs. Rogers is carrying on a movement to aid destitute American Indians. Rogers, part Cherokee himself, had championed the same cause."

FRANK M. KING

Thursday of Mrs. Will Rogers Jr. of Beverly Hills, Cal., to the equestrian statue of her late father-in-law, Will Rogers, famed humorist and philosopher, on the grounds of the Will Rogers Memorial Coliseum and Auditorium. Mrs. Rogers is carrying on a movement to aid destitute American Indians. Rogers, part Cherokee himself, had championed the same cause.

"THE failure of the United States to extend the benefits of the public school system to the American Indians and many other deficiencies of this country in its dealings with the 'first Americans' were pointed out and deplored here Thursday by Mrs. Will Rogers Jr. of Beverly Hills, Calif.

"Mrs. Rogers is on a tour of the Southwest to visit with philanthropic citizens who might be interested in lending their influence and resources in a nationwide movement to focus public attention on the plight of the American Indians, thousands of whom barely are managing to exist in the badlands reservations."

"Famine conditions among the Navajos have been nothing less than appalling, and other tribes such as the Sioux and Papago are but little better off," Mrs. Rogers declared.

"The young, energetic and well-informed wife of former Congressman Will Rogers Jr., now giving all his time to his newspaper publishing business on the West Coast, came by her vigorous interest in the Indian situation naturally. Her late father-in-law, Will Rogers, noted cowboy humorist and philosopher who often referred to Fort Worth as his 'second home' was part Cherokee Indian himself and therefore the blood of the Red Man also is in the veins of her husband. Will Rogers had supported a number of movements to aid the Indians."

"As further evidence of the sincere interest of Mr. and Mrs. Will Rogers Jr. in the Indian cause, they have adopted two Indian boys, aged 10 and 12. One is a full-blood Navajo, the other a quarter-blood Cherokee. Mrs. Rogers said both are making good progress in learning English. While here Thursday, Mrs. Will Rogers visited the Fort Worth Children's Museum and saw the Indian collection of the late Cato Sells, former United States Commissioner of Indian Affairs. She also visited the Will Rogers Memorial Auditorium and Coliseum and admired the equestrian statue of Will Rogers and other markers in memory of him."

"The equestrian statue, a sculptured work of Mrs. Electra Waggoner Biggs of Vernon and a gift from Amon Carter in memory of his friend of many years, reflects the 'real spirit' of Will Rogers more effectively than anything she has seen. Mrs. Rogers said.

"Will Rogers Jr. has leased his Beverly Hills Citizen to Horton Fait and Max Daley, managing editor and general manager, respectively, and is off to New Mexico to spend two months sitting in on the tribal councils of the Navajo Indians."

"We hope Will is on the right track and not working for that rotten Indian Bureau. A bunch of us are working to get that Indian Bureau abolished and the Indians paid what the government owes them and given their liberty."

T HE WHITE land grabbers are still after them Indians who used to own all that land around Palm Springs. They have been gyped for years, and soon as them Indians chuck their bows and arrows and showin' "em them land grabbers took over, with the help of some of our congressmen and politicians. Here is a story from Washington that is supposed to help the Indians, but read
YOUR OPPORTUNITY to buy sons and daughters of

BARRY 2nd OF WILTON

Hamilton's Production Sale

Monday, August 29
Chehalis, Washington

60 LOTS

Cows with calves
Bred two-year-old Heifers
Bred and open yearling heifers
4 Herd Sire Prospects
Write for sale catalog addressing:

MILLER & TEALE
Sale Managers
W. 807 Shoshone Place
Spokane 9, Wash.

H. B. SAGER, Auctioneer

This herd was established in 1916 on our present farm and was purchased by us in 1942. During all of these years, this herd of Aberdeen-Angus cattle has been successfully shown at leading Western and Canadian shows. We have been breeding medium large, smooth, close to the ground kind of cattle that appeal to the range operator as well as the purebred breeder.

It has always been our policy to enter only top cattle in regional shows and sales, and our own sale is no exception. We are offering a group of cattle which can profitably fit into your herd.

BARRY 2d OF WILTON, by Blackcap Barry, has sired champion breeding cattle in the Northwest and Canadian shows and sales, as well as being the sire of champion 4-H and FFA steers.

Below—This group of choice heifers will be in our sale. Most will be bred to Bandelier 118th of Wilton, by Evader's Quality Bandelier, a top breeding bull at Wilton Farms of Iowa.

HAMILTON MEADOWS

Mr. and Mrs. A. L. HAMILTON, Owners

Chehalis, Washington
OXBOW RANCH
Production and Reduction Sale
SAT., AUGUST 27
Starting at Noon . . . at the ranch
PRAIRIE CITY, OREGON

175
HEAD
100 LOTS

OXBOW RANCH now has over 475 head of registered Aberdeen-Angus cattle, including 250 females of breeding age. That is too many for handling, thus our decision to reduce the size of the registered herd.

Our ambition is to always breed top quality Angus. This herd has been built up over a period of 31 years of Aberdeen-Angus development, by purchase of the best foundation females and top herd sires. We have kept the best of the Get . . . now we will divide.

Write Oxbow Ranch or Sale Managers for sale catalogs and further information.

MILLER & TEALE, Sale Managers
W. 807 Shoshone, Spokane 9, Wash.
EARL O. WALTER, Auctioneer

WE WILL . . .

1. Continue to improve our quality.
2. Be represented on the show circuit.
3. Have regular entries in Angus Association Shows and Sales.
4. Be constantly looking for your good offerings.
OXBOW RANCH
Production and Reduction Sale
SAT., AUGUST 27
Starting at Noon... at the ranch
PRAIRIE CITY, OREGON

175 HEAD
100 LOTS

You cannot afford to miss this opportunity.
Plan to attend...
Pendleton Roundup, Aug. 26 at Pendleton, Ore.
OXBOW ANGUS SALE, Aug. 27 at Prairie City, Ore.
HAMILTON MEADOWS ANGUS SALE, Aug. 29 at Chehalis, Wash.

Make it a pleasant and profitable weekend.

D. E. RICHARDS, Manager
Ferndale Angus Quality certainly counted and will continue to count with these buyers in our first annual Breeders' Opportunity Sale last month:

Angustorra Ranch ................... Watsonville, Calif.
Fred Reiffenberger & Son ... . ........ Fairfield, Wash.
T. E. Connally .... . .............. San Francisco
Hacienda de Los Reyes .............. Selma, Calif.
Lingdooley Ranch ................... Santa Paula, Calif.
Mrs. Jeannette Wreden . . . . . . . ......... Santa Margarita, Calif.
Dr. A. E. Sanders .................. Canoga Park, Calif.
J. P. Shirley . . . . . . . . ....... Canoga Park, Calif.
Howard C. & Helen Smith ............. Canoga Park, Calif.

Naturally, we were pleased with the wide attendance and we wish every buyer the utmost of success with his purchases, and invite all visitors and buyers back any time to see and purchase Ferndale registered Aberdeen-Angus.

Visit us also at our Canoga Park ranch, 20704 Van Owen St.
Getting ready for CROSS ROADS DAY where business and pleasure meet

SEPT. 19th

Andy Anderson
Encampment, Wyoming
THE LONGHORN
Continued From Page 57

Texas who finally wanted to get married in the north and got friends in Texas to intercede for them and get indictments quashed so as to marry in their rightful names, some of which I will herein name: James Dahlman, late of Omaha, who was its mayor for 21 years, whom I first met in 1880 as Jim Murray.

Then comes one I first met in 1877 as Jack Tolbert, but on marrying married under his rightful name of Jack Taylor. And I might include my brother, Harvey, who, after the big killing in Uvalde County, Texas, at the old lady Taylors where he was known as Harvey generally, and changed base to Nueces in southwest Texas where he was known merely as Harvey, supposedly his surname. And when he went to get married in the north friends got the slate against him erased and he married under the name of Harvey Lemmon.

I might go on indefinitely naming Texas absconders viz. Johnson, manager of the Seth Mabry Heart outfit on the Running Water in the late seventies and early eighties; then Dave Molasky of San Antonio, and Luke Short of the White Elephant saloon of Fort Worth; and Matt Coats, later of Billings, Mont., under the name of Crawford, and also Johnson's real name was Crawford; then Marion Cook (Lee) whose right name was Galbreath, under which he was married in Sherman, Texas, to Florence Yost and became marshall of Sherman, and again to kill his man and abscond to Leadville, Colo., where he captured a notorious bandit for a reward of ten thousand and from that got on the Pinkerton force.

But again he fell by the wayside and went to Kansas where he formed what was known as the Bill Cook gang that robbed right and left for a few years when he apparently went up in smoke. But ten years later he again wrote me under the name of Marion Lee and stated he had two sons in the World War, one in the Texas Rangers and a daughter teaching school in Texas with a good salary; and he was then a respected citizen of Texas and Oklahoma and owned a large farm.

But his letter did not read as though he was then living with Florence Yost and I wrote him that I was disappointed in the fact of his apparently separating from her and that she had never during my knowledge of her gotten her just deserts. And he wrote me very indignantly saying he was still living with Florence and she was well and contented with her lot and for fear of ruffling our friendship we had better stop corresponding and therein bid me goodbye, and under the name of Marion Lee.

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Good young bulls and heifers of Blackbird and Erica breeding for sale. If you want rapid gains with thrifty cattle try Angus.

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J R ROCK RIDGE RANCH
REGISTERED ANGUS
Weaners to service age, bulls for sale.
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Your use with registered or commercial Angus. IDEAL for crossbreeding, too, with Herefords, Shorthorns, Brahmans and for producing top veal in dairy herds. ANGUSTORRA'S do bring you BEEF BUILD of the FUTURE in the breed of today and the FUTURE.

A. L. WAUGAMAN, Owner, WATSONVILLE, CALIF.

ANGUSTORRA RANCH
Western Livestock Journal's

Horse of the Month

CREAM OF WHEAT JR.

Owned by Las Palmas Ranch
Phoenix, Ariz.
Horses and Horsemen

Edited by Bill Smale

ONE statement that stands out in my mind with regard to the Palomino is the wording of the Palomino show rules of the American Horse Shows Assn. "The Palomino horse is known and recognized by its color." Has there ever been a more clearcut expression of the factor that has made the Palomino internationally famous?

Along this line several letters have come in this year that stress the importance of the type and the fact that judges look first for the color. There was a time they started with conformation and sifted for color second. One of the many problems involved is that there are several different types of horses with Palomino color and if judges sift first for conformation, many beautifully colored horses don't have a chance in the showing. Actually, the real test is how buyers go about picking Palomino horses, and invariably they seem to look for color first.

Not that the Palomino must have any less in conformation, but they want the ability to reproduce the color first and then have that color in the type of horse for which there is a demand.

Both registration associations recognize that there must be an overall molding of type within the pleasure horse field where it does not conflict directly with definite breeds. That is, each is trying to form a type very much the same, in those horses that are half breeds or better but are not golden horses of any particular breed.

There are no more difficulties in raising good Palomino horses than there ever were, but these are sufficient to give incentive to all breeders to produce horses of the color of the newly minted gold coin and put that hide on an acceptable type of horse. No matter what color the horse is, if he can't travel correctly, do a job well or produce his kind as a sire, he isn't much advantage. Which goes to support the idea of conformation first, color second.

Reports emanating from Washington declare the Remount Service will be dead not later than Dec. 31 of this year. Thus a new era is being brought about in the country in that more owners will be called upon to get the best cross for their mares at a cost that will warrant the stallion owner a fair return on his investment. There should, over a period of five years, be an increased demand for replacement stallions of many different breeds through the Western country which will affect every breeder. All pure breeds will probably be benefited, and the competition between breeds will be even greater, for each breed will be reaching out for some of this new market that has been latent because remount agents need not up to this time purchase a horse outright. Good or bad, it takes the government out of the horse business and puts a premium where it belongs, with the breeder producing better horses.

--- Horse of the Month ---

ESTABLISHING an interest in highly refined Palominos 15 years ago, Cream of Wheat, the sire of our Horse of the Month, became known over the Western country as one of the important stallion sires of the Palomino color. His son, Cream of Wheat Jr., has stepped into the shoes of his sire at Las Palmas Ranch, Phoenix, Ariz., owned by T. A. Goodnight and W. R. Wayland, two prominent horsemen of the area.

This young stallion has already proved his ability as a sire at Las Palmas, where the high percentage of the colts foaled this year are sired by him and he has also been popular in the show ring this year, his first year in competition. He not only won honors at the Phoenix Charity Show but came to California and was second in the fine harness class at the Los Angeles County Spring Fair.

Cream of Wheat Jr. stands about 15.1 hands, weighs 1,050 lb., and is a golden Palomino, looking very much like his prominent sire. His sire was a son of Ray El Moreno, a registered American Saddle stallion by Solano and the dam of Cream of Wheat was Highland Squirrel Queen by Highland Squirrel King another American Saddle stallion. Junior is out of the good American Saddle mare, Hazel McDonald, one of the good producing mares at Las Palmas Ranch. He will be seen at many of the Pacific Coast shows this summer and fall.

Photo by Williamson.
Rex McDonald—
Nation's Horse Men Won't Forget
Missouri's Champion Black Stallion

By DR. E. W. PAUL
Owaseola, Iowa

REX McDonald was without a doubt one of the greatest saddle horses America ever produced. Born in Audrian County, Missouri, near the widely known saddle horse town of Mexico on May 20, 1890, the silky, jet black stallion was destined to be a champion. Joe McDonald, who raised him, planned his birth when he said:

"I will breed my Star Davis mare to Black Squirrel and if I get a filly colt will breed her to Rex Denmark, and from this mating should come the world's greatest saddle horse." That is exactly what he did.

Several horses play important parts in the life story of Rex McDonald. The first was Black Squirrel, a black stallion bought in Kentucky and taken to Mexico, Mo., by Lan B. Morris, to raise him, planned his birth when he said: "I will breed my Star Davis mare to Black Squirrel and if I get a filly colt will breed her to Rex Denmark, and from this mating should come the world's greatest saddle horse." That is exactly what he did.

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Golden Horse Quadrille

By C. E. (CHET) MILLIGAN

Horses and riders in the above photo are "threading the needle singularly." With a steady growth each year, the Golden Horse Quadrille and Club now has a membership of 23. The non-affiliated group was formed in 1945.

The fast-moving and exciting routine of the old-fashioned square dance, now in its greatest revival, is tame indeed on the dance floor when compared with the thrill of doing the same intricate steps astride a spirited Palomino horse.

With the revival of the square dance, Dan Bekin, of Encino, Calif., a fine horseman and staunch supporter of the Palomino horse, conceived the idea of a square dance on horseback. After talking it over with his wife and outstanding Palomino owners, a group known as the Golden Horse Quadrille was formed in 1945.

Instrumental in the formation of the square dancing horsemen's organization were Jim and Edna Fagan, Mr. and Mrs. O. L. Sanderson, Mr. and Mrs. Henry Dargett, Mr. and Mrs. Willard Beanland, Mr. and Mrs. Andy Halbaken and Mr. and Mrs. Les Schiele, to mention only a few.

The group has a twofold purpose. First, it provides something new in entertainment for both the riders and the public. Secondly, it further publicizes the versatility and beauty of the Golden Horse.

In its early stages the dance itself was a combination of an old-fashioned Western square dance and the Virginia Reel. The present day routine is an adaptation of the currently improved square dance, with the addition of two military maneuvers to facilitate the entry and exit of the horses in formation.

Catches Public's Fancy. The Palomino square dance caught the public's fancy at once, and has grown each year under the able direction of Jim Fagan, Bill Beanland and Ned Mundon, who followed the originator, now deceased. Never fewer than 16 riders have participated, with as many as 24 dancing at various times.

Horses prominent in the Palomino industry have performed before the public in rodeos and horse shows throughout Southern California. Widely known horses which have appeared in the dance team since its inception include The Harvester, Harvest Supreme, Gold Mark, Gold Nugget, Harvest Sun, Rio De Or, Silver Dollar, Pardner's Gold, Princess Mida, Rimrock and Peacock.

With the popularity of the group growing steadily each year, the members organized last January as the Golden Horse Quadrille and Club, a non-profit, non-professional and non-affiliated group.

Officers elected to serve for one year were Chet Milligan, Canoga Park, Calif., president; Les Schiele, Encino, vice president; Ruth Schiele, secretary and treasurer; and O. L. Sanderson, Glen Fox and Helen Jones, members of the advisory board.

Membership. Twenty of the present 23 members belong to the current dance team. Three of the present members have been active since the original group was formed in 1945. Charles Hester of Northridge has served as caller and adviser. Mr. and Mrs. Sanderson, both over 70 years of age, have always ridden in No. 1 set, and still take their places in position No. 2, with Schiele and Geri Fox, Helen Jones and Bill Maul, and Joan Thompson and D. Bernard. No. 2 set is made up of four married couples, the Karl McCleves, the Larry Stowerses, the Glen Foxes and the Roy Harmons. Alternates include Ruth Schiele, Gloria Milligan, Helen Milligan, Chet Milligan and Floyd Jones.

These riders, who make up what is believed to be the only all Palomino square dance team in existence, have appeared in three public exhibitions this year. They have turned down television and movie contracts, for they have no professional aspirations. It is estimated that 1949 exhibitions will top those of 1948, with its record showing before 375,000 spectators.

Few persons who witness the exhibitions realize the time and effort required to put a successful dance team into the showing. To begin with, all horses must be registered Palominos, capable of executing the quick, sharp
A New Home

FOR

KING OF THE FIELD

PHA 109-2387

A Great Show Horse and Sire

This prominent son of The Harvester has won many shows both in breeding classes and in parade events. His popularity in the West led us to his door and now we will offer his services to a few approved mares.

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Visalia, Calif.

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With the pure blood of the Arabian, a cross on other breeds or grade stock has the most significant opportunity to improve your horses. The quality, ethereal beauty, and beautiful symmetry of the Arabian is transmitted with persistence into other breeds.

Particularly have the Arab crosses with Palominos been successful in producing the color as well as the type that makes an outstanding parade, show and pleasure horse.

See the Difference on the Ranches

Get your copy of the list of Arabian breeders, visit their ranches and notice the improvement in type and quality they have to show you. You will be pleased with the results the Arabian will give you.

ALL ARABIAN SHOW
Stake—$200 Stock Horse Class
Stake—$100 Hackamore Class
Stake—$100 Vehicle Class

Get your horses ready for All Arabian Show, October 15 and 16 at the Los Angeles County Fairgrounds, Pomona

Arabian Horse Breeders' Society of California
Address Dept. W.L. 4, 4620 Oakwood Ave., La Canada, Calif.
Exemplifying the very finest in the American Saddle Horse type, One-In-A-Million represents well his Jordin Peavine family. This beautiful 16-hand golden Palomino stallion possessing a world of personality which truly justifies his name, will now stand at stud. One-In-A-Million distinguished himself by winning first honors, shown in hand, at the All Palomino World Championship Horse Show held at Fort Worth, Tex., in Sept. 1947 and has made an outstanding showing in California as a parade horse. He has filled our trophy room with blue ribbons and trophies.

He will stand at stud at Wildwood Farm, in Hidden Valley, Ventura Co., to a limited number of approved mares. Fee $100 at time of service with return privileges during the season.

Misty Mount

Mrs. Dorothy L. Miller, Owner

This popular son of Napoleon Chief, out of Buttercup, stands 15 hands and with his sturdy, stock horse development offers an attractive opportunity to reproduce the golden color with the utility conformation of the western horse. Along with his beautiful color and animation he has quality. Misty is not only a parade horse, but as a show stallion has made a prominent record winning ribbons at several major shows including 2nd in a class of 26 at the All Palomino Horse Show in Los Angeles in 1944.

He will stand at stud at Wildwood Farm to a limited number of approved mares. Fee $75 at time of service with return for the season.
Golden Flight—Capper’s Fed

Winner of the Frank Mirat­
ti Palomino Championship
trophy at the Santa Bar­
bara National Horse Show
in 1946, 1947 and 1948, re­
tiring the trophy to the
permanent ownership of
Mrs. Gerald Gray, his own­
er, thereby making him the
only Palomino with this out­
standing record.

CAPPER’S HORSE FEEDS are scientifically balanced rations containing
necessary vitamins, minerals, and other nutrients in correct proportion.
All ingredients are fully ground and pressed into palatable pellets, making
nutrition possible without waste. For better results at less cost, use
CAPPER’S—proved for 12 years.

Ask your feed dealer or write

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CHINO
(Established 1937)
CALIF.

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10 Days Racing - Aug. 17 - Aug. 27
$17,500 Purses - $250 Per Race

Under Auspices of
Douglas County Sheriff’s Posse

QUARTER HORSE RACING — THOROUGHBRED RACING
New Lighting System for Night Racing

Douglas County Fair
Aug. 25 — Aug. 26 — Aug. 27
(First Fair in 37 Years)
Enter horses by mail, quickly as possible to
assure good stall accommodations.

UMPQUA JOCKY CLUB
FRANK A. DIVER, Mgr.
Roseburg, Ore.

QUADRILLE
Continued From Page 83

turns of the cutting horse and the
quick starting and stopping of the rop­
ing horse. They must have the ability
to change leads both ways of the ring
and acquire the slow, easy lope of the
trail or pleasure horse with a loose
rein.

As for the rider, he must have a
good seat in the saddle, carry an easy
rein and maintain perfect coordination
with his mount.

Briefing Sessions. After the selection
of horses and riders and the routine
has been decided upon, the riders are
briefed on the steps necessary in mak­
ing up each pattern. This is carried
out in group sessions using blackboard
illustrations with emphasis on spacing,
timing and coordination. Potential
partners complete their workouts at
home or in a training ring and, weather
permitting, outdoor practice ses­
ions are scheduled.

All work on the routine during the
first month is carried out at a fast walk
or a very slow jog trot. Couples are
balanced and often changed from one
position to another until each finds his
best position.

When the horses are well condi­
tioned, the tempo is increased. From
this point on it is a question of watch­
ing each couple separately and correct­
ing minor faults.

The time required to build a dance
team to a point where it is ready for
the first public performance is about
four months, with practice sessions be­
ing held weekly. From then on ses­sions
are held about three times a month.

It is well to point out that the timid
rider has no place in the dance team,
for the element of serious injury is al­
ways present. An unruly, ill-mannered
horse cannot be tolerated because all
animals must work in close formation.

A widely known horseman and na­
tional judge has estimated the value of
the 16 horses and the tack of the 1949
Palomino dance team at $30,000. But
the value placed on the team is exceed­
ed by the affection this group of Palo­
mino owner-enthusiasts places on its
mounts. It is a remarkable team, made
up of people who have horses only be­
cause of their love for them.

"...but we can't just turn off the alarm
and go back to sleep in THIS business,
Eddie."
Banana Peavine and two of his sons, Lingdooley Diamond Peavine and Lingdooley Easter Peavine.

LINGDOOLEY PALOMINO AMERICAN SADDLE HORSES

Home of Banana Peavine
ASHBA 19667 PHA 146-2372

Selected on individuality and bloodlines, our registered Palomino American Saddle Horses contain the blood, quality, motion and conformation to produce outstanding show and breeding horses. We are also standing his two outstanding sons shown above. If you are interested in breeding your mares or obtaining choice breeding stock, you should see our stock.

Visitors Welcome
E. E. CONVERSE, Owner
Lingdooley Ranch, Santa Paula, Calif.

Cream of Wheat Jr. Horse of the Month

A Great Son of A Great Sire

We chose this son of Cream of Wheat to head our program after the sire’s untimely death. He is surprisingly like the old horse in conformation, color and disposition and has an even greater concentration of American Saddle Horse blood through his dam Hazel McDonald. Most of our mares are bred to him this year and all but two of this year’s colts have been sold.

At present we have a few mares for sale because we are curtailing our breeding operations. We are offering a Palomino mare by Cream of Wheat out of Anacacho It and a Palomino mare by The Harvester out of Country Fashion by Country Gentleman. We also are selling Easter Dawn, an excellent sire; he is a full brother to Talisman; and two yearling Palomino stallions, one sired by Stonewall on Parade and one sired by Easter Dawn. We invite your inquiries.

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Artificial Insemination—Time Is Ripe for Consideration of Advantages by Breed Registries

By TOM HARRIS

A quick question about the value of artificial insemination in the horse business usually brings one of two equally quick responses. Those who still believe that the old way is the best way are sharply against this tampering with nature. It is true that some adherents to this school of thought wear celluloid collars and button their shoes, but a lot of them are the finest horsemen in the country, well advanced in other farming or breeding practices, who have arrived at their conclusion by the arduous and too seldom exercised process of deep consideration and logical reasoning. They do admit that they could be slightly behind the times.

Those who live in a world of jet planes, atom bombs and television are naturally favorable toward AI. They see in it the trend of things to come and point proudly to its value in the breeding of purebred cattle. Among these are many just as dogmatic about their opinion as those with opposite views. Careful consideration of the advantages has been found to outweigh the disadvantages, but they also admit that they could be slightly ahead of their time. Both sides have a lot to be said for them.

Reinforcing Nature. AI actually begins when the stallion does not make a natural service. Breeders now generally regard the capusing of mares to reinforce a natural service as no more than progressive but accepted breeding procedure. All admit the value of this type of breeding and add that it is especially valuable as the mare advances in age and becomes difficult to settle, as the breeding season slips away, or as the useful life of a valuable stallion wanes. Remember those reasons—they are important, because we come very shortly to the dividing line between AI and natural breeding.

Let us assume that a breeder wishes to breed several mares. The season is well advanced and time is valuable. With one orgasm from his stallion he is able to capulse all of the mares. All bear colts just as sound biologically as if they were the result of a natural coverage. It he admits in registering the offspring that they were not the result of a natural coverage the colts are recognized by only one or two of the breed registries in existence today. Those opposed to recognition of AI hold:

1. That the integrity of horse breeders in general does not warrant their handling AI without some control.

2. That mare owners would always question the paternity of their foal. Especially the more valuable and popular became the stud. Nature's habit of not always making a colt the exact replica of its sire would certainly lead to some fancy debate here.

3. That simply consigning the handling of this program to the veterinary profession would not be adequate safeguard. Strangely enough, many vets also feel that members of their profession might be swayed from their ethical duty by persuasive argument of a regular client.

4. That the appointment of certain closely selected, specialized veterinarians to handle AI would be so expensive as to defeat the original intent.

5. That widespread breeding to a few top animals although benefiting the breed for a while would eventually have bad effects and would cause many good studs to go undiscovered. One reference cited Bull Lea as an exam-
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BIN BASHI, "Horse of the Month" in Western Livestock Journal of August, 1946, is owned by Paul Paul, Rancho Cameo, Fresno, California, user of JAMESWAY EQUIPMENT for his GUERNSEY DAIRY.
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— Breeding to a Golden Palomino Tennessee Walking Horse —

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SHOW MANAGER — Harrison Cutler, Napa, Calif., has been named manager of the annual national horse show which will feature the Pacific International Livestock Exposition in Portland, Oct. 7-15, announces General Manager Walter A. Holt. Cutler plans to supplement English saddle and harness events, long a top drawing card at the P. L. with western horse classes, according to Holt. Included will be Arabs, Palominos and Quarter Horses.

ple, stating that if AI had been in common use allowing top mares to be bred to top studs at will, the unimpressive record of Bull Lea himself would have caused his tremendous breeding ability to go undiscovered or at least unnoticed until late in his breeding life.

6. That widespread use of AI would react unfavorably on stallions in those districts where their breed was not so well known. For example, breeders of Thoroughbreds would naturally look to Kentucky for their top studs, Quarter Horses to Texas, California or Oklahoma. Thus local stallions, quite possibly just as good, would be overlooked.

Breeder's Integrity. The adherents of AI counter that if breeders would fabricate records about AI breedings, they could do so just as well about natural breedings, there being numerous cases in the history of our most reliable registries which support a contention that this has been done in the past. This has led to the old axiom that a breeding record is worth no more than the integrity of the breeder who signed it.

Breeders who questioned the authenticity of their AI breedings would doubtless bite a four-bit piece or rub the ink on a sawbuck. We will doubtless have them with us always but it is very questionable whether our lives and businesses should be regulated to cater to their suspicious natures.

A discussion of the price the horse

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$75.00 pays round trip carfare and tuition, if the carfare is not over $25.00. A horse owner or herdsman now employed can pay $10 cash and $10 per month.

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A Great Palomino Sire
100% Palomino Foals

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Our Arab Blood Is On The March!

Horses sired by our stallions or of our breeding won 46 places at the All Arabian Show at Bellflower in June, including 13 firsts and both Championships!

1 first prize winner by Antez
5 first prize winners by Alla Amarward
3 first prize winners by Abu Farwa
1 first prize winner out of Alla Amarward's daughter

Champion stallion, Ankar by Antez
Champion mare Fersara by Ferseyn

HALF ARAB MARES: All five places carried blood of Alla Amarward—Wadduda, Ken Crippen; Alla's Joy, Ralph Gillis; Quilan, Joanne Crippen; Khila and Allamyra, John Ruzzemante.
Half Arab stallions: 1st, 2nd, 4th and 5th carried Alla blood: Palarab, E. & J. Nelson; My Alla, Lottie Myers; Alla Palla, A. C. Garnett; Alla Zyda, R. E. Willis. Half Arab Palomino geldings: 1st and 4th of Alla blood: Alla Be Good, Cim Deobin, Babbi, Bud De Weese. Half Arab Palomino stallions 1st, 2nd, 3rd and 5th of Alla blood: Alla's Pirate Gold, Fred Carleton; Alla's Pride, Ralph Gillis; Alla's Charm, Mitchell Land Co., and Babe's Golden Alla, F. E. Cookson. All half Arab Palomino mare winners were of our blood: Golden Lady by Abu Farwa and Golden Honey by Alla, Frank McCoy and Poppy Gold by Alla, Mitchell Land Co.


Colts and Fillies for Sale

Remember the All-Arabian Horse Show at Pomona, Calif., October 15-16
Third Annual Offering
American Golden Saddle Breds

- Yearling ASB golden stallion by Golden Bourbon Chief, Star, left hind ankle, mane, tail, white. Full brother to GAY MEADOWS JEWEL, champion golden filly of the West.
- Yearling ASB golden stallion by Bourbon’s Golden Treasure, Strips, mane, tail, white. His dam is one of the breed’s greats. He will go on.

These youngsters are the best the breed offers in the color. Show prospects—potential sires.

- Golden brood mare by Palomino Mack in foal to a son of Royal Success.

All sound—all priced to sell.

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industry pays each year to discover the Bull Leas and other poten aires transcends the scope of this article and would doubtless end with each reader having to take his choice whether the vast number of colts from unworthy sires compensates for the discovery of a few who have impressive personal performance records but possess magnificent breeding ability.

One conclusion reached by many is that AI would appeal principally to breeders owning top mares who wish to breed to top stallions and that the expense involved in setting up adequate protective and administrative machinery would be a small deterrent. This is extremely debatable and the writer feels that the weight and expense of so cumbersome a mechanism would defeat the widespread improvement of the breed promised for AI adherents, which is in the final analysis the only reason for considering AI.

Widespread Improvement. Certainly we do not wish to district ourselves and work solely for the improvement of one breed in one state if we can benefit our breed by going to Kentucky or Texas for blood. The constant improvement of our breed, whatever it is, must of necessity transcend all local boundaries and overshadow the personal reputation or well-being of any one breeder or group. Failure to do this nullifies the purpose of the breeder groups and sharply abuses the idealism of breeders.

For this reason, given the hypothetical example of a South American breeder who wished to inject the blood of an outstanding family of North American horses into an equally outstanding family of South American animals, where unimpeachable authorities would handle the ceremonies of breeding at both ends and assure that no other breeding was possible, all but a case-hardened few will say that the breeding should be recognized and the offspring registerable for what they are. Thus they fall into the trap that AI is potentially beneficial to the horse industry and each individual breed, but fear of the untried and fear of the untried abuses the idealism of breeders.

Growing Demand. Since the need is obvious and the demand is steadily growing, it is safe to conclude that all breed registries would do well to appoint capable committees to determine the heretofore unknown pitfalls and disadvantages of AI to their breed, and weigh them against the possible advantages. They should also set up machinery for the sanction and recognition of outstanding and unquestionable experimental cases to serve as a partial answer to those who seek such breed improvement. Many state experimental stations or agricultural colleges would be able to handle these cases without the shadow of a doubt. Thus it would be possible that the winner of the 1958 Derby would be by a Kentucky stud from a California dam, neither of which ever left home.
Made of the best California bark-tanned leather, on 5-year guaranteed bullhide covered tree, with 2” stirrup leathers. All hand-laced. Can be had in leather reversed, border stamped or flower embossed. Also furnished on “Little Wonder” or “Fits ‘em” tree. Priced completely equipped, with stirrups, girth and tie straps. Approximate weight, 35 pounds.

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MOVIE HORSE—The Harvester. Palomino stallion owned and shown by Jim Fagan, Canoga Park, Calif., will be one of the featured horses in a motion picture now in production to be called “The Palomino.” Another horse to be used in the film that will feature the raising of Palomino horses will be The Californian, a son of Gold Standard, owned by Ralph McCutcheon of Van Nuys, Calif. The picture is being filmed in color in the Los Angeles area and some $50,000 in insurance is carried on horses used, which, according to McCutcheon, represents horses of as high a value as have been used recently in any film. Actual shooting of the picture to star Jerome Courtland started July 11.

Palomino Type—
Smaller Breeders Have Responsibility For Breed’s Success

By WILLARD BEANLAND

In making a trip through the Kentucky Blue Grass country some years ago, I was greatly impressed by the magnitude of each establishment devoted to the raising of Thoroughbred and Saddlebred horses. I noted that each farm was an outstanding example of the careful planning necessary to a long range breeding program. In visiting such great show places as the Spindletop Farms and the Dixianna Farms, it could be readily seen that men with years of experience in the breed raised were in charge.

In viewing the seemingly endless pattern of white fenced corrals and long, modern barns, it was not hard to visualize the success that must come from such careful planning in a breeding program. I find the same condition holds true in California among
The Harvester...
PHA 2359-14
A Champion Sire of Champions

During his show career, The Harvester made an enviable record as a show stallion winning a number of championships in the strongest competition. Now his sons and daughters are carrying on his record and have become recognized as top individuals at many of the leading shows. Below are two of these.

We offer the services of The Harvester to approved mares. From time to time, we have a few Palominos for sale and will be glad to help you find a horse for your use.

Mr. and Mrs. Jim Fagan
20553 Sherman Way Phone Superior 84108 Camoga Park, Calif.

Champion Mare
GRACIOUS LADY PHA 2414, owned by Mrs. Dorothy Beanland, Tarzana, Calif., was champion Palomino mare at the Los Angeles County Spring Fair this year and was champion Palomino mare at the Golden Horse Preview Horse Show June 5.

Champion Stallion
Johnny Harvester PHA 4315 was first in his class at Phoenix this year and was champion Palomino stallion at the Los Angeles County Spring Fair at Bellflower. He is owned by Edgar Beekman, Fillmore, Calif.

We Invite You to the Ranch
Canoga Park, Calif.

Band of Top Quality Quarter Horses Sell

AQHA Registered Stock

Diamond King P-13613
Red chestnut 3-year-old stallion, Zantanon and Traveler breeding. A natural cutting horse.

Golden Sheik AQHA 13428
Palomino 3-year-old stallion. Coke Roberds strain of Peter McCue and Old Fred bloodlines.

Gold Mount Mares
Several good Gold Mount mares—half sisters to Music Mount, six times Grand Champion, Blocky Bud Thomas mare, never placed below second. These mares are in foal to Diamond King. All are for sale, write for complete information or better yet, stop by and see them.

This filly is sired by Diamond King out of Golden Buttercup, a good Gold Mount mare.

LAZY DOT QUARTER HORSE RANCH
Dorothy Titus, owner Phone 4984 Leavenworth, Washington

July 15, 1949
Golden Palomino Quarter Horse Auction
Wednesday, Oct. 19, 1 P.M.

Featuring the blood of NICK II
AQHA 3557
PHBA 4098

Our Senior Sire and Nick Shoemaker Blood.

We will feature Palomino colts, fillies and stock that are proving outstanding in producing Champion Palomino Quarter Horses. You will find colts and fillies, yearlings, two-year-olds, brood mares, stallions and gelding prospects and show horses. A number of these are direct from H. J. Wiescamp, Alamosa, Colo., featuring some of the best individuals he has been able to raise. This is not a consignment sale; it is our annual production sale and we invite you to the ranch any time to see the horses.

Our large Thoroughbred ranches, such remarkable show places as Warner Brothers' new Calabasas Ranch or the McCarthy ranch in Northridge, Calif., present the same overall picture characteristic of the Kentucky Bluegrass region.

Important Difference. But when we begin to analyze the comparative size of operations carried out by Palomino breeders throughout the country we find a significant difference—a difference that to some might seem unimportant as far as promoting the quality of the Palomino is concerned. Yet if we are to consider some of the factors involved and determine from those factors why the majority of Palomino breeders do operate on a small scale we will see why there is a distinct advantage.

We are aware of the fact there are many men breeding Palominos today who know very little about breeding for conformation along with color; fortunately they operate on a small scale. We say fortunately because the very fact that he is a small breeder means that he is not flooding the Palomino market with a large supply of inferior, off colored Palominos. It is also evident that with today's demand for quality, such a breeder will not remain in the Palomino business very long.

Public Demand. Now let us look again at another type of small Palomino breeder who possesses one or perhaps two outstanding stallions and maybe seven or eight quality brood mares. He can expect a good percentage of Palomino colts each year from which he can also realize a fair price at the time of sale. If he finds it necessary to change his breeding program to improve the quality of his stock he can do so without the cost being prohibitive. Each year Palomino breeders are becoming more aware of the fact just any yellow color horse will not sell, and he who heeds the demand of the discriminating public today will still be in the Palomino business tomorrow.

Of the many types of Palominos we have today each of us has his particular choice whether it be the parade type, fine harness, five-gaited, western pleasure or quarter type. Whatever your choice may be is your privilege, but the color, conformation and quality of that choice must remain paramount if we are to maintain the popularity of the Golden Palomino. The continued popularity of the Palomino undoubtedly rests, to a large extent, on the shoulders of the small Palomino breeders scattered throughout the United States and Canada. It is up to them to meet the demands of the discriminating public through careful selection of breeding stock, for that public, as potential buyers, is the barometer governing the quality of Palomino we are to produce.

If you insulate, be sure to control moisture, both from within and from the outside of the walls and ceiling.
Model Horse—
Likeness of TipTop
Now Cast in Bronze

To perpetuate for all time the distinguishing characteristics of a typical American Quarter Horse, W. F. Stooey of Whittier, Calif., has commissioned the versatile artist, Gladys Brown, to make a sculptured study of his champion stallion, TipTop. After completion, the 10-inch artist’s model was cast in bronze by Guido Gargani, master bronze founder of New York.

The lost wax method developed by Benvenuto Cellini in the 16th century will be the process used, wherein the sculptor first makes a “sketch in clay” of the subject. The “rough draft” model is then cast in plaster of paris with the artist later pointing and finishing the plaster model to a perfect likeness of the subject being portrayed.

Final test of the technique, according to Miss Brown, is pointing up the plaster. “You have to know anatomy and know it well, but you can’t let it bother you or you will risk losing your primary intention of depicting the character and elusive personality of your subject,” she says.

When the basic plaster model is completed, the master founder goes through the necessary steps to complete the reproduction of the original lost wax casting. If desired, painting is done to produce the finished artwork.

TipTop, whose attitude during the long days of posing alternated between mild interest and boredom, is an inspirational equine subject, according to Miss Brown. “He is a markedly masculine expression, every feature is
nicely defined, and while his body shows the heavy musculature and strength typical of the Quarter Horse, he suggests an easy flowing grace whether in movement or repose,” commented Miss Brown.

California Leads—

A recent listing of Thoroughbred Stallions in the “Virginia Chronicle” shows that 813 stallions are at stud on farms in 33 states, and oddly enough, Kentucky does not lead the list of states, at least, not quantitatively. California boasts a roster of 303 stallions, while Kentucky, and more particularly the Blue Grass area around Lexington, lists 197. According to the Chronicle Stallion Register, Virginia is third in line with 80 stallions listed, while Maryland comes next with 61.

An indication of the qualitative leadership of Kentucky is evidenced by the fees for the stallions’ service. In California only one stallion fee goes above the $1,000 commanded by 16 of the 303 listed and that is the imported Khaled’s fee of $1,500. In Kentucky, however, there are a dozen at $1,500, two at $2,000, six at $2,500, and Bull Lea advertised at a $5,000 fee.

Of the 813 stallions listed, 106 are imported horses with California again in the quantitative lead with 44, as compared to the 33 imported stallions listed in Kentucky.

In connection with the quality of the stallions listed, as represented by the number of their get and their earnings, it is interesting to note that on a listing of 125 that had 20 or more starters in 1947, Kentucky is represented by 49, California by 16, Maryland by 8, and Virginia by 7.
More Men and Boys Wear Work Clothes Bearing a Lee Label than any other brand

PARADE CHAMPION—Top Hat’s Golden Splendor, owned by Mr. and Mrs. Jack Turner, Long Beach, Calif., was named pleasure horse champion at the All Palomino Horse Show at Mineral Wells, Tex., during the annual PHBA meeting. He was also champion parade type stallion of the All American Palomino Show this spring at Eaton, Ohio. He is a 3-year-old son of Top Hat, senior stallion at Turner Palomino Ranch.

PHBA Has Successful Meeting in Texas

PALOMINO Horse Breeders of America held in Mineral Wells, Texas, last month the most successful and widely attended meeting and show on record. Every member of the executive committee attended and these were scattered throughout the nation, with Fred N. Duston, Jr., of Bartlesville, Okla., as outgoing president; Ray L. Moore of Briggsdale, Colo., who was elected to succeed him; Jack King of Lincoln, Neb., who was elected 1st vice president to succeed Moore, and the following vice presidents who were re-elected in their former order: Floyd D. Avis, Jackson, Mich.; A. J. Kaufman, Appleton, Minn.; J. E. Mowricker of San Antonio, Tex.; Glen O. Perkins, El Cajon, Calif. Other committeemen included Dr. H. Arthur Zappe, secretary, Mineral Wells, who was re-elected for his ninth successive term; Archie Adams, Jr. of Wichita, Kan.; David Cohen, New Haven, Conn., and Leon H. Harms of Albuquerque, N. M.

Two hundred one members and visitors registered from 23 different states and 130 Palominos were entered in the largest show ever sponsored by Texas Palomino Exhibitors Assn. in the home town of PHBA’s national headquarters. The halter classes for aged stallions in both the Pleasure Horse and Stock Horse Divisions will long be remembered by those who witnessed them. California’s Top Hat’s Golden Splendor, owned by the Jack Turners of Long Beach, was crowned champion pleasure stallion of the show, having placed first in his own class of 13 top contenders which included such former champions as Joe Humphrey’s Sun Ray, J. T. Booth-
Vessels' Ranch

Racing Quarter Horses

We have several stallions at stud both privately and at public service, including Billy Anson, Clabber II, Little Billy Anson and Blue Badger V. From our band of foundation mares we have for sale some outstanding colts and fillies from time to time that we will be glad to show you. We also invite you to our program of races held once a month at the ranch.

Our efforts have been intensified on producing Racing Quarter Horses to fit in with the racing programs so popular all over the West, concentrating on the popular families of the Quarter Horse breed that are not only producing race horses, but also capable ranch and rodeo horses.

Quarter Horses must have speed to accomplish any of their important tasks and therefore the blood that is producing race horses is also producing consistent show ring winners and working horses.

VESSELS' RANCH

Frank Vessels, Owner

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Ghaniha AHC 3438

A few 1948 foals of both sexes for sale.

San Simeon Stables
Hearst Ranch San Simeon, Calif. Preston Dyer, Mgr.
Phone: Cambria 27-Y-3

Are You Interested In Golden Saddlebred Horses?

Fifth annual National Golden Show Springfield, Missouri October 1-2
First annual National Golden Saddlebred Sale Springfield, Missouri October 1

Both events sponsored by American Golden Saddle Horse Association Dedicated to the development of the Golden Saddlebred horse

membership $10 per year, including a one year subscription to the official publication Golden Gaits.

Address all inquiries to B. L. Mahaffey, President Bolivar, Missouri

APPALOOSA CHAMPION — Bonnie, registered Appaloosa mare named champion Appaloosa mare at All Appaloosa Horse Show at Lewiston, Idaho, June 18 by C. W. Hickman and W. P. Lehner of University of Idaho. Bonnie is owned by Chub Rainey, Spaulding, Idaho. Photo by Forbes

Remember to say you saw it in Western Livestock Journal

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HORSE ASSOCIATION OF AMERICA, INC.
Wayne Dinwiddie, Secretary
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Date for next year’s meetings and show have been set for the first weekend in June and plans are now under way for holding an All Palomino Show in Mineral Wells instead of in conjunction with the annual rodeo. Classes have become so large that the demand for more action for the numerous horses entered has convinced the local show committee that an All Palomino Show must replace the old.
The above photographs will give you some idea of the quality and bloodlines that we are offering in our sale, September 28, 1949.

Of the 75 offered in our sale, 28 head are brothers and sisters of the above animals; 15 of these 28 head are mature daughters of Dan Waggoner and 13 head are stallions and fillies by Dan Waggoner 1 to 2 years of age. We are also offering 8 yearling sons and daughters of the great Traveler bred stallion, San Siemon P-1810 out of Dan Waggoner mares. These are half brothers and sisters of Joe Barrett.

A number of 1949 foals by the grand champion sires Billy The Kid and Dannie Neal.

Among the mares offered will be several direct granddaughters of the immortal Little Joe, Several daughters and granddaughters of Buck Thomas and several direct granddaughters of Yellow Jacket.

A number of the 1947, '48 and '49 offerings are stock horse Palominos of Dan Waggoner breeding that are eligible for double registry.

We are sure you are familiar with the winning performance of Dan Waggoner offspring in the ring and in working classes of which 38 are individual grand champions. It is our desire and plan to present in this sale the finest concentration of bloodlines and individuals yet offered in any Quarter Horse Breeders sale. All registrations are in AQHA.

You will observe from our catalog that the bloodlines of these fine individuals condense very close up the blood of most of the greater foundation sires such as Dan Waggoner, Billy The Kid, Midnight, Joe Bailey, Yellow Wolf, San Siemon, Peter McCue, Yellow Jacket, Pretty Boy, Rainy Day 13, Traveler and the immortal Little Joe.

The bloodlines of the individuals offered in these lots will improve any band.

Write Either Ranch for Catalog

The Flying W Horse Ranch
DUART D. WILSON, Owner
Vernon, Texas

The Circle Bar A Horse Ranch
TOM & EDITH ABBOTT, Owners
Rt. 8, Box 188, Fort Worth, Texas

Hank Wiescamp, Auctioneer

Buy the Best—They Pay Their Way
For a Fine Fit and Feel

Justin Boots are hand lasted and SEASONED ON THE WOOD.

SPECTACULAR LEAP—Palominos are used for many interesting and important jobs today. One of the most unique is shown above as Harry Watters of Garbenda, Calif., jumps his two Palominos through a flaming horse shoe. This act has drawn wide interest over the country. Photo by Machado.

Horse Tails
By Nick

JUST returned from a long trip, Mr. and Mrs. Jack Turner of Long Beach, Calif., have a lot to talk about. They went to the Mineral Wells, Texas, Palomino show and won the pleasure horse championship with Top Hat’s Golden Splendor. That seemingly not enough, they loaded up and continued to Eaton, Ohio, with Top Hat and his son, to exhibit their silver equipment and compete in halter classes. The net result was that Splendor came off with the parade type horse championship and Top Hat was named premier parade sire. The show had 277 horses in competition with 32 horses showing in one class. Horses came from 18 states, making it probably the largest Palomino show in America this year. On Sunday morning church services were held on horseback. The Turners also report the sale of a yearling Palomino by Top Hat raised by Rosemary Tallant Gebert to Joseph J. Kelly of Cambridge, Mass. Now a Palomino goes to Harvard.

L. E. Young, Visalia, Calif., recently purchased the prominent parade horse and sire, King of the Field, from G. C. Lambert of Los Angeles. This son of The Harvester has already gone to his new home and is thoroughly appreciated by his new owner who is going into the raising of Palominos.

Jack Davis is moving soon to Lodi where he will start a new venture with his son, called the Davis Breeding Farm, where Palominos and Morgans will reign supreme. The horses, including Beau Brummel, El Moreno and Red Vermont, along with the mares and colts, have already arrived at the ranch, creating a great deal of interest.

Jim Fagan, Canoga Park, Calif., exhibited The Harvester at Klamath Falls, Ore., early this month and made a hurried return to fill picture commitments with The Harvester who will be featured in the color film, The Palomino.

Palominos Sell. According to a report from Jim Burgess, auctioneer for the Thomas W. Hintz Dispersal Sale of Palominos at Tracy, Calif., May 22, the three top stallions averaged $1,108. A black stallion foaled in 1943 topped the sale going to Mrs. G. Chamberlin, Glendora, Calif., at $1,200, with Silver Rey being purchased by Vera Cox of San Francisco at $1,075, and Golden Rey going to C. N. Wade, Martinez, Calif., at $1,050. The entire group of 37 head averaged $233.50 including a group of weanlings.

Paul Herrington, Moorpark, Calif., reports several foals this year out of his mares, including a Palomino horse colt from Serenata, a Palomino filly sired by Pure Denmark out of Desert Anita, his former Palomino show mare and a chestnut filly by Pure Denmark out of Desert Miss. He reports good demand and reasonable prices for his horse with several sales pending as this issue goes to press.

Glen O. Perkins was re-elected president of the Palomino Exhibitors Assn. of California, affiliated with PHBA, at the annual meeting, with Dr. Carlton H. Williams, 1st vice president, Lyle V. Williams, 2nd vice president, and Mrs. Gertrude Bradford, secretary-treasurer. State directors elected were Mrs. Gerald Gray, Walnut Creek; Dr. Carlton Williams, La Mesa; Lyle Williams, Los Angeles; Mrs. Don P. Mezzanatto and W. D. Borg of Los Angeles, along with Perkins and Mrs. Bradford.

Mrs. Gerald Gray recently purchased El Cajon and Top Flight from Glen Perkins, according to reports, Governor Dan E. Garvey of Arizona has his picture taken with two other Pima County Sheriff’s Mounted Posse members, left Al E. Posner and Sheriff J. P. Martin.
COW PALACE DIRECTOR—Wilson Meyer of San Francisco, president of Wilson & Geo. Meyer & Co., pioneer California distributors of agricultural chemicals, has been appointed by Governor Warren to be a member of the Board of Directors of No. 1-A District Agricultural Assn. In addition to his connection with agriculture through his agricultural chemical interests, Mr. Meyer has long been active in the horse show field. He served as a director of the 1939 and 1940 Golden Gate International Exposition, serving on the Exposition’s horse show committees. He has also been a director of the Menlo National Horse Show.

after she sold Golden Flight. Bill Borg has a Palomino colt out of one of his registered Quarter mares sired by Candy Joe.

New Colt. Harold Daken of Long Beach, horse show manager of the Los Angeles County Spring Fair reports a Palomino colt at his ranch. The colt is sired by Top Hat and out of a top roping mare of Thoroughbred and Morgan bloodlines.

At Bellflower, San Vicente Tip came in for honors in the Palomino pleasure horse class by winning the event for Phil Davis, owner of Val Day Ranch at Reseda, Calif. Peakine’s Airy Fair, owned by Lingdooley Ranch at Santa Paula, won the fine harness class with T. A. Goodnight’s Cream of Wheat Jr., second. By the way, Tom Goodnight’s top two horses are now being stabled in California and will be shown this summer at the shows. Jim Fagan recently purchased the Talisman from Tom and has him at his Canoga Park ranch now. The Palomino matched pair class went to Gracious Lady and Honey Harvest, owned by Willard Beanland and Helen Hird respectively and the parade horse class went to The Talisman, Chee-Chee, owned by Golden Top Ranch, won the cutting class.

R. A. Marsden of Fullerton has become interested in Tennessee Walking Horses along with his Palominos and as a hobby is developing a sizable group of mares. He and Mrs. Marsden have made two trips to Tennessee, visiting horse ranches and sales. Last September they purchased Lady Bea-

Ferndale Quarter Horse Quality certainly counted and will continue to count with these buyers in our first annual Breeders’ Opportunity Sale last month:

Walter Muller ................ Hollywood
John J. Pond ................ Shandon, Calif.
Helen Bullock Chappellier ..... Pacific Palisades, Calif.
John Madill ................. Big Timber, Mont.
T. E. Connolly ............. San Francisco
Nick Meagher ................ Vernal, Utah
Diamond H Ranch ............ Salinas, Calif.
Ray R. Sence ................ Sun Valley, Calif.
Mrs. Jeannette Wredek ...... Santa Margarita, Calif.

Paul Whitsett ............... South Laguna, Calif.
Mr. & Mrs. Jack Harper ...... Hanford, Calif.
Lou Kosloff ................ Hollywood
Roy P. Harrgrove .......... Pacific Palisades, Calif.
Mary Louis Thrall .......... Orange, Calif.
John E. Hoerner ......... Burbank, Calif.
Robert Mettler ............ Shafter, Calif.
G. W. Walcott ............. Ventura, Calif.
W. A. Neely ................. Hollywood
Frank Meyer .......... Balboa, Calif.
W. A. Thompson ...... Visalia, Calif.

Attendance and bidding certainly justified our presentation of some of the best breeding and individuals to be found in Quarter Horses anywhere. We are appreciative and want you all to come back often to see and get Ferndale Quality.

ARABIANS
Mares, Fillies, Colts and Stallions Available.
Delivery possible.
ARABI KABIR
AT STUD
LOYD F. SILVA
287 Union Avenue
Grants Pass, Oregon

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Mares, Fillies, Colts and Stallions Available.
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ARABI KABIR
AT STUD
LOYD F. SILVA
287 Union Avenue
Grants Pass, Oregon
There is no secret about where “workin’” Quarter Horses come from! They are the product of breeding the blood that produces workin’ horses to the same kind of stock. That is what we have done and it is true, that is where they come from.

If you are in the market for show horses that can do something, drop in to see us on your vacation, we will welcome you and enjoy showing the horses to you. We take pleasure in showing you our mares, stallion and young stock along with the finished workin’ horses we have.

RANCHERIA RANCH
Box 33
CLOVERDALE, CALIF.

MISS BEA PCQHA Grand Champion Mare
Was Foaled at Our Ranch
Yes, She’s the Kind

we are raising. We own her dam and have other mares like her that are producing top individuals sired by some of the most prominent sires in the Southwest.

We are raising horses to do things, horses with Quarter Horse bloodlines that can and do stand up to their breeding in working ability.

Come and see us when you are in the market for good Quarter Horses.

VOLNEY HILDRETH
ALEDO
TEXAS

Home of Champion Halter and Champion Cutting Horses
Flying H. and Bitsy H.

con, one of the few living daughters of Roan Allen, and her filly Joy Stammer, winner of the futurity class at the Walking Horse celebration at Shelbyville. They also purchased Merry Legs Again, a daughter of Dement Merry Legs, bred to Midnight Sun, 1945 and 1946 World’s Champion. Merry Legs Again is being crossed with Merry Go Boy this year. A few mares have been kept in Tennessee to allow for crossing them with some of the top stallions of the breed. By careful selection and crossing they believe that they will arrive some day with an outstanding individual based on the adage “You can’t get a silk purse out of a sow’s ear.” Another top mare the Marsdens praise is La Belle Merry Legs, a mare with nearly blue-black body color, white mane and tail and beautifully conformed.

Dinsmore Addresses Palomino Horsemen

Mr. and Mrs. Wayne Dinsmore of Chicago attended the annual meeting of Palomino Horse Breeders of America in Mineral Wells, Texas, June 3-5.

Dinsmore has for many years been secretary of the Horse Association of America and his appearance at any meeting is always a highlight. He discussed “Broadening Markets for Palominos” and congratulated the association on the progress made during the past eight years.

He stressed the advisability of knowing the bloodlines of all sires and dams and cautioned against inbreeding until Palominos had been bred that could beat the best horses of their respective types regardless of color.

He advised that the best way to create a market for Palominos was the establishment of safe, adequate riding trails and outlined possible procedures for accomplishing this.
FITTING AND SHOWING HORSES

By C. E. HOWELL
University of California, Davis

The purposes or ideal of showing horses at a fair are many. An understanding and appreciation of these purposes should enable the exhibitor to attain the greatest good from fitting and showing an animal. The most important function of a horse show is to establish ideas of type or standards of perfection for the guidance of breeders and especially for the beginners. Horse shows should stimulate interest in horses and horsemanship and promote the industry by affording the best means of advertising. It should entertain the public and furnish a high-class sport for the exhibitors.

Fitting horses for the show ring consists of schooling them for a creditable performance and feeding and grooming them into condition and bloom in which they make the best appearance.

Breeding classes are shown "in hand" either with a lead bridle, on the lunge rein, or in a halter. This equipment should be neat and attractive. It should be properly adjusted so that it fits the animal. A sloppy ill-fitting bridle or a large rope out of all proportion to the size of the halter or the animal or too long a lead shank are unsightly and detract from the appearance of the animal.

Exhibitors are at all times in the show ring subject to the directions of the ringmaster, who acts under the instructions of the judges.

It's an Art. The exhibition of horses is an art and should be done in an artistic, pleasing manner. The horse should be controlled with a quiet voice. Loud shouting, jerking on the halter, or whipping and beating horses should not be tolerated in the show ring. The training of the horse should be done at home and bad habits corrected so that the animal will have excellent manners when presented before the public.

The most important thing is to start with an animal that gives considerable promise of developing into a good type individual or at least be capable of improvement so that it may approach the standard of perfection. Time, feed, money and a lot of hard work is wasted in trying to fit a scrubby, non-descript animal in which there is little hope of much improvement.

Fat covers up a multitude of weaknesses. All show horses of whatever type should be fat in some degree. This does not mean that the animal should be "overdone" or "hog" fat. A thrifty, healthy, solid condition is to be preferred. A skinny emaciated animal has no place in a show ring.

Normal Practice. The usual procedure in showing the breeding class is to have the exhibitors lead the animals in the ring and line them up all facing in the same direction. Then each individual is brought out of the line, one at a time, and first moved at a walk in a straight line away from the judge. The distance should be from 75 to 100 feet. Stop the horse and turn it...
around in the same place. Do not make a large wide circle in getting the animal turned around. Then walk the horse in a straight line toward the judge. Then the horse is moved in the same manner at the trot. The distance at the trot should be 100 to 150 feet in order to show the action of the horse to best advantage. The lead strap should be carried in the right hand and the exhibitor is on the left side of the horse. Take a hold on the lead strap about 12 to 18 inches away from the horse's mouth.

This training, or going through the motions of showing, should be practiced many, many times at home. The horse then knows every move and word of command and will make a pleasing performance. After showing the animal before the judge, lead it back in line or the place directly by the ring master and stand him up on all four feet and keep on showing or posing the horse as though it were a model class. Never quit showing from the time the animal is led from the stall into the show ring until he is back in the stall again. Even though the judge may not always have his eyes on your horse, the spectators are there to watch a pleasing performance. It will not be very pleasing to them if the exhibitor is not neatly dressed or stands in a slouching manner or if the horse is allowed to droop its head and almost go to sleep. Take pride and pleasure in presenting the horse to the public. Do not try to attract attention to yourself. Remember, it is the horse that is being exhibited and not the exhibitor.

Palomino Brochure—

The Palomino Horse Association announces the publication of a new, attractive, 16-page brochure which covers the activities of the Palomino Horse Association along with other important information on the Palomino.

The policies of the Palomino Horse Association are set forth together with rules for registering Palominos and the qualifications of the Golden Horses. The general rules for judging and showing of Palominos as outlined under the American Horse Shows rule book for 1949 are also included. Another important feature in this brochure is the defining of the model Palomino with an attractive illustration in color of the model type.

Spoilin' The Hands
By S. OMAR BARKER

Now women at the wagon on the roundups long ago
Was something old time cowhands didn't hardly ever know.
But now they visit often, an' for goshamighty's sake,
Demoralize them buckaroos with sillabub an' cake!
FOR SALE

Sons and daughters of Lightning R and Midight Jr., both A.O.H.A. stallions. Out of our large herd have been sired some of Oregon's top rodeo horses.

Donald M. & George E. Smith
Star Route, Merrill, Oregon

EL CORTIJO

ARABIAN FILLIES

ARABIAN COLTS

Charles & Donald McKenna
Box 128
Claremont, California

PHBA SETS UP NEW PALOMINO DIVISION

By DR. H. ARTHUR ZAPPE

BREEDERS attending the national meetings of Palomino Horse Breeders of America were high in their praise of the new breed division set up in the records by the executive committee last January. There have been transferred to this division all horses now registered foaled of the matings of Palominos to Palominos, save and except the double registered Saddlebreds, Tennessee Walkers, Morgans and Standardbreds; all horses now registered of 50% or more of Thoroughbred or Arabian bloodlines and all those foaled of sires or dams registered in the American Remount Association.

Such registrations are to continue for a period of three years from June 1, 1949, but after three years there will be registered into the breed division only those horses foaled of PHBA sires and dams, save and except double registered Saddlebreds, Tennessee Walkers, Morgans and Standardbreds; and only those horses foaled of PHBA sires and Thoroughbred, Arabian and American Remount Association dams, or vice versa. In other words, after June 1, 1952, all horses registered into this division must have registered sires and dams.

ARAB FILLY — According to Elmer Hoover, San Luis Obispo, Calif., shown in this picture with his 2-day-old Arabian filly, she is telling him that San Luis Obispo is a good place to live.

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CURBS, SPLINTS, RAPID TENDONS.

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In NOCONA cowboy boot making is a traditional art handed down through generations. Here in the world's most modern boot factory overlooking the site of the Chisholm Trail, NOCONA Boots are being made to faith and friend. Made in NOCONA, Texas, by the NOCONA Boot Company. (End Justin, Texas)

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SKIN CONDITIONER

Formerly Known As "Magic Tail Grower"

Mane-Tail-Groom

A valuable treatment for Sarcoptic Mange and Sarcoptic Mange of Horses. Dissolves Loose Dandruff Scales, Leaves No Sticky Film on Hair. (Will Not Steal a White Mane or Tail!)

1 pt. 5 oz. bottle $2.50

Shapley's "Hi-Shine" Cold Water Shampoo, 21 oz. bottle $1.50

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Everyone Admires a Magnificent Horse

That's why BIN-BASHI 2636 has so many admirers in and out of the Arab Breed. He springs from Arabian Nobility... that's why he's so impressive as a sire and so popular. His sons and daughters for sale. Visitors always welcome. Rancho located on North Avenue, 3 miles east of Overpass on US Hiway 99, Office phone 3-9492; Ranch 4-7773.

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For Sale
GOLDEN BOSS
PHBA 6203

Twice Grand Champion at the Los Angeles All Palomino Show, and winner of countless Blue Ribbons, Golden Boss is now in his prime. He has won six Blue Ribbons so far this year at the Midwest National, Bar-O National, etc.

Producing Excellent Get

Golden Boss PHBA 6203
1963 4th
San Diego, Calif.

DR. C. H. WILLIAMS

EDEL BROCK'S PROFESSIONAL LARIAT ROPES

The rope used by professional ropers and by cattlemen on the range. A rope that can really stand the gaff. Yacht silk Manila lariat made by one of the leading rope manufacturers for nearly 100 years. Good balance, smooth, with lots of life.

24 thread scant 3'-8" $2.40 — 30 Ft. 8c ft
27 thread 3'-8" 2.70 — Ft. 9c ft
30 thread scant 7'-16" 3.00 — Ft. 10c
33 thread 7'-16" 3.30 — Ft. 11c
36 thread full 7'-16" 3.60 — Ft. 12c
39 thread scant 1'-2" 3.90 — Ft. 13c
42 thread 1'-2" 4.20 — Ft. 14c

Any length rope available at above prices per foot.

UTILITY MANILA LARIATS FOR GENERAL USE
3'-8" $1.50 — 30 feet 5c foot
7'-16" 2.25 — 30 feet 7'/8 feet

Enclosed check for $... Money order... Send C.O.D.

MAIL THIS COUPON TODAY

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517 W. Palo Pinto
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Please send me... 30 foot lariats
Professional □ utility □ (check)
Size (thread or inches)
More loops (check if desired)
One length (check if desired)

Enclosed check □ Money order □ Send C.O.D. □

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Address...
City... State...

Registered only in PHBA and in the Jockey Club, the Arabian Horse Club and the American Remount Association, save and except that double registered Saddlebreds, Tennessee Walkers, Morgans and Standardbreds shall not be eligible for this division.

Established Types. The reason for excepting these four last mentioned breeds is that the Palominos already registered into the four divisions covering them are established types and their breeders are not interested in trying to change them, and those divisions in the registry will be maintained just as they have in the past. Since no horse is eligible for the breed division unless it is foaled of Palomino to Palomino matings, except of course those of Thoroughbred and Arabian bloodlines which are admitted thereto, there would be barred under the rules only those Palominos in these four divisions which were foaled of two Palominos, and at this time there is not even one such Saddlebred, Morgan or Standardbred, and only five Tennessee Walkers.

Into the Palomino pleasure horse now so popular in the North and East has gone more American Quarter Horse blood than any other fixed type, but again the forebears of these horses are almost indistinguishable from the old time Western sires and dams of the Palomino. This is not surprising since approximately 80% of the Palominos in PHBA were bred in the cattle-raising states. These Palomino pleasure horses differ from the Palomino stock horse which was trained only, since their bloodlines, their conformation and their attributes are essentially the same. In many Palomino pleasure horses, however, there is an appreciable amount of Saddle Horse, Thoroughbred and Arabian blood.

The Palomino parade horse is mostly a mixture of American Saddlebred and Thoroughbred blood. The Arabian and the Thoroughbred cross is found in some, but the show records reveal among the winners, mostly the Saddlebred-Thoroughbred cross. Because of these three predominant types within the registry, and because they constitute more than 95% of the horses registered therein, the breed division is dedicated to fixing the color and establishing the Palomino as a Western type.
When Is a Pig Too Hot?

New Study Gives Important Data on Temperature and Gain Relationship

By HENRY J. BECKMAN

Swine growers, especially those who produce finished market hogs, have long been concerned about the comfort of their animals in hot weather. Sudden and unexpected rises in temperature often result in death losses where proper precautions are not taken for the safety of the animals. Just when a hog is too hot to make satisfactory gains is not easy to determine under ordinary ranch conditions.

Some exceedingly valuable data has recently been developed at the University of California, Animal Husbandry Department, Davis, by Hubert Heitman Jr. and E. H. Hughes. When the facts of this study are applied to the feeding and care of fattening hogs a considerable saving of both time and feed should be made. The study had to do with the effect of changes in environmental temperature and humidity on the body temperature, respiration and pulse rate in swine.

As long as 60 years ago it was determined that it took about 25% more feed for pigs in the open without protection in winter than it did for those housed in the basement of a warm barn. In 1904 it was discovered that sows kept in individual small houses took about 25% more to keep than those housed in the regular brood house.

Air-Conditioning. In the experiment at Davis recently, pigs of Duroc Jersey or Poland China breeds, or their first generation crosses, were placed in a psychrometric room 9 by 14 feet by 7 feet high. In this chamber, which is insulated and air-conditioned, the air motion, as well as the temperature and relative humidity, were controlled.

The pigs were fed twice a day as much as they would clean up without waste. The ration was barley 77 parts, soybean meal 12, alfalfa meal 5, salt 1, oyster shell flour 1 and spent bone black 1, plus a vitamin supplement.

Before the experiment was started the pigs were acclimated for a week at 70 degrees F. in order to get them accustomed to the environment. Then the air temperature was changed to that desired for the test and held as constant as possible throughout the test period, which was usually about...
seven days. Readings of rectal body temperatures, pulse and respiration rates were taken twice daily, and six trials were made.

The thing that should interest the average feeder most is the difference in the amount of heat that a feeder pig can stand compared with a heavier hog. This may be a matter of considerable concern if there are hogs of all sizes in the fattening pens in hot weather. Young, active feeder pigs may usurp the best and coolest quarters and, if the heavier hogs try to displace them, fights ensue that will quickly exhaust heavy hogs in extremely hot weather. This matter of sorting hogs by sizes and weights is always important in the matter of handling and in gains. Hot weather adds to the importance of it.

In the trials under review pigs under 150 lb. stood a higher temperature without discomfort than those above that weight. The lighter weight could be kept at a temperature of 115 degrees but it was not possible to keep the heavier ones much over 100 degrees. (The air motion in this chamber was 20 to 30 feet per minute.)

Feed Consumption. Of special interest is the rate of feed consumption in varying temperatures. When the air temperature was increased from 40 to 100 degrees feed consumption decreased and the rate of decrease was faster at higher temperatures. Rate of gain followed a similar pattern. In the case of 166 to 260 lb. hogs, the most rapid gains prevailed at a temperature of around 60 degrees. Tests on pigs weighing 70 to 144 lb. showed most rapid gains at temperatures of around 75 degrees. The difference here is significant. It is also significant that the amount of feed required to produce 100 lb. of gain was lowest at the time when the rate of gain was highest. Variations from these temperatures in both cases resulted in a decrease in the utilization of feed.

A part of the Davis trials was devoted to studying the effect of water on feeding floors on the comfort of pigs. Hogs weighing 250 lb. were kept on a dry floor at a temperature of 90 degrees with a relative humidity of 35%. Later a trickle of water was run across the floor at the rate of 4.5 gallons per hour for seven days. This resulted in marked increases in the rate of gain and a reduction of body temperature of 1.5 degrees F. The respiration rate was only about 30% of that when on the dry floor. It was possible to raise the air temperature up to 115 degrees without seriously distressing the hogs whereas on the dry floor the same animals were seriously distressed at 100 degrees.

The difference indicated here is rather important to commercial producers who operate in areas where temperatures reach above 100 degrees at times. Water is usually not expensive but it is quite often inconvenient to get it to the hogs when they need it most and most feeders dislike to begin the practice of providing water on floors because hogs, in ordinary ranch feeding practice, do not seem to stand heat well if they have wet quarters some days and dry ones other times. Also, in ranch practices the resting shelters may be set up at some distant place where it is desired to have the fertilizer distributed by the hogs themselves and water may not be available there. These are ranch and feeding factors and are in no way related to the experiment under discussion.

Grow MORE Hogs for California's Short Pork Supply!

BUY BRED SOWS and GILTS in the PORK PRODUCERS' SALE,

MADERA FAIRGROUNDS, NIGHT of AUGUST 12th, OPEN to ALL BREEDS

THINK THIS OVER!!

The favorable relation between consumer demand and pork production in California has created a preferred market for finished hogs here, higher than at any of the Mid-West markets. As a result, few agricultural products hold a more dependable promise of profits to producers than does pork production, a year-round industry in this state, operating under conditions of climate and feeds, where pork can be produced as economically as in any other section of the country.

Diversify your ranch operations with hogs for a quick turnover on a conservative investment basis. Take your choice of breeds in this sale of select entries where you as the buyer set the price on registered breeding stock.

Request sale catalogs of Rolla Bishop, Sale Manager, Porterville, Calif., and watch for more details of the offering in issues of the WEEKLY Western Livestock Journal. Sale headquarters in the Hotel Aragon, Madera.

CALIFORNIA PORK PRODUCERS' ASSOCIATION

Arch Bassett, President. Virgil Groves, Secretary.
CALIFORNIA SUMMER SALE of HAMPSONIRES

TULARE FAIRGROUNDS

NITE OF AUGUST 19

CALIFORNIA HAMPSHIRE SWINE ASSOCIATION
L. F. Corbett, Pres., Oakdale, George Hensley, Secy-Treas., Rt. 2, Box 785, Sanger

Cream of the Breed!

BRED GILTS and SECOND LITTER SOWS, YOUNG BOARS and OPEN GILTS of most popular bloodlines, selected from leading herds. The one breed with demand consistently to support two sales a year in California. This auction features an FFA showmanship contest. Follows a dinner in the Fairgrounds Cafeteria at 5:30 P.M. Make your plate reservations of Secretary Hensley. File your catalog request with LEO TOS, sale committee chairman, Route 1, Box 277, Hanford. George Bell, Auctioneer.

CALIFORNIA HAMPSHIRE SWINE ASSOCIATION
L. F. Corbett, Pres., Oakdale, George Hensley, Secy-Treas., Rt. 2, Box 785, Sanger

White Oak Hampshires

THANKS to recent customers: Phil Possom, Tulare, four bred gilts; Chas. Parker, Selma, a boar; a gilt each to Ralph Cook, Marvin Day, Melton Wells and Rudolph Wells, all of Selma.

CONSIGNING to both the California Hampshire and Pork Producers' Sales. Entries will be identified in following ads.

Visitors welcome.

GEORGE HENSLEY, Route 2, Box 785, Sanger, California

Alto Hampshires

CONSIGNING to the PORK PRODUCERS' SALE, NIGHT of AUG. 12 at MADERA:

A Bred Gilt by Adobe Roll Your Own and out of a dam by Tops. Would like to send more, but private demand has been very strong.

CONSIGNING to the STATE HAMPSHIRE SALE, NIGHT of AUG. 19 at TULARE:

A Young Boar by Tops and out of an Adobe Roll Your Own dam. Two Bred Gils, one by New Key 4th and out of a Glory Transformation dam; the other by Adobe Comprest and out of an Adobe Roll Your Own dam.

Championship blood in both events. Visitors always welcome at the ranch.

ADOBE RANCH
Chas. Floto, Mgr.
Arch Bassett, Supt.
Madera, California

CROCKER HAMPSONIRES

TWO CHOICE BRED GILTS in the STATE SALE at TULARE, NITE of AUG. 19

Agnes Rainbow, three generations removed from one of the foundation White Oak sows on which the herd has been built. Carmen Cutie, out of White Oak Cutie, one of the best sows purchased from Geo. Hensley. Both sired by our good breeding son of Western Bound and both in pig to Trio's Post Pride, the Shining Post boar that we bought as the top of the February state sale, combining Lettow and Shadeland blood.

Furthermore, our best spring gilt will be awarded the winner of the Junior Showmanship Contest at the close of the auction.

Roy P. Crocker Ranch
C. L. Dillenbeck, Mgr.,
Route 1, Box 291-A, Saugus, Calif.
Phone 8735-J-5

TRIANGLE HAMPSONIRES

SEE OUR TRIO in the California Hampshire Sale, Tulare Fairgrounds the Night of AUGUST 19:

Two Bred Gilts and a Young Herd Boar ... One daughter of Grand Shine On and out of A Block Square dam, in pig to O'Boy Perfection ... One daughter of O'Boy Perfection from a Sir Golden Bay dam, also bred ... A Boar Pig sired by Mischief Superior. See the catalog for more details.

Thus, our leading sires are identified with our consignment. Foundation hogs and boars for commercial use always for sale privately at the ranch.

A. J. (Bud) SAMPLE, Owner
HELM, FRESNO COUNTY, CALIFORNIA
Phone Burrell 2Y5

GRATE HILL HAMPSONIRES

IN THE STATE SALE, TULARE FAIRGROUNDS NITE OF AUGUST 19

Four Bred Gilts, all daughters of Jubilo Jim and out of sows carrying Lumberjack influence. In pig to a son of Timber from Field & Christensen. Also, a Junior Boar by the same sire and out of a Lumberjack sow.

HOMER DAVIS
Rt. 1, Box 48, MOORPARK, CALIF.

July 15, 1949
WIL-DO Offers

In the CALIFORNIA PORK PRODUCERS' BRED GILT SALE
MADERA FAIRGROUNDS, NITE of AUG. 12:

Wil-Do RD 82110 by Rojo Doug and out of Queen Tanbark, the last chance to get a daughter of our "Queen." She's from a litter of 14 and bred to Golden Harvest, a young boar who no longer needs to rest on the laurels of his illustrious sire, Golden Era.

Wil-Do HPB 80112 by Hyland Belle Drummer and out of Rojo Ruby, from a litter of 10 and bred to Double Indemnity. The Right Kind; the Right Color—Wil-Do.

WALDO W. WEETH, Owner, COALINGA, CALIF.
Phone Coalinga 311-R-1

Let your Highest Achievement of Yesterday be your Starting Point of Tomorrow

MONACHE POLANDS in PORK PRODUCERS' SALE

In the auction at Madera, the night of Aug. 12, we are listing TWO FULL SISTERS to the sensational grand champion COW PALACE BARROW, both in pig to Farm Tribune. Young stock for sale privately. Visitors welcome.

ROLLA L. BISHOP
PO Box 213 • Phone 168-W
Porterville, California

SOMETHING SPECIAL

MONACHE POLANDS in PORK PRODUCERS' SALE

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boars and gilts has recently been sold from the Porterville herd of A. D. Glaves & Son to Hermann Parker of Strathmore, Calif.; Frances Echenique of San Lucas, Calif.; Austin Bal-aam of Yerenton, Nev.; E. C. Giss of Lodi, Calif.; Donald W. Nelson, for his ranch at Pixley; Emil Mochardchower of Wasco, Calif.; Robert Dunbar of Porterville, Calif.; Rafael Castillo of Porterville, Calif.; and Victor Casarette of Merced, Calif.

At the Cow Palace show of 1947, Lamond Woods of Stratford, Calif., won an FFA scholarship and has since completed his second year at Cal-Poly. Meantime, he has been building a herd of registered Hampshires on his 4-H foundation and is regarded as one of the most promising among the juniors in the state. George H. Hensley of young Woods, whereby some of the hogs have already been transferred to White Oak and Woods will assume much of the responsibility for the operation of the White Oak Ranch and herd. This appears to be a fine combination of resources and abilities, equally beneficial to both parties.

**Coming Events**

July 20-23—L. S. Sanborns Registered Polled Hereford Sale, Meridian, Calif.
Aug. 5—Junior Fat Show, Ogden, Utah.
Aug. 16—Gibbs Ranch, Quarter Horse Sale, Mackay, Idaho.
Aug. 12—California Pork Producers' Sale, Madera, Calif.
Aug. 15—Pacific Coast Aberdeen-Angus Assn. Sale, Santa Maria, Calif.
Aug. 19—Duroc-Jersey Swine Sale, Pendleton, Ore.
Aug. 20-29—San Joaquin County Fair and Live Stock Show, Stockton, Calif.
Aug. 22-28—Los Angeles County Livestock Show, Susannville, Calif.
Aug. 27—Dorper Angora Production Sale, Oregon, Wash.
Sept. 1—San Fernando Valley Fair, Devonshire Downs, Northridge, Calif.
Sept. 2-5—Elko County Fair and Livestock Show, Elko, Nev.
Sept. 4—Elko Bull Sale, Elko, Nev.
Sept. 13—Pulscher Hereford Dispersions, Grany, Calif.
Sept. 15-18—Butte County Fair, Gridley, Calif.
Sept. 16-Oct. 2—Los Angeles County Fair, Pomona, Calif.
Sept. 16—Burns Hereford Bull Sale, Burns, Ore.
Sept. 18—Wallowa County Hereford Breeders' Sale, Enterprise, Ore.
Sept. 21—King Merritt Quarter Horse Sale, Federal, Wyo.
Sept. 25-Oct. 2—New Mexico State Fair, Albuquerque.
Sept. 29—Bakersfield Frontier Days' Assn. Horse Show, Bakersfield, Calif.
Sept. 29—Tulare County Cheen Creek Ranch Dispersions, Cody, Wyo.
Sept. 16-Oct. 2—Madera District Fair, Madera, Calif.
Oct. 3—Happy Horse Farms Dispersions, Lodi, Calif.
Oct. 4—Fresno District Fair, Fresno, Calif.
Oct. 7-15—International Livestock Exposition, Portland, Ore.
Oct. 9-16—Dillon Hereford Show & Sale, Dillon, Mont.

**HEREFORD HOGS**

Our consignment to the California Pork Producers' Sale, Madera, Night of August 12

ONE OF OUR FINEST FALL GIANTS, goes back to grand champions and is linebred on both sides. Furthermore, the litter she is carrying is of the same linebreeding background, being in pig to Hoaks Chief, a junior yearling boar from the 8-penny herd in Ohio. This gilt will surely make a great brood sow, one we would like to keep in our herd. She is out of a litter of nine farrowed and raised.

D. R. HOAK
P. O. BOX 108
FRESNO, CALIF.
"THE HOME OF CHAMPIONS"

**OAKGLEN DURUCS**

State certified herd. Be sure to see our TWO GILT ENTRIES in the Pork Producers' Sale, Madera, Aug. 12, both from PR dams, one a 4-Star dam.

R. E. BOWER, Mariposa, Calif.

**BERKSHIRES**

SPECIAL ENTRY: BESEECH FOR A DISPLAY of Berkshire Gilt. (To farrow in September)

BRED TO: Junior Champion Bear 1948 State Fair, From PR Sew. FARMINGTON CALIFORNIA

**DUROC GILTS**

Offered for Sept. farrow. Two such in Producers' Sale. We pay the express.

DUDLEY-PARKER RANCH
GAZELLE, CALIF.

The Hog of Tomorrow. Registered, Bacon-Type Yorkshire Visitors welcome at all times. RANCHO SANTA YNEZ Solvang, California

**DOLLAR BILL**


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Now NEW Range Mintrate Cubes

A Concentrated Concentrate for cattle, to balance commonly used range feeds

Now MoorMan's brings to Western ranchers and farmers the latest scientific development in feeds—a new flexible balancer—Range Mintrate.* This new concentrated concentrate is available in Cube form—can be identified by a distinctive red color. Range Mintrate Cubes were developed especially for Western feeding—supply protein and mineral variety that help produce better-fleshed, thriftier beef at less cost and in less time.

Range Mintrate contains:

1. A variety of 5 proteins—PLUS UREA, famous protein "booster"—to provide a combination of the amino acids necessary for best protein-feeding results.
2. MoorMan's famous Minerals for Range Cattle—a highly concentrated and balanced combination of 12 mineral ingredients developed specifically for Western cattle, and including all the mineral ingredients they need.
3. An extra large supply of Vitamin D—the Sunshine Vitamin—necessary for growth and thrift.

Used as a "balancer," New Range Mintrate was developed for either feeding alone to balance range grasses, or for use with cotton-cake, or other oil meals usually available.

How to feed it. We recommend Range Mintrate Cubes be fed in addition to other proteins. Good results can also be obtained by feeding the Cubes alone.

Exceptional results make cost low. Recommended wherever Western cattle need proteins—for wintering on the range—and for the smooth, show-ring finish that wins top prizes. Yet, because Range Mintrate* is so highly concentrated and contains only needed proteins, minerals and vitamins, you'll be amazed at its low feeding cost. Ask your MoorMan Man or write Dept. H-7 Moorman Mfg. Co., Quincy, Ill.

*MoorMan's makes 6 other Mintrates (mineralized protein concentrates)—3 for poultry—1 for hogs—1 for dairy cattle—another for beef cattle. All are designed for balancing local feeds—produce amazing, money-saving results.
Minerals build meat on the hoof

Growing animals that receive adequate phosphorus and calcium (the minerals most often lacking in feeds), make greater gains per unit of intake ... finish-off better ... pay-off better at weigh-in.

Digesta-Bone supplies ample phosphorus and calcium in readily digestible form and good c/p ratio. It helps improve feed utilization ... speeds gains ... promotes health, growth and finish. Excellent also for breeding animals and pregnant cows.

DIGESTA-BONE • 14% Phosphorus • 30% Calcium • 5% Protein
The highest quality sterilized steamed bonemeal
RATED "TOPS" FOR ANIMAL FEEDING

There is NO Substitute for

DIGESTA-BONE

Provides ample phosphorus at a cost of less than 1/2 cent per day per steer

On the range feed DIGESTA-BONE at the Water Hole

Give your herds free access to a 50/50 mixture of Digesta-Bone and Salt. This mix supplies all three minerals commonly lacking. Most often it is the only supplemental mineral ration they need.