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Feeders Report:

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Western feeders know from actual experience that it takes the right supplement to put on extra pounds of meat...to finish cattle for market earlier...to develop the bloom that brings top prices. That's why so many cattlemen depend on Larro "Farm-tested" Cattle Fattener. It provides the full nutrient balance animals need to make the most of forage and grain. And being an efficient feed, cattlemen have found that they get excellent results with a minimum amount of feed. Let your own feeding experience prove the extra value of Larro Cattle Fattener...order from your Larro dealer today.

General Mills

Larro

CATTLE FATTENER

Address Dept. 63 at our nearest office—Detroit (2), San Francisco (6), Chicago (4)

Buy at the Bullseye!
We now have available approximately 15 beautifully bred open heifers for sale as a lot or individually. They are reasonably priced from $500 to $1000 each or $10,000 for the lot of 15. You may purchase these heifers, open or bred, (guaranteed safe in calf) to any one of our three nationally known, proven herd sires: TT PROUD PRINCE, MW LARRY DOMINO 47th or MHR HELMSMAN 1st. We will be happy to send you pedigrees and further information on one or all of them. For your convenience tear off and send in this coupon.

Your OPPORTUNITY to perhaps get a herd sire at a BARGAIN PRICE

The AMERICAN HEREFORD ASSOCIATION recently ran the following wonderful and constructive advertisement in TIME magazine:

Just Thinking...of Three Men and Their Money

If sold as a calf, the profit would have been $175, or the interest rate, 38.8%. However, this man gave the calf extra care and feed and it became a $375 yearling which returned a $225 profit. That was 50% on the cow investment, and with added skill in management could have been more.

With approximately 2,000,000 registered Herefords already returning rich dividends, no wonder the "smart" money in all parts of America is being increasingly invested in Hereford cattle.

THE BEEF BREED SUPREME

You can depend on PROVEN Sires

TT PROUD PRINCE
MW LARRY DOMINO 47th
MHR HELMSMAN 3rd sire of MHR HELMSMAN 1st

15 Choice Heifers FOR SALE
with the **NEW** McCormick Field Hay Chopper

You can make hay or grass silage, when the crop is at the peak of perfection, with the new McCormick No. 75-P field hay chopper.

In one operation, you can (1) pick up your grass or green hay crop from the windrow, chop and blow it into a wagon or truck for hauling to the silo. (2) Pick up and chop green hay for barn drying. (3) Field-chop dry hay, ready to blow into the barn.

The McCormick field hay chopper has a 54-inch pick-up cylinder that sweeps the windrow clean. It chops the crop even and cleanly. Adjustments are available for lengths of cut from \( \frac{1}{2} \) inch to 4 inches. A swivel elbow on the elevator allows side or rear loading...assures proper loading position when turning corners so that no feed is wasted.

The chopper is driven from the power take-off...pulled by a Farmall H or M, or any tractor of comparable power.

Ideal for the family size farm, this one-man McCormick field hay chopper saves time—saves effort—saves your crop. See your IH dealer for more details—soon.
IT WOULD BE FOOLISH not to recognize that we are in a downward trend in prices...prices of just about every commodity, including livestock. But we aren't headed for the sort of a depression that we experienced in the early thirties, or the one following the first World War. The early June cattle market was firm, though prices are well below the peaks in the summer of 1948. Cattlemen can't find too much to complain about when grass steers bring 22 to 24c a pound; when cows culled out of breeding herds bring better than $200 for beef.

CHANCES SEEM GOOD for a fairly stable livestock market during the summer...that is, unless there should be a sharp drop in employment and sharp drop in consumer income, which now appears unlikely. Feeder steers are going into drylots and onto pastures at prices that seem dangerously high. Four Middlewestern markets reported average price of feeder steers in May around $23.50 against $27 a year ago.

BRANNAN PLAN TO PAY CASH SUBSIDY to hog growers probably will get a trial early in the fall. Under this plan, hog growers would sell hogs on the market; if they get less than support price, they would receive difference in government check. It will be experiment to see how it works before being tried on other perishable commodities. Politically, the plan has strong appeal...low pork prices to consumers, relatively high return to hog growers. Thus consumers would not be paying taxes to guarantee continued high prices for meat. But the plan could have drastically bad effect on beef market because of competition from low-priced pork. Nor would there be much incentive to sell hogs to highest bidder. What difference would it make what hogs brought?

STRENGTH IN THE CATTLE MARKET in the early summer is caused in large measure by the broad demand for replacement cattle, both by pasture men and by farmer-feeders. Range feed conditions are unusually good in most of the Western range country, California being an exception, of course.

THERE'LL BE STRICT CONTROLS on wheat and cotton acreage in 1950, according to word we get from Washington. Government will have to make loans...which amount to outright purchase...on a sizable percentage of the 1949 cotton and wheat crop, and corn, too. Cutting down on cotton acreage will force many California farmers to put some cotton land into irrigated pastures and alfalfa.

DO YOU EVER WRITE LETTERS TO YOUR CONGRESSMEN? A friend asked me that question; said he was surprised and pleased at the reaction he had from both his Senator and Congressman. Your legislators like to get the views of people back home. Right now, Congressmen might really insist on cutting down government expenses if they had some moral backing from the folks they represent. Almost everything else is costing less these days; government, too, should cost less.
HERE'S WHY Livestock Need Trace Mineralized Salt

The more nutritionists learn about animal feeding, the more important do trace minerals become. They have discovered that trace minerals influence the whole enzyme, hormone, and vitamin activities of the body — the basic life functions.

But because of heavy cropping of land, erosion, and the greater results we expect of livestock, few animals get enough. This is true even in the most fertile parts of the country.

The safe way, the easy, effective economical way, to feed essential cobalt, iron, copper, manganese, and iodine is in Morton's Trace Mineralized Salt. It is like a low-cost insurance policy covering all your livestock — assurance of healthier, thriftier animals and greater profits.

In 1906 the average dairy herd improvement cow gave 215 pounds of butterfat a year. Today she produces 344 pounds. Because of this increased activity in the body, there is greater need of trace minerals.

Erosion has dumped millions of tons of fertile topsoil into our rivers, lakes, and oceans... robbed us of precious minerals. According to recent survey in Wisconsin, four out of five farms are mineral deficient.

Heavy cropping of land has consistently taken more minerals out of our soils. There is not enough to supply plant life adequately. Trace minerals must be fed directly to be sure livestock get enough.

Morton’s Free Choice Salt is the logical Carrier for Trace Minerals Cobalt... Iron... Copper... Manganese... Iodine

There is an interdependence between salt and trace minerals. They work better as a group than as individual elements, for greater health and thrift and to prevent trace mineral deficiencies. Moreover, fed Free Choice, there is a regular, constant intake — never too much or too little. Write for folder. Morton Salt Co., Chicago 3, Ill.

In 1906 the average dairy herd improvement cow gave 215 pounds of butterfat a year. Today she produces 344 pounds. Because of this increased activity in the body, there is greater need of trace minerals.

By Bob Skau

It is a fair bet that you can generally look for the livestock trade to conduct itself other than along conventional lines. Stocks, grains and some other speculative markets are generally guided by this or that index and quite often purely by rumors — whether they be bearish or bullish.

Not so the livestock market. Many financial editors have recently used the words “recession” and “depression” in news releases more often than at any time since the ‘30s. The revival of these words, the kind that work wonders in bearish stories, was more or less in keeping with bad sessions on the stock exchanges and in the grain trade during the month of May. The action of these markets, however, failed to disturb the livestock trade in the least and a firm to higher set of markets was charted during most of the month. The result was that closing quotations on practically all livestock were at the best levels in many weeks and in some instances prices were at record levels for the year. Some workers have been receiving smaller pay checks and some have been working less time, but they sure haven’t changed their eating habits greatly from what they were when the inflation move reached its peak level some time back. Production of meat and total slaughter of livestock in May was above the same month of last year and the consumption of meat was also greater.

Needless to say, the undertone of the livestock business is extremely favorable at this time, and God’s acres are green from East to West. Just like in other years, when indications are that crops are to be excellent, there are spots that do not share in the good graces of nature and this year it is the great state of California. Range conditions in this state continue poor, with the promise of a major change in cattle finishing operations in the offing.

By the same token other parts of the Pacific Slope are in excellent condition and feed crops are perhaps better than at any time in recent years. Reports from our fieldmen tell of ideal conditions in Utah, Nevada and Idaho. Prospects for grain are good, pastures are excellent and a big hay crop is expected.

Outlook Is Favorable. There appears to be little doubt in the minds of many market students that the livestock trade now stands a good chance to go along at favorable levels for some time. While some markets do get a little out of line at times they all follow pretty much the same course. Toward the
Lodged... heavy... weedy! Your Oliver Model 30 combine gets more grain from hard-to-handle crops. You can "nose" its balanced, close-cutting header under tall and tangled ground-hugging stalks. A big, rasp-bar cylinder rubs kernels from the heads gently, without excessive chopping of foul weed growth or rank straw. There's less chaff to blow out. Further, there's no choking or jamming, even in the heaviest stands.

See the Oliver 30 Grain Master and note its amazing simplicity of construction... the field-proved "straight-in-line" principle that 100 years of thresher-engineering perfected. Examine the adjustable upper draper... removable, floating feeder house... large, non-wrapping 8-wing beater. These units insure "heads first" delivery for better threshing. Flat deck, rotary straw walkers prevent bunching... sift out those last, profit-producing kernels with aggressive thoroughness. The spacious chaffer and shoe sieve give your grain "fanning mill" cleanliness.

For greater gains under all crop conditions, put this fine harvesting team in your fields—the Oliver Model 30 Grain Master* and the husky new 6-cylinder, 3-4 plow Oliver "88", the tractor with six forward speeds and Direct Drive Power Take-Off.

*Available in 8-, 10-, or 12-foot cut.

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No, not quite! But to a foreign businessman on his first visit to the U. S., it seemed that must be the answer when in mid-winter at a smart desert hotel, he was served fresh, luscious strawberries.

To his question "How, please, do they grow strawberries here?" there came an immediate answer.

"They don't. They ship 'em in instead. Fresh or frozen, in refrigerator cars—by railroad. Get 'em all over the U. S. that way."

But even that doesn't tell the whole story of the railroads' co-operation with producers. For railroad agricultural agents help introduce new crops or new varieties which create new income for farmers as well as more traffic for the railroads. They work with government agricultural departments, and their agents, not only to find better ways of shipping but also to help develop new markets for foodstuffs and livestock.

It was American railroad initiative, too, that brought to the nation's farm-

ers the agricultural demonstration train with its lectures, exhibits, demonstrations and free bulletins—products of college classroom and laboratory.

This is something beyond the routine job of seeing that cars arrive promptly for harvest . . . that foodstuffs are properly iced en route . . . or that livestock gets fed and watered on the way to market. In seeking to improve their services, the railroads strive constantly to help themselves by helping others still more. And this practical viewpoint has made the American railroads the most efficient, most economical, self-supporting mass transportation system in the world.

NEW HERD SIRE—A. H. Karpe, Bakersfield, Calif., left, Harold Thurber, center, Sonoita, Ariz., and H. B. Sager of Bozeman, Mont., admire MW Larry Domino 116th, new herd sire at Thurber ranch.

East on the larger Midwestern markets the reports are that the crop of both cattle and hogs for the next few months will run pretty light. Most of the winter-fed cattle have now been moved and it will be some time before the crop of calves and yearlings that went out last fall as feeders will be ready for market. The 1948 fall crop of pigs appears to be pretty well spent and it will be some time before another crop is ready for processing. Continued broad consumer demand for meats, similar to what we have now, could mean that we might see further price improvement in livestock quotations.

It is always interesting to watch the trend of the market, whether it be toward lower or higher levels. There always is a bottom and then a surge to higher levels, but anyone who can mark the two extremes has to have a highly polished silver ball or be a good guesser. You can get a lot of conversation now on the prospective market trend for the final quarter of this year and most everyone is agreed that the course will be to lower levels. This would be only natural, especially in view of the large pig crop this spring which will be a lot of pork by next fall, plus more cattle on feed in most sections of the country. But those who will venture a guess as to average market prices of livestock for six months from now state only, "They'll be lower."

Don't Sell U. S. Short. Regardless of whether you are an optimist or a pessimist, it sure doesn't pay to sell Uncle Sam short, or any of the people of these great United States. We do get concerned, and rightfully so at times, about immediate or future conditions, but in the majority of cases things have righted themselves without any real serious effects. It might be well for those who are and have been bellowing "wolf" ever since the end of the war to take their credit now and then get out of the way. Big business shows no signs of fearing a drastic
"We have a very good and high-priced herd of pure bred Angus cattle out on the range in very rough country", writes Mr. Paul Grafe, of Ferndale Ranch, Santa Paula, Calif. "It is necessary that we see every animal at least every other day."

"We use our 4-wheel-drive 'Jeep' Truck to inspect our cattle in country impossible to get over with an ordinary pickup. We find our 'Jeep' Truck as indispensable as a good Quarter horse for cow work, very dependable, always ready. I think it is the greatest truck ever made for ranches."

Mr. Grafe is right—because we made the 'Jeep' Truck for ranch country, gave it 4-wheel-drive to take it through snow, mud and sand, up tough grades, across the roughest range. Let your Willys-Overland dealer demonstrate without obligation.

Where grades are "straight up," Mr. Grafe hooks a trailer to his 'Jeep' Truck and takes along a horse to reach his Angus cattle for inspection.
ALL OF US are inclined to take many of the good things of life for granted. Take the Central Livestock Markets, for example. The open markets have been functioning for many, many years, and it is true that ALL livestock values in this big country of ours are based upon the prices paid at these markets.

WHERE ELSE could you get a yardstick which would determine the price YOU receive for YOUR livestock? Where else, other than at the great Central Markets, is there the opportunity to have many buyers bid in open competition for all grades and classes of livestock? Where else do you have Federal supervision over trading to assure that you get a square deal, honest weights, assurance that you will receive every dollar coming to you?

GET TO KNOW your commission men better by visiting the stock yards. Watch the trading. Ask questions. Note the large number of buyers on hand every market day to bid on every animal consigned. Or write to us for information. It's your market for your livestock.

setback and many of our leading industry men feel that after a low spot during the final half of this year the trend will be upward with a new peak reached some time in 1951.

Cattle. Although there have been some seasonal adjustments in some cattle quotations the trade as a whole has moved along well for the last 30 days. We have gradually noticed a decline in the number of long-fed steers and yearlings and some increase in the supply of grass cattle. Demand in the live trade as well as in the dressed beef market has been for the fed offerings and they have made more advance than other grades. The support from smaller operators has been exceptionally good. Most activity on the Coast as well as at interior points has been for the lighter weight offerings, although at the River markets the heavier cattle have moved up some because buyers were forced to use them because of insufficient numbers of better fed light weight animals. Plainer grades of cattle, the bulk of which were right off pasture, failed to make the price gains that better fed kinds did and this widened the range of prices all through the list.

With quotations at the close of the month the highest of the period, better grade fed steers and yearlings sold upward from $25.50 with a fair volume reaching $26 and above. Several loads sold on up to $27 while the extreme top reached $27.25 on June 1, highest price paid on the Los Angeles market this year. Then as you dropped down a grade or two the medium to low good offerings sold in a range of $23.50 to $25, with only real plain steers having to sell at $21 and below. Brahman type steers as well as good native caked grassers sold up to $25.50 on the first session in June.

LighterWeights Wanted. Toward the East markets were also higher and here too best action centered on light weight animals and they generally outsold comparable grade steers weighing over 1,300 lb. by 50c to $1 per cwt., and if cattle were of extreme weight they showed even a greater spread under the lighter weight finished kinds.

Choice steers and yearlings at Midwestern markets were moving at $28 and better late in May with top kinds at Chicago reaching $29.50 while at Kansas City up to $29 and $29.50 was paid for real good light cattle. Here too it was noticeable that the spread was getting wider, for grass cattle failed to show the full advance that the long fed kinds did.

Strictly choice heifers sold up to $28.25 at Chicago, with the bulk of the fed kinds going at $23.50 and above. On the Pacific Coast markets most heifer offerings were medium to near good kinds that had to sell from $23 to $25 while one load sold on the Los Angeles market at $36. Common to medium heifers sold at $21.50 and under and it was very seldom that anything more than odds and ends sold at $20 or less.

Cow Numbers Gain. The seasonal
Because it's fortified against **ALL** the inside causes of reduced engine life

To add hundreds of extra hours to the previous running time between engine overhauls... yes. Shell scientists aimed high when they started to develop a new heavy duty oil. They knew that such an oil must overcome not just some of, but **all** the inside causes of reduced engine life: sludge... carbon... lacquer... acids... and their end-product, wear.

To make a long story short—and sweet—Shell scientists found a formula that made even their original ambitious goal seem modest: Shell Talona Oil.

In all types of heavy duty, high speed engines—both gasoline and Diesel—Shell Talona Oil has surpassed every accepted standard for heavy duty oils. It has kept sludge to a harmless minimum; protected alloy bearings from corrosion; left pistons and rings virtually free of carbon and lacquer; kept wear so small it was hard to measure. All to the end of keeping such engines going longer... and more efficiently.

Why don't you find out what Shell Talona Oil can do for your heavy-duty equipment?
California increase in cow numbers was made up mostly of beef grades while supplies of dairy type kinds was only moderate. Good beef type cows sold fairly well on most sessions, but as numbers of grass kinds increased, demand slackened up with buyers complaining of poor gradings on pasture cattle. Real good beef cows sold at $20.50 to $21 and there was an occasional sale of young animals on the heiferette order as high as $21.50. Medium to good beef cows sold from $18.50 to $20. At the same time cutter cows, that is, the real big framed cattle, sold on up to $18.50 also, but for the most part cutters bulked from $16.50 to $18. Canners sold largely from $14.50 to $15.25, with only odds and ends of real thin dairy type cows going at $13.50 or a little under.

Demand for sausage bulls at all markets along the Pacific Coast was very good and the bulk of the weightier kinds sold at $25 and above with a few odd head selling as high as $24. Lighter weight bulls and also those that were on the fat side sold down from $22.

Calf and vealer prices finished some lower than a month earlier. Numbers showed a seasonal gain and packers were able to lower levels when numbers bunched up a little. Odd head of choice vealers reached $29 early in June at Los Angeles while the bulk of those weighing under 300 lb. sold at $25 and above. Calves weighing 350 to as high as 400 lb. sold down from $27 on most sessions, with a few that would go as heavy vealers selling as high as $28. There were quite a few of these heavier calves, kinds weighing up to 400 lb., and a little better, and a good share of these were forced out of the California pasture country that suffered from the drought. Most offerings went to killers, although some of the more Northern feeder buyers did take those with best quality for grass.

Feeder Prices Maintained. Prices on

Stringent permanent pasture land pays off only if you plan it economically from the start. Here's a new booklet on ranch watering by Buckner's irrigation engineers—tells you what size system you need, how to get rain-like irrigation effects at least cost.

There's thirty years of knowledge back of Buckner sprinklers. Thirty years of dependable, economical profitable sprinkler systems.

ARIZONA COWMEN—Seymour Thurber, herdsman at Lazy R. P. Ranch, Scottsdale, Ariz., and owner R. P. Conolly, studying pedigrees on recently acquired WHR heifers.
THE IDEA
EXCHANGE
BY UNION'S
FARM REPORTER

T5X GIVES GREATER PROTECTION TO ANY INTERNAL COMBUSTION ENGINE

T5X—the famous purple oil—gives outstanding protection to either Diesel or gasoline powered farm equipment. It is Union's answer to the most severe lubricating problems. If you're plagued with engine difficulties traceable to the instability or inadequacy of ordinary lubricating oils you'll find that T5X will more than fill your needs. It's a heavy-duty detergent-type oil with remarkable stability. Ask your Union Oil Farm Representative about T5X.

SAGEBRUSH HARROW CLEARs GRAZING LAND FASTER
This spike-rod harrow does wonders in clearing great areas of brush-covered grazing land. The iron pipes revolve as they are drawn through the brush, clearing themselves of brush instead of clogging. It has proved a very rugged tool that has added hundreds of thousands of acres of grazing land that wasn't worth much before harrowing and seeding.

TRY THESE LOW-COST CUP GREASES
Where lubrication demands are light and first cost is of primary importance, many farmers find that RED LINE CUP GREASES do a fine job. These lubricants are uniform in quality and service characteristics. RED LINE CUP GREASES provide good lubrication at very low cost.

IF YOU HAVE FARM MACHINERY YOU USE ONLY OCCASIONALLY...

You'll be interested in Union's RED LINE NUMBERED OILS. Usually, on equipment that is operated only occasionally, bearings are loose fitting and oil is applied by drip or hand oilers. For such onetime service these oils are ideal. They're specially selected straight mineral base oils. Ask your Union Oil Farm Representative about RED LINE NUMBERED OILS.

KNIFE ON PLOW MAKES CELERY HARVEST EASY
Here is a simple idea from Utah where it is used to cut celery roots so that bunches can be picked up easily. The blade is about 18" long and is bolted at the bottom of the plow. As the plow is pulled alongside a row of celery the blade extends over to cut the roots.

76 UNION OIL COMPANY

“The Toughest Lubricants in the Field”
How to care for
ALUMINUM IRRIGATION PIPE
when not in use

• If you have Alcoa Aluminum Irrigation Pipe, you own the best. We would like to help you keep it that way. Actually, it requires little attention. Give it reasonable care and you can be sure it will be in good working order the day you need it.

1. Inspect for Damage and Make Repairs. Remove and inspect sprinkler heads for wear or damage. If pressure-seal gaskets are detachable, remove and wash them with soap and store in a drum of clear water.

2. What to Do When Storing Inside. There is less chance of “accidents” if pipe is stored in an out-of-the-way place in a barn or shed. Storage space should be well ventilated, with the pipe at least 6 inches off the floor. Allow space for free circulation of air around each pipe.

3. Care of Pipe When Stored Outside. Place on a painted wooden cradle or blocks—at least 6 inches off the ground. Space far enough apart so that there is good air circulation around pipes.

If additional protection is desired, cover with tarpaulin or other shelter. Keep covering far enough away from pipe so that there is good air circulation around pipes.

Tilt pipe to assure good drainage. In cases of severe exposure, a uniform coating of oil or grease is helpful.

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stocker and feeder cattle held fully steady and in the case of the better grade light yearlings quotations were a little higher. There was some buying for nearby feedlots, but very few cattle went out for grazing in the Southern Pacific Slope because of very unfavorable pasture conditions. However, buyers from other states where conditions are much more favorable took up this slack and gave good support to the market.

At Los Angeles most of the thin steers of medium and good quality sold from $21.50 to $23.75, with fleshy steers going for a short turn at $24 and $24.25 while one load of high quality stockers reached $25. Plainer grades of thin cattle sold at $21 and under with very little having to sell for less than $19.50.

Toward the Middlewest, demand was strong at all times for the growing season and for practically everything was one of the best on record. As the season advanced, demand broadened, with the market on replacement stock moving higher each week. Most everyone wanted thin-fleshed stock suitable for grazing, although a fair number of fleshy feeders went to dry lot. As a rule the good and choice kinds went at $23 to $26.50, with light steer calves as high as $27.50.

Hogs. The hog run showed signs of tapering off quite rapidly as the month opened and from all indications the big bulk of the 1948 fall crop is now marketed. Market prices charted more or less a steady upward through the month ending at the best levels since early March. Most of the medium and good 200 to 230-lb. butcher hogs sold from $22.50 to $23.50, with a few bunches making $24 and one load $24.25 as the month of June opened. Most 270 to 350-lb. weights landed in a range of $19 to $21. Sows bulked from $14.50 to $16.50.

The trade had been aided all month by a very good demand for practically all kinds of pork cuts. Consumer demand appeared to broaden considerably and activity was good even toward the end.

The only sore spot in the trade was the lard trade which continues to hover around the lowest point of the season, and is also under considerable pressure because of low prices of competing fats and oils.

Sheep and Lambs. The supply of sheep and lambs at Los Angeles and other markets along the Coast was too small at times to test quotations. Occasionally there were small lots of good grade spring lambs that sold upward from $28 on these markets, with one sale reported as high as $29.50 on the Los Angeles market. Old crop lambs just about dropped out of the picture early in the month. Old ewes in small lots sold down from $12. A few light feeder lambs went back to the country at $22 to $26.50.

There was a slight bulge in receipts at points to the east and prices were mixed. Spring lambs grading good to choice closed in May at $31 in Chicago, $32 at Kansas City and $30 at Denver.
PORTABLE sprinkler-type irrigation saves water for John Veenstra, Chino, California—enables applying rain-like moisture that penetrates. This method also saves him leveling and grading expense, works effectively on rolling and sloping land. Freedom from ditches, that waste ground and propagate weeds, is another item he credits to this sprinkling system on wheels.

Best of all, portable irrigation powered by a "Caterpillar" Diesel Engine enables the Veenstras to get unusually good production from their land.

"I have 100 acres here and raise practically all my feed for 90 head of cows," states Mr. Veenstra. "The D311 (Diesel engine) will do all the irrigation on this 100 acres. During the summer my engine will be working steadily. Because of this 'round-the-clock' use, I chose 'Caterpillar' Power.

"I figure the D311 will save me $4.00 per 12 hour day over a gasoline engine on this sprinkling system. My figures also show that in 2 years of operation, I will have saved my Diesel engine's extra cost, and still have years of power left."

Behind all 10 sizes of "Caterpillar" Diesel Engines is a family tradition of profitable performance, year after year after year, under conditions as tough as the West can impose! Choose the size that fits your irrigation needs, for power up to 500 heavy-duty "horses!"
News Letter
from the
NATION'S
CAPITAL
By FRED BAILEY

A N ISSUE OF PRIME importance to U. S. cattlemen is now being fought out behind the scenes in Washington. On the surface, the fighting is all about hogs; actually, all livestock producers are intimately involved.

The question is whether the agriculture secretary should be permitted to support hogs by direct payments to producers, as well as by direct government purchase.

According to present law, hog support is mandatory at 90% of parity through at least this year. Most livestock experts now expect hog prices to fall into the price support net. If they fall far enough, and stay at low levels long enough, the cost could be considerable.

European nations have agreed to increase pork purchases in this country with U. S. recovery funds, if serious surpluses develop. Britain, especially, could use the meat. But it is very doubtful that foreign markets can absorb the surplus production now anticipated.

USDA livestock experts are not overjoyed about the prospect of supporting hogs by subsidies to producers. It would mean plenty of administrative headaches. But the question of how the government could dispose of millions of pounds of surplus pork would mean even more headaches, as they see it. They would like the authority, not only to buy pork on the open market, but to make subsidy payments to hog producers if necessary.

The theory is that subsidy payments would permit the market to fall to the point where consumers would buy up the surplus.

Most representatives of cattlemen are dead-set against the idea, and are busy making their views known on Capitol Hill. Their arguments against...
direct subsidy payments follow two general lines.

(1) Beef prices would follow pork prices down.

(2) Direct-payment for hogs now might mean the same later for beef, and cattlemen generally don't want a support program of any kind.

Identical bills, drafted by USDA and authorizing direct payments to hog producers, are under consideration on Capitol Hill in both Senate and House. Washington betting on whether final action will be taken on them is running about 50-50.

Farm Bureau President Allen Kline has refused to take a definite stand on the issue. He won't endorse the USDA bill, but indicates approval of hog support “by loans, purchases or otherwise.”

Master Albert Goss of the National Grange is on record against direct payments as a method of support.

Brannan is anxious to try out the idea. He sees it as providing a trial run for his farm program which calls for support of perishable commodities by direct subsidies. Politically, he is in a strategic position.

If Congress refuses the authority he asks ... and hog prices cannot be maintained at guaranteed levels ... the blame can be put on “obstructionist” lawmakers.

* * *

TAX SAVINGS ARE IN SIGHT for cattlemen as the result of a recent court decision.

Handed down recently by the Eighth U. S. Circuit Court of Appeals in the Albright case, the decision makes 2 main points:

(1) That livestock held for dairy, breeding, or draft purposes are de-

**NEVADA CHAMPION**—At the 10th Annual Nevada Junior Livestock Show last month Richard Capurro and his Herelord steer took the purple ribbon. The Dressier-bred calf graded top choice, yielded 84%.

**THE CORRAL**

Us humans may lose our appetites in hot weather ... but our cows and other critters don’t. Not when they have juicy green Sudan Grass pasture to tempt ‘em!

You still have time to put in some Sudan for summer pasture, if you haven’t planted it already. Sudan Grass is one of the easiest, cheapest crops there is, so it’s nearly always a good bet.

Ask your dealer for Westland Brand Sudan Grass. Westland Brand seeds are really reliable. You don’t need much, because Westland Sudan is a high producer.

Most everybody knows it’s good business to get high-grade stock when you’re hustling after milk or meat records ... or just after more money. But you know, if you chase that fancy new stock out on run-down pastures, you just can’t get your money’s worth out of the critters.

There’s a lot you can do, all through the season, to improve your pasture and range land. See your free Westland Pasture Book for suggestions on pasture improvement. You can depend on the information ... it’s put out by the Northrup, King seed people.

Talk about counting your chickens before they’re hatched ... one of my California friends has already “spent” the money he’s going to make off his field of Kingscrost Hybrid Corn. But I’m not saying a word, not after all the facts and figures I tossed him about the Kingscrost Hybrids, the Northrup, King people have bred for California. He’ll probably make more money than he’s counting on!

I see where our British friends have diagnosed cattle bloat as a case of too much etiquette.

They’ve discovered that clovers contain an acid which, when Bossy gets too much, paralyzes the paunch muscles. There’s no way for the gases to escape then, because Bossy can’t belch. This may be polite, but it ain’t comfortable.

This month is vacation time for city folks. If you see any, be kind to ‘em. They’re your customers.

See you around. **Sam**

For Your Free Pasture Book, or More Information on the Matters Sam Was Talking About, Mail This Coupon To:

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Please send me, without obligation, your free booklet on ( ) Permanent Pastures ( ) Hybrid Corn ( ) Other Information on the following subject...

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the West

LUCKY LAGER
the age-dated beer
preciable assets not primarily held for trade to customers, and

(2) That a farmer should be permitted to treat proceeds from sales of such livestock, when they are no longer profitable or fit for use, as taxable on a capital gains basis, rather than as straight income.

Tax experts advise that payment of taxes in line with this decision is reasonable and justified, despite the prospect that the Bureau of Internal Revenue probably will try to collect on the old basis.

“To treat sales of depreciated stock as sales of capital assets,” the court observed, “would place a penalty on sound business practice.”

The government is expected to appeal the decision to the U. S. Supreme Court.

EYES OF WESTERN LAW-MAKERS are focused on two bills affecting the use of forest and rangeland.

One of them (S 1766), introduced by Sen. Wayne Morse of Oregon, provides for the use of 50% of federal grazing receipts to reseed and otherwise improve grazing land, in national forests of California, Colorado, Montana, Wyoming, Utah, Idaho, Oregon, New Mexico and Nevada.

The second bill, introduced by Sen. Clinton Anderson of New Mexico, would permit fines up to $5,000 on private forest owners who violated federal rules in use of their forest lands.

Federal regulations would apply only if the states failed to draw up timber control laws within three years.

Idea of the Anderson bill is to protect “forest owners following proper practices” from being at a “competitive disadvantage.”

Neither bill is given much chance
AGRICULTURE DEPARTMENT

previously vaccinated cattle at Ojuelos de Jalisco, approximately 380 miles southwest of Brownsville, Texas. The infected animals were slaughtered and immediate steps taken to trace their movements prior to discovery of the outbreak, according to USDA. Gen. Harry S. Johnson, U. S. co-director of the Mexican campaign, called the outbreak "the most serious setback which we have experienced in the past eight months."

ADMISTRATION LEADERS, at long last, are admitting the nation has passed the inflation peak, and is now in a period of "healthy deflation."

White House economic advisers are telling the President that the present period of declining prices is a post-war adjustment... that there won't be a collapse... that some "further easing in the cost of living" can be expected.

Farm economists, meanwhile, are...
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.

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Phone 3751

E. L. KIMBALL, Bookkeeper
Sudan, Texas
predicting further drops in market prices “as marketings of livestock and dairy products turn upward seasonally.”

Prices of meat animals, say the experts, are likely to drop more than usual in early summer, with the midsummer upturn “likely to be less than usual.”

Here is how USDA’s Bureau of Agricultural Economics sums up the total economic situation, across the board:

Industrial production, off 3% in March, and continuing the trend in early April . . .

General level of commodity prices resuming the downward trend which started last summer, mostly due to lower prices for farm products . . .

Total civilian employment in April below a year ago for the first time this year . . .

Salary and wage payments still on the decline starting last November.

Cheap Nutrients—

Use Cane Molasses To Cut Feed Costs

C ANE molasses recently has become the cheapest source of nutrients among the concentrate feeds, its price dropping to a point now less than one-half of the cost six months ago. With grain prices supported at fairly high levels, livestockmen who want to reduce feed costs can now use molasses to full advantage in their rations. With a seasonal milk price decline already announced, stockmen who own dairy cattle will find it important to buy feeds which furnish total digestible nutrients at the lowest cost.

That’s where cane molasses comes in, according to Dr. K. L. Turk of Cornell University, Ithaca, N. Y.

Dr. Turk reports that cane molasses contains 74% dry matter and 29% protein with 54% total digestible nutrients, about three-fourths that of corn.

Because of its lower amount of nutrients, cane molasses is worth somewhat less than corn when added to a good ration made up of palatable feeds, but experiments indicate that it is worth 89% as much as corn when added at the rate of 10% to a good concentrate mixture.

Use as Appetizer. When used as an appetizer to increase the palatability and consumption of other feeds, molasses has a much higher value. For example, when used on unpalatable hay or other roughage, molasses is worth fully as much as corn and can be obtained at about one-half the cost.

This economical feed has a mild laxative and desirable conditioning effect. It reduces dustiness in ground, mixed feeds and is used widely in commercially mixed feeds because of these qualities and because it offers a low-

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When it comes to tallness, the giraffe has all other living animals far outclassed ... just as Kenworth trucks are in a class by themselves when it comes to accomplishing those tall jobs — taking those tough assignments in stride, getting the job done against odds. Men who operate Kenworth trucks know they can eliminate waste and assure themselves greater profits by specifying trucks built for the job. Custom engineering means efficiency. Kenworth is interested in learning about your specialized transportation problems ... in proving to you that there's more WORTH in KENWORTH.

Specialized Kenworth trucks, such as this Model 524, utilize speed, safety and smooth operating features to move livestock to market in record-breaking time, with dependability, and with increased profit to the rancher, hauler and marketer.
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OUR NEW HERD BULLS

RS ROYAL BLANCHARD

He was first at Denver, first at Fort Worth and champion at Tucson in 1948; and now, he has proved himself a real sire. His first dozen calves are most promising—thick, deep, short-legged, good-headed youngsters, beautifully marked. Most of them are headed for next season’s shows.

LAUREL ASTER

This well-known bull which we purchased from Mrs. Charles de Rham, Jackson, Wyoming, continues to produce fine, sturdy breeding cattle, as he did for Mrs. de Rham. Five daughters we purchased with the bull have mated well with our bulls and have proven exceptionally good mothers.

As for WHR DOUBLE PRINCEPS, our senior sire,

he is still going strong. In last season’s shows, his progeny won 60 additional Register of Merit points, boosting him well up in the Register. More important, his numerous sons we have sold to other breeders are doing a fine job for them, almost without exception. Double Princeps and his sons are especially noted for their prepotency—for siring a very high percentage of calves of their own stamp. The fine breed character in a “Double Princeps head” and the excellent pedigree behind it are the best possible guarantee of such prepotency.

The head picture is of

RS PRINCE ROYAL, A SON OF WHR DOUBLE PRINCEPS,

and owned by the Double M Ranch of Adams, Oregon. This picture was used as an example of a good head in the American Hereford Association’s excellent publication “Keep Ahead with Herefords,” and the able author had this to say about it: “An excellent head on a young herd bull—positive in masculinity, short, broad and flaring at the muzzle. Then, too, it has style, character, boldness. A large prominent eye has added value, both admirable and real—it makes for impressiveness.”

We welcome visitors at

our ranch near Willcox.

Rancho SACATAL

DOS CABEZAS, ARIZONA
THE latter part of April and a good many days in May were spent in traveling to various shows and sales. One of the spring fairs I attended, which always attracts considerable attention, was the May Day celebration that is called Merced County's Spring Fair and Livestock Show at Los Banos. This year it attracted about 600 head of livestock, largely cattle of dairy breeds because Los Banos is a center of dairy cattle industry, though there was a good representation of purebred beef cattle herds and a lot of fat steer entries by 4-H and Future Farmer groups. The showing and judging of the livestock brought out a good local crowd, and interest was high. It was a little early in the year for steers that had been fitted by juniors to be in their top form, but there were quite a few good Hereford and Angus entries.

The fair is put on under the direction of the Los Banos May Day Assn. and, in addition to the livestock show, the program included a large parade of floats entered by various business houses and organizations of the Los Banos district. This year a largely attended barbecue was also put on and, on Sunday, a very interesting and well attended rodeo was held.

Manager of the fair was C. W. ("Chuck") Bates, who was ably assisted by the secretary, Judge Germino, who did a swell job of announcing. These two men were on the job every minute and kept things moving all the time. The Wolfsen brothers—Lawrence and Henry—well known cattlemen of Dos Palos—were also active in the fair association management, as well as many other well known cattlemen of the Los Banos district.

This year the management provided an unusually good group of six very practical livestock barns that housed the cattle and other livestock in fine shape. They also built an extremely practical and sanitary dormitory for the use of 4-H and Future Farmer exhibitors that houses 120 boys. The sleeping rooms, showers and lavatories are clean and ingeniously arranged for the use and comfort of the boys during the fair; this year the dormitory was filled to capacity.

One of the interesting and highly coveted prizes of the junior show is a "Henry Miller" trophy, the remarkably elaborate and unique award that

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The world's best cattle machine. Used by 5000 leading cattlemen.

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The most efficient and convenient means for handling 100 to 300 pound calves.

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Here is the world's most modern way to protect livestock against mineral deficiencies; MoorMan "custom-built" formulas for each kind of animal in block form—a form that is definitely economical because it helps reduce waste in feeding.

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

Dos Pueblos Ranch
Goleta, Santa Barbara County, Calif.
Ray Ault, Supt. Bob White, Herdsman

is made for the best Hereford steer of the junior show. This year it was won by Henry Alberti, Jr., of Los Banos, a 4-H boy who had the grand champion steer of the show.

One afternoon early in May when I was in Los Angeles Nelson Crow and I went over to Tom Leavey's party which was given to housewarm the Farmers' Insurance Group's newly enlarged building on Wilshire Boulevard. This was something entirely different from cattle tours and stockyards business, but was a very interesting and swell affair. Leavey, who is the president of the Farmers' Insurance Group, has a ranch down on the San Luis Rey River in San Diego County, where he raises purebred Herefords, and he is much interested in the livestock game as well as insurance.

At the Great Western Stock Show in Los Angeles last December Tom bought Dickie McDougal's grand champion Hereford steer at $3 per lb., and the steer was served at Tom's party. We got in on it, and it was all right. Livestock men were rather scarce at the party, though we saw Tom Dempsey of Palomar Angus Ranch, Forrest Berry of the Bank of America livestock department, and K. L. Carver, of Las Flores Ranch up near Big Bear. It looked like about all the top flight businessmen of Los Angeles were there to wish Tom and his associates good luck, and we all had a good time.

The Porterville, Calif., Junior Show, May 13 and 14, was a dandy. This show is put on strictly as a Tulare County project, and is financed entirely by an interested group of Porterville businessmen and livestock men of that section of Tulare County—no race-track money or other state funds are used. The show was held on the Porterville Union High School and College grounds, where the management erected pens and temporary shelters for the livestock entries.

An auction sale of a selected group of steers, lambs and hogs was held on Saturday, and the sale committee did a swell job lining up a very good bunch of entries. The prices paid all the way through for the steers were the best I have seen this year (in fact, for some time) at a junior show.

The grand champion steer, a smooth, well-fleshed Polled Hereford shown by
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PREMIUM BOOKS NOW AVAILABLE...
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E. P. GREEN, Secretary-Manager
State Agricultural Society
P. O. Box 2036, Sacramento, California
Sandra Farnsworth of the Ducor 4-H Club, sold for 43 cents per lb. Sandra is the daughter of Freeland and Evelyn Farnsworth of the well known Acchi Polled Hereford Ranch. The reserve champion steer was a Shorthorn (bred by Joe Menne of Ducor) shown by Dale Gill (son of Vernon Gill), a very thick, smooth animal, and sold at 37 cents. John Dennis (son of Wilbur Dennis) of the Ducor 4-H Club had the heaviest and probably the fattest steer of the show, which sold for 36 cents. A number of other steers also sold up around that figure. The average price was about 35 cents—probably nearly 9 cents above the market for such animals.

The buyers were mostly Porterville businesses, clubs and individuals, and they certainly gave the sale wonderful support. Rolla Bishop (Poland China swine and Tennessee Walking Horses) sure did a great job of getting prospective buyers lined up ahead of the sale, and actually was the last bidder on about 14 head of the 25 steers sold. It undoubtedly took a lot of preliminary work to do this, as did the other preparations for the show and sale by individual members of other committees, but it surely paid off at the sale.

Ralph Hooper, agricultural teacher at Porterville High School, headed up the Future Farmers on their program, and was on the job all the time. Practically all of the Ducor 4-H fathers and mothers were on deck boosting.

INTERMOUNTAIN HERD—Four herd bulls on display at the opening of the Podolak Polled Hereford Ranch auction in Lusk, Wyo., last fall show why this herd is helping Wyoming establish outstanding leadership in the Polled Hereford field. Secretary D. W. Chittenden, Kansas City, of the American Polled Hereford Assn., discusses the bulls from the auction block. Frank Podolak started in the cattle business from "scratch," now has a 5,000-acre ranch, 110 cows, is making his mark with this expanding breed.

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1. You profit from our facilities—automatic feeders, cement corrals and modern mixing plant—a combination cattle feed operation which assures you the maximum in gain and yield.

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Call, write or wire for space reservations
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several of the dads bidding on the cattle and buying several.

It certainly is a wonderful thing for the juniors to have the interest and support given them as is the case at Porterville, and the boys and girls of that section should consider themselves very fortunate to live in such an environment. The groups of club leaders and ag teachers are in there pitching all the time.

Is our American way of life OK? I'll say it is, and it warms one's heart to see such exhibitions of the value of it as shown at Porterville. It sure burns me up to turn to the pages of our local papers nearly every day and read about men and women here in this good old USA who apparently think everything we do locally and nationally is wrong. They seem to be trying to upset our way of life and the opportunities that exist for the younger generation, which now appear to me to be about as good—anyhow along livestock and agricultural lines—as they ever were.

I HAD a nice trip out to Rolling Ridge, Ranch south of Pomona, Calif., with Nelson Crow one day late in May. Paul Greening, owner of Rolling Ridge Polled Herefords, wasn't at the ranch, but Babe Minor, his manager, and Jack Greening, Paul's son, showed us the cattle. Babe surely has his show string in nice shape. Some of the calves he showed last year are coming along fine as yearlings. He has a couple of senior yearling bulls and a two-year-old heifer that look particularly well, and also a nice string of calves. Babe took us over to their irrigated pasture where the breeding herd is summering. The cows are looking swell, with some very good calves alongside them. The two regular herd sires that have been doing so well for Rolling Ridge, Aster Advance 27th, and Valiant Domino, and also a two-year-old bull by Valiant Domino—RRR Valiant Domino 14—were looking very good and settling the cows in good shape. This two-year-old bull is one of the best Polled Hereford bulls I have seen in California in quite a while.

We also saw quite a group of two-year-old range bulls that are in wonderful shape to turn out and ought to be out in some range herds doing somebody a lot of good. Anyone in need of good Polled Hereford bulls for this season would do well to get in touch with Rolling Ridge on them. The permanent pastures at Rolling Ridge are really fine this year and are as good as I have seen anywhere.

F. RAY COWDEN, of Phoenix, Ariz., was in the Los Angeles

Or Vice Versa
By S. OMAR BARKER

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Then why don’t you take the hash?
It has the $2 steak, $1.50 chops, $1.40 ham and $1.60 pork in it—all for 85c.

stockyards one day late in May, and I had a good visit with him. Last year Ray made a trade on his purebred ranch above Willcox and got hold of the south side of the Double O-Cienega Ranch—112,000 acres south of Seligman, Ariz. He has moved his purebred breeding herd of Herefords up there. He said he was a little short of water on this ranch, so he drilled 10 wells, got water in eight of them, and now thinks the water situation is pretty good. While making some changes as to pastures in his new ranch, he is hand-breeding all of his cows this year, but expects eventually to have his pastures arranged so that he can do considerable pasture breeding.

He is carrying on his operations at Hillside and Tolleson as usual, and has a pretty big bunch of steers on feed at the Tolleson feedlots at this time. Ray has bred Herfords have been popular in Arizona for many years, and he has walked off with several championships on his pens of bulls shown at the Tucson stock show. Last winter at the first Phoenix stock show he had the champion pen of heifers.

Ray thinks his new location is well adapted to the production of purebred cattle, and he is hoping to carry on his operations along this line rather more vigorously than in the past.

This move makes him a neighbor of John Thompson, who has the Las Vegas Hereford Ranch in Williamson Valley and who also has been a consistent winner of pens of bulls at Tucson, and who has also been popular in Arizona for many years, and he has walked off with several championships on his pens of bulls shown at the Tucson stock show. Last winter at the first Phoenix stock show he had the champion pen of heifers.

HAROLD HUNT, of California’s Imperial Valley, has been experimenting in crossbreeding Brahman and other breeds of cattle for several years. I happened to see a couple of cattle he sent to Los Angeles Union Stockyards late in May.

One of these two cattle was a cross-
AWARD FOR SERVICE—When Oregon Cattlemen held their annual convention in Pendleton last month Herman Oliver, John Day, past president of the association, presented a silver mounted belt to C. L. Jamison, right, for 16 years service to the cattlemen of Oregon as secretary of the association.

bred Brahman-Charollais steer, probably less than two years old. The steer weighed 1,100 lb. and sold at $27 per cwt. He showed the characteristic heavy and deep hindquarters of the Charollais breed and was a well-balanced, well-fleshed animal. His color was a light tan, running into almost white in spots, and he showed very little of the Brahman characteristics except in his head and horns. I was informed that he was a 50-50 Brahman-Charollais cross.

The other animal was a straight white steer, about a yearling, and weighed 900 lb., selling at $26. He had very good conformation, a good head and the Charollais massive hindquarters, and was smooth, but not as fat as the two-year-old steer. I was told that the sire of this white yearling steer was a three-eighths Brahman, five-eighths Charollais bull, and his mother—pardon me, dam—was, believe it or not, a straight bred Holstein, and the steer showed absolutely no Holstein characteristics. I hold no brief for the Brahman or Charollais breeders, but I thought these two animals were as interesting a pair as I have seen in a long time. Both of these steers dressed out 63%.

Barley Disappearance—

With relatively small livestock numbers and abundant supplies of other feed grains, disappearance of barley the first nine months of this season totaled only 215,000,000 bushels, 6,000,000 bushels less than for the same period last season. The use of barley for feed totaled only 118,000,000 bushels the first three quarters of the season, amounting to a little more than half the average for the war years and 4,000,000 bushels less than for the same months of 1947-48.

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The dependable product that's famous for "Sterling quality in the SILVER box."

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Page 33
What's the best way to control flies, lice, mange and ticks?

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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...

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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 offers a complete line of effective pest control products—pesticides, fungicides and weed controls. Throughout the country Ortho products such as Isotox (which contains pure gamma isomer of hexachlorocyclohexane—practically odorless and has wide usage) and Vapotone (TEPP) are giving farmers successful, economical pest control.

Weed-B-Gon 64 (amine 2,4-D), Estercide 330 (ester 2,4-D) and Estercide-T 245 (ester 2,4,5-T) are effective weed controls gaining wide favor in grain, range and other areas.

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.

A fawning mother never was more proud of her new babe than leading livestock breeders of the Intermountain region are of their 1949 crop of calves, foals, pigs and lambs.

Staff members Bob Teale, Walt McKelvie, Bill Smale, Sherm Guttridge and Forrest Bassford found this out during the last few weeks on their ranch visits in Idaho, Utah, Nevada, Arizona, Montana, Colorado, Wyoming, New Mexico and sections of adjoining states.

Sure, there is evidence of the toughest winter ever experienced by many of these breeders (calves with ears or feet frozen off, ranches with no reserve haystacks, some commercial ranches lightly stocked because of storm losses of cattle and sheep, some bankers a little tougher with credit).

But optimism rules and rightfully so, because:

★ The region never looked better. Winter moisture and spring rains, over much of it, have brought on the heaviest grass crop in the recollection of most breeders.

★ Sales have been good with prices strong. Many breeders are sold down closer than ever on young stock.

★ Spring productions show the highest average quality in the region's history; result of matings planned by many of the most outstandingly progressive purebred and commercial breeders the nation has ever known.

★ No region can boast more proved superior sires in service. Results of the nation's shows and sales leave no doubt of this. (For example: In Herefords the leading Register of Merit Sire of all time is the late Larry Domino 50th, under the banner of Milky Way Hereford Ranch, Phoenix, Ariz. And the two highest ranking living Register of Merit sires are also Intermountain's: C-W Prince Domino 21st and Double Dandy Domino, used respectively by W. J. Largent & Son, Folsom, N. M., and Merkel, Tex., and J. F. Miller, Hayden, Colo.)

★ Aggressive plans are made for late summer, fall and winter shows and sales which should surpass in size anything the region has staged to-date. The early competitions will be testing grounds for show stock from ranches of the region which have been leading the nation in show and sale performance during the last several years.

★ No region has a better balance of seasoned breeders with new, nor a higher percentage of owners who live on the ranches and make the production of better livestock their life work.

Yes, 1949 is another year of outstanding progress in the Intermountain area; the area which sits on top of the continent and whose purebred and commercial livestock flows, much as does its rivers, to the West, to the East, to the South and to the North, giving new, more vigorous, more prosperous life to the vital livestock industry.
This tri-motor Ford plane, ready to roar out with its load, carries enough aerial pellet seeds to plant 5,000 acres in a day. Seeds are blown out of device at bottom of craft.

**Inventor Patterns**

**Air-Borne Pellets**

**After Nature for Reseeding Waste Acreage of West**

**Sprouting pellets are held in the hand of inventor, Dr. L. S. Adams, Phoenix, Ariz.**

Earth pellets no bigger than peas, scattered automatically from a speeding plane, hold the secret of reseeding thousands of denuded acres in the West. Results of the reseeding of 90,000 acres in three Western states during the past two years so impressed the 80th Congress that it appropriated $200,000 for further tests of the method in other Western states.

Harold J. Burback, regional chief of soil and moisture conservation, U. S. Bureau of Land Management, points out that aerial reseeding eliminates much expense and reduces time loss; aids greater acreages more economically; makes possible the use of many federal ranges which are now inactive; and increases range capacity for feeding greater numbers of livestock.

Experiments were started in LaSal National Forest, San Juan County, Utah, by the U. S. Forest Service. The pellets, manufactured on the spot from soil similar to that of the area in which they were dropped, contained 5 to 11 seeds apiece. They were dropped from airplanes, landing self-contained, unappealing to gophers, birds and insects. When drops of rain hit them, sturdy stock of grasses started to sprout.

**Germination Tests.** Atop the big Forest Service building in Ogden, Utah, under a glass roof approaching hothouse conditions, Gerard J. Klomp, range conservationist for the Intermountain Forest and Range Experiment Station, is conducting germination tests on pelletized seeds. Work is being carried on under supervision of Reed Bailey, head of the station.

Pellets, made from soil similar to where they are to be dropped, are scattered—airplane fashion—into 36 different flat wooden frames of sand and in Petrie dishes where seeds and pellets are placed on moisturized blotters. These experiments supplement airplane tests on rangelands.

Subject of much discussion and intensive experimentation, the pellets were invented by Dr. Lytle S. Adams, former California dentist and inventor.
Cow Country Champion


By RUBE ALBAUGH

A PAINTER can picture the story-land West. He can conjure up a Western scene with open range-lands, dusty sage, cow ponies, open fires, a deck of cards. He can complete his picture by portraying a Western cattleman. But a painter can't delineate the very elements that make the cattleman a distinct entity in the world—his courteous manner, his genuine hospitality, his friendliness, his speech or lingo, his ways of entertaining and his descriptive sayings that remain unlike those found anywhere else on the globe.

Above all else, the cattleman gives the West its character, adding more color and glamour than any other single factor.

Monterey County, California, has its share of these sons of the West—who are called "the salt of the earth" and "diamonds in the rough." Outstanding among these is W. C. "Wes" Eade, personification of the West in the cattle country of San Lucas.

Wes' father was a miner who, during the Gold Rush days of 1849 when yellow dirt stampeded the pioneer, joined one of the covered wagon trains and crossed the plains with his parents. During the trek Wes' grandfather contracted cholera and was buried on the prairie. Wes' father continued on and reached the sunset land where he worked in the mines for several years, accumulating considerable wealth.

Top Cattleman. He put the gold dust panned from the creeks in the Golden State into a belt sewed around his waist and carried it back to the Middle West via the Isthmus of Panama. He later was married and returned to California in 1884. Of the 13 children born of this union, Wes became the outstanding cattleman, accumulating more than 22,000 acres of land and 3,000 head of cattle.

As we sat on a green, grass-covered hill in Long Valley discussing his life story, Wes said, "This is as good a cattle country as you can find outdoors. The bur clover and filaree that grow here is the richest of feed. Some years it becomes so abundant and high in quality that cattle die of bloat. It's even good country after it's been sandpapered off by overgrazing because they lick up the rich bur clover burs and stay fat."

When Wes was 16 years old he started punching cows for the famous Henry Miller, cattle king of California, Oregon and Nevada, who operated during the Roaring Eighties, the Gay Nineties, and a decade that passed the turn of the century. For 10 years he served

Brothers and all successful cattlemen are (left to right) Al, Bill, Heman and Wes Eade.

June 15, 1949
Manager Charles Krum sets control dials to mix a special ration for a pen of steers.

No Belts or Shafts Hamper Efficiency Of the All-Electric Setup at Capistrano Hereford Ranch in Southern California

By BOB ROBERTS

W HEN you’ve been mixing feed—even if you have a mechanical mixer into which you dump the ingredients—have you ever day-dreamed about a Rube Goldberg type of mechanism where a twist of a dial and a push of a button would produce just the right amount of just the right mixture, while you sat around and read yesterday evening’s paper?

That’s not just a dream! You can watch such a feed mill in operation at Capistrano Hereford Ranch, just two miles north of San Juan Capistrano—the place to which the swallows return in Southern California.

In operation for one year, the mill has a capacity of satisfying the appetites of 8,000 steers annually in the feed lot. It is entirely electric in operation, with 20 motors for 20 different operations and no belts or shafts to complicate the set-up.

The ranch is owned by Howard Krum and managed by his son, Charles. Assistant Manager W. C. Hatfield—you shouldn’t be surprised to learn—boasts a noteworthy background as a research engineer in electronics and mechanical engineering.

Experimental Work. In its feeding operations, Capistrano Hereford Ranch is working in close cooperation with the University of California to test experimental rations. Operating on a batch system, the mill can be set up...
Six beams in scale cabinet record weights of ingredients in ration being prepared.

Spiral gear moves feed from grinder to storage bin for future use in rations.

Conveyor takes baled hay to the chopper, magnet removes any metal in feed.

This section of mill mixes rations, responds to push of a button.

Chopped hay is blown into cyclone and foreign matter removed.

Mixed ration for feeding is next dumped in special trailer and taken to mangers.

Chutes on sides of trailer maintain a steady flow of the ration into corral mangers.
OGDEN... Hub of the Intermountain Livestock Industry

By LOU GLADWELL
Publicity Director, Ogden Livestock Show

OGDEN, hub of the vast Intermountain livestock business, last year handled through its Union Stockyards more than 2,000,000 cattle, lambs, hogs and horses. This fact is virtually unknown to Utahans, who take pride in Ogden as a crossroads for rail lines running into the West. Ogden today is a center of a widespread livestock industry encompassing all of Utah, western Wyoming, southwestern Montana, southern Idaho, eastern Oregon and eastern Nevada—an area known as its normal trade territory.

Livestock sold on the Ogden markets during 1948 totaled $106,000,000, exclusive of special sales promoted by the Ogden Livestock Show. Receipts during the year at the Ogden yards totaled 2,037,000.

A breakdown of Ogden receipts shows there were 311,066 head of cattle, of which 148,438 head sold on the Ogden market; 313,205 head of hogs received, 74,047 sold on the Ogden market; and 1,370,543 head of lambs received, 791,462 head sold. Animals not sold were watered and fed for various periods and then shipped to final destinations. In addition, there were 42,206 horses received for horse meat plants in Ogden and Los Angeles.

Intermountain Market. R. C. Albright, general manager of the Ogden Union Stockyards, reports that about 90% of the livestock sold on the Ogden market last year was grown by Intermountain stockmen, indicating the importance of the Ogden hub activities to the general economy of the Intermountain states.

As a logical outgrowth of this activity, an entity known as the Ogden Livestock Show came into being 32 years ago to serve as a showcase of the livestock industry. The purpose of the show is to concentrate the types of livestock that produce the heaviest meat yields, largest calf crops and greatest economy of growing, thus enabling producers of the Intermountain country to learn how their own herds and flocks can be improved. Better livestock means higher cash returns for the industry itself and a corresponding improvement in the economy of the area.

Quality Advancement. E. J. Fjeldsted, veteran manager of the Ogden stock show, believes the Intermountain country during the last 15 years has made greater advancements in improvement of the quality of its livestock than any similar area in the United States. He estimated that the stock show series have been the means of distributing 15,000 head of high quality bulls at its auction sales and that the bulls have produced 2,500,000 head of cattle that have reached the markets.

"The important mission of the Ogden Livestock Show has been to raise the quality of commercial livestock, which in turn raises the standard of living for the people of the area," Fjeldsted believes.

J. D. Reid, secretary of the Intermountain Hereford Breeders Assn., says the value of Ogden's stock shows to cattlemen is demonstrated in the purebred Hereford cattle auction sale programs that have been held in conjunction with stock show week for 16 years.

Change Noted. "During the comparative brief span of years the association has sponsored these purebred sales the Herefords roaming Western rangelands have changed from scraggly critters to big, growthy animals that re-
OREN F. BOIES raises fine horses and finer cattle. A successful cowman and race horse owner-enthusiast, the lanky, genial rancher has spent most of his 48 years in the saddle, first as a cowboy in Colorado and for more than two decades as a Nevada cattleman in Elko County.

Now his family wants him to take it easy, but Oren isn’t ready to turn his “string” over to anyone, not even to his son, or his vivacious daughter, Nevada, and her husband, Jay Strode.

Oren rides horses of Thoroughbred breeding and four years ago obtained Sureyn, a purebred Arabian stallion, from the Remount Service. His special pride, Sure Fire, is the first of the Boies half-Arabs.

To raise good cattle you have to know your cows and bring them good bulls—that’s what Boies preaches, and he’s put it to practice in his small purebred Hereford herd. His herd supplies about half of his bull needs: he tops Idaho and Nevada sales for the balance.

The Holly Sugar Corporation can vouch for Boies’ Seven V Bar cattle, for they have paid the highest prices for his steers in 10 out of the last 12 years. In 1942 their buyer dealt for the steers by mail, never seeing his purchases until they reached a California feedlot.

Boies is now a vice president of the Nevada Cattlemen’s Association. For the past 10 years he has been president of the Elko County Fair Board.

The Boies family arrived in Nevada in June, 1923, and in the spring of 1927 moved to the old O’Neil Ranch, located 50 miles from Wells and about 20 miles from the Idaho line. The Boies home ranch is one of the beauty spots of northern Nevada. Resting at the foot of two giant rimrocks, it soon shows a stranger why Oren Boies and his family prefer home to any place in the world.
Bellview 4-H Beef Cattle Club of Ashland, Ore., joined WLJ West Cascade Beef Cattle Tourists in looking over Ralph L. Cook’s Polled Herefords at his ranch near Medford.

Tour members showed much interest in herd sire Criterion 16th of Haybrook Farms herd. above, near Port Angeles, Wash. Owners Dr. and Mrs. J. C. Hay entertained with buffet.

Future Polled Shorthorn champions greeted visitors at the Bill Bennett ranch near Oakville, Wash. A new herd, it was rated the most outstanding of its breed during 1948.

SUCCESS of the 1949 West Cascade Beef Cattle Tour sponsored by Western Livestock Journal, is well illustrated in the pictures on this and the following page. Twenty top beef-producing herds of Northern California, Oregon and Washington were visited during the junketing five-day tour that began May 22.

This year’s tour was distinctive in that more prospective buyers traveled in the party than in the past, with attendance at some points reaching a high of more than 250 persons. More individual cattle were reported sold than on any previous tour.

What they found, a few of the successful operators they met and candid shots of the tour party are pictured here.

Radioman Earl A. Britton, with Julie McKenzie, showed grasses to tourists.
At Col. A. A. Hooker's ranch, McKenna, Wash., manager Earl Hibbs displayed foundation females, new herd bull prospect.

First stop on the Tour was at A. B. Hoy's ranch at Weed, Calif., where party saw sons and daughters of Good Donald 10th.

Bandolier bloodlines predominated when the Tour stopped at Harold Bowman's Rocky Ridge Angus ranch near Roy, Wash.

Manager Gordon Dunham at Spring Meadows Farms, owned by Kenneth Hall, Oswego, showed new herd sire, Eileenmere 2500.

Hereford breeders Glen Martin, McCoy, Ore., Jim Burrell and Bill Burrell, Salem, Ore., pose for photo on West Cascade Tour.

TT Majestic 7th was the center of attraction when tourists stopped at Walter Hubbard's Hereford ranch near Junction City, Ore.

Tour members included Al Bauer, radio station KPOJ, Portland, PI Manager Walter Holt, John Coanor of coast Angus Assn.
The Intermountain Market Is WEST

Compiled from Information Furnished by F. W. Beier, Jr., Regional Livestock Statistician, Denver, Colo.

A growing Intermountain livestock industry is looking westward toward the three Great Basin states — for its cattle and replacement cattle market. With the population of the Coast states registering a growth of 45% from 1940 to 1948, the demand for meat has resulted in a large increase in the slaughter of Intermountain cattle, hogs and sheep.

As the Coastal region population climbed from 9,033,000 to 14,144,000, the same eight-year period witnessed a nationwide gain of 11%, which created a demand in all directions for more cattle and hogs and a larger local outlet for lambs in the Intermountain area.

Livestock production and inventories on the coast have not kept pace with the growing population, and Intermountain stockmen have been meeting the need for more and more meat. Cattle inventories in the three Coast states in recent years have constituted about 6% of the total United States supply, while cattle slaughter along the coast has accounted for around 9% of the nation's total.

Slaughter Increase. For more than 20 years the seven Far Western states have comprised a deficit cattle producing area, shipping in more cattle than were moved out and sending few to the East. Within the last few years, the demand for livestock has resulted in a larger movement of cattle from Montana, Wyoming, Colorado, and New Mexico to western markets. There also has been a corresponding increase in the slaughter of cattle in the Denver area. A combination of the West Coast demand and needs along the coast slope of the Rocky Mountains has resulted in greater cattle movement from the Plains states and Texas to the Intermountain region and further west.

This generally large increase in the westward movement of cattle has been evidenced in both slaughter and replacement animals. With a general increase in the feeding of cattle in the West, mainly in Idaho, Colorado and California, stocker and feeder cattle from states east of the Rockies, the Plains states and Texas now supply the western demand for feeder cattle and cattle for grass and pasture finishing.

Cattle and calves arriving in California during the first three months of this year came mainly from Intermountain states. Arizona led all other states with 63,573 head, and Utah was second with 36,875. In third place was Nevada with 34,721, while Idaho placed fourth with 28,010. These states were followed closely by Oregon, Texas, Montana and Colorado.

Hogs Imported. Hog production in the coast area has been for many years below packed demands, with California importing an increasing number of hogs. The northern Coast states have been forced to draw hogs from Montana, the Dakotas and Nebraska. California now is receiving a smaller proportion of its hogs from the Intermountain states and Texas, with an increased proportion from Nebraska and the Midwest.

Declining sheep numbers in the

Please Turn to Page 96

WESTERN LIVESTOCK JOURNAL
Do you remember this calf at the 1947 Cow Palace show?

DANDY DOMINO 21st
Now One of our Junior Herd Sires

At the 1947 Cow Palace Show, Dandy Domino 21st, although a May calf, won the junior bull calf class for his breeder, J. F. Miller. He went on to make a great yearling, standing second in class only to the Champion bull, our MW Prince Larry 15th, at the great R. J. Royal Show last fall. He is a son of J. F. Miller’s great young register of merit sire, Double Dandy Domino, and is out of the register of merit cow, Miss Pioneer 57th, by Onward Pioneer. The Milky Way cow herd today includes 90 daughters of Larry Domino 50th. It is primarily on this group of cows that we are using Dandy Domino 21st. The Milky Way herd has for many years had a strong infusion of the blood of Dandy Domino. We are confident that through Dandy Domino 21st our herd will benefit further from this blood so long popular on the West Coast.
**Question of the Month**

"Why has there been such a drastic reduction in sheep numbers, what should be done to halt the downward trend?"

**Martin Arnold, Gaylord, Ore.:** "There are no doubt are several reasons for the drastic reduction in sheep numbers, but one of the big reasons is the displacement of sheep range—range that was once used by the large operators. This range has been lost through Forest Service and the Taylor Grazing Act. It has been taken over and grown up to mostly, under the so-called reforestation. In many areas, sheepmen could drive their bands from summer to winter range but now transportation is the large expense. It is hard to find labor that will work with sheep and no one wants to raise sheep any more. Most people think it belittles their dignity. The importation of foreign wool also has had an effect on sheep numbers.

"Some of the cures for this downward trend would be to stop importation of foreign wool until the government stockpile is gone. Return of the lost sheep ranges and opening up some driveways again would also help.

"Another thing needed is to educate the future generation to think more liberally of sheep raising. Go to a fair and watch the 4-H and FFA boys and girls, and see what they are interested in. You will find them near the tractors, trucks, machinery, to say nothing about automobiles or airplanes, appliances, etc. Livestock doesn't hold their attention any longer than they have to stay with it."

**Robert F. Miller, professor, University of California, Davis:** "The four principal reasons for the reduction in sheep numbers are: first, the shortage of well-trained labor, mainly sheep herders, who are so essential in the handling of range sheep; second, the inability of sheep to compete in farm income with the high price of staple crops such as barley, wheat, cotton, rice, flax, etc., causing large areas of suitable sheep range to be plowed up; third, the heavy encroachment of brush which has greatly reduced the carrying capacity of the range; and fourth, the passing of the Taylor Grazing Act which has largely eliminated the 'tramp' sheepman and his 'woolies.'

"What to do about this reduction is another question, although it is my opinion that economics will play a large part in the restocking. When labor becomes more plentiful, prices of farm crops return to normal, and improved management practices are adopted, sheep numbers will increase. The extensive development of irrigated pastures in California will further stimulate lamb feeding and will also have an influence on sheep and wool production. There is an increasing consciousness of grass and grassland development, and sheep are best adapted for converting this grass and other forage into products useful to man."

**Peter Palm, pres., Southern California Wool Growers Assn., Ramona, Calif.:** "Where are you going to run that band of sheep? In one of those million new subdivisions? Next to one of those new dude ranches? (Ask the owner if it is O.K. to run sheep next to him and the answer is, 'No, they smell.') Are you going to run sheep on one of those newly created recreation reserves? On one of those bombing ranges where hundreds of thousands of sheep used to run? "How about running sheep on one of those places you saw last summer on your vacation that took you for miles and miles after you passed the 'National Forest—No Smoking' sign without finding any shade—except under that same sign. How about those national desert reserves of wildflowers? "Good or even submarginal land has become too valuable since the war to use for grazing sheep, with above mentioned parks, etc., comprising over 40% of the acreage in California. Grazing is either forbidden or you have to hire a lobbyist who knows a lobbyist, and..."

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**The July Question**

"Do you favor Secretary of Agriculture Brannan's proposed cash subsidy farm program?"

Send your answer along with a photograph of yourself to "Question of the Month." Please limit answers to not more than 300 words.
LUCKY HEREFORDS are lucky indeed to live and thrive in the 1200-acre soil and water conservation project, which is LUCKY RANCH. Sprinkler systems carry impounded water to level acres which provide alfalfa and permanent pasture to balance the hill grasses for the 100-head herd founded on Baker cattle, plus herd sires from the Cow Palace and the champion pen of Circle Dot heifers in a State sale. Later came heifers and herd sires from Dr. Scott's Hillcrest herd, including Lucky Flash Blocky by Royal Flash, Lucky Duke Re-turn by WHR Royal Duke 11th and Lucky Prince Mixer, top selling bull in the Denver sale of '48 at $15,000, he a son of OJR Royal Domino 5th.

LUCKY HEREFORDS are lucky, too, for the reason that modern JAMESWAY BARN EQUIPMENT has been selected to make LUCKY RANCH buildings better to serve their purposes in matters of appearance, convenience, light and sanitation.

"JAMESWAY BARN EQUIPMENT has lent itself admirably to our purpose and has already been installed in our Cow and Calf Barn where little 'Luckys' get their start in making Good Herefords of themselves," says Walter Carlton, superintendent for owner Eugene S. Selvage of Day Road, Gilroy, California. "In fact, JAMESWAY has been adopted for our barn building pro-gram, both for cattle and horses."

JAMES MFG. CO., Western Division
Dept. WLJ 6-49, 3520 Medford St., Los Angeles 33, Calif.
Phone: ANgelus 10386
CARLOADS OF SERVICEABLE AGE BULLS FOR SALE AT OUR RANCHES NOW

Larry G. Domino 6th

Each passing day brings additional proof of the superb ability of Larry G. Domino 6th as a sire. In our own herd the calves are superb. From our champion pen of heifers at Red Bluff (bought by Tod & Thelma Ford, Orland, Calif.) the "Larry" calves are attracting wide attention.

HIS BLOOD brings still another advance in the Peterson breeding program which produced in the 1948-49 season: Champion pen of five bulls, Elko; Reserve Champion pen of five bulls, Ogden; Champion pen of five females, Red Bluff; Champion pen of three bulls, Reno; Top-selling pen of five bulls, San Francisco; First carload of bulls sold at Denver; Champion bull, Reno; Reserve Champion pen of five bulls, Reno; Top-selling pen of five bulls, Red Bluff. Such consistency illustrates the uniform high quality which we strive continually to produce.

PETERSON BROS.
"Heifers of Quality"
Ogden, Utah Starr Valley, Nev.

by the time you get your permit your sheep have starved. Unless you put them in cold storage in the meantime, as someone back there in Washington, D.C. might suggest — someone who does not know what end of a sheep he is facing but who will tell you how to raise them.

"Merely getting a piece of paper giving you some kind of right to run sheep perhaps one day a year does not justify anyone going to the expense of developing water, erecting a camp and investing in a herd of sheep costing in the neighborhood of $30,000 for 1,000 head, when you do not know from one day to the next what your wool is going to bring or when a brainstorm will blow up in Washington starting a lambless or woolless day each week.

"With better living conditions in the cities, shorter hours and better pay it is almost impossible to get responsible help for tending sheep, involving long, uncertain hours. Trusting $30,000 in sheep to irresponsible help and coyotes is no safer than trusting it to the wolves on Wall Street.

"The reduction of sheep could be halted if we had either no government interference (with supply and demand taking its course) or a definite price for our wool with a set tariff. During the past eight years or so we have had more adjustments and regulations than can be counted. Next, we should eliminate red tape barring the immigration of some Basque shepherders. We should cut out other red tape which keeps sheep off reserve lands, by whatever name they are called. Contrary to general belief, the sheepman wants his sheep in good condition and this is not accomplished by overgrazing. Sheep have proved beneficial in improving range, especially in brush country where they are the only animals that will eat certain amounts of brush and browse. Thousands of acres of land in California would be ideal sheep range if a large, regulated brush burning campaign were administered. And this acreage of brush and rock hills would perhaps receive some good from using it for bombing ranges, thus returning to sheepmen their old grazing lands."

CALVIN ANDERSON, Birds Landing, Calif.: "Several factors are involved in the reduction of sheep numbers in the U.S. The biggest reduction in numbers has no doubt taken place in the flocks of the large sheepman who hires practically all of his work done. The least reduction has taken place in the farm flocks which number generally from 50 to 600 or 700 ewes. These small flock owners often farm along with their sheep raising and raise their
Yes, it's true! Others have proved that Heady & Ashburn's can be shown successfully and sold well in toughest competition. But our job is not that. We do no fitting, do no showing. Our job is full time work with the herd bulls and the cows, striving to breed better registered Herefords... being sure that they are of money-making type and backed by prepotent blood... and to develop them "in the rough." Come and see us.

Heady & Ashburn
TOM HEADY - MARSHALL ASHBURN PATAGONIA, ARIZ.

Attend the OGDEN LIVESTOCK SHOW Nov. 12 - 16

HEREFORD MARKET of the WEST Each year, better in quality, plenty to select from. Make it a point to buy your Herefords in the

OGDEN SALE NOV. 15

175 BULLS 50 FEMALES
Share in breed progress by buying your seedstock (bulls and females) in the Ogden Sale. Consignors from all over the west annually send their best to Ogden. Last year's sale was the most successful yet from the standpoint of quality of consignments and acceptance by buyers.

Herd Bulls, Range Bulls, Pens of Bulls
Top Females, Pens of Heifers

Selling individually and in pens of 3 and 5. All prize winning pens must sell through the auction. All pens sell without choosing. All sale bulls must grade "B" or better.

Intermountain Hereford Breeders Association

Sale entries close September 15.
Get your entries in early.
For details, write...
J. O. Read, Sec., P. O. Box 469
Ogden, Utah

June 15, 1949
DOUBLE DANDY DOMINO

FULL INTEREST IN THE “89TH” IS NOW OURS
through a recent transaction with Alan Feeney . . . His winnings include Grand Champion, Cow Palace 1947 and 1948; Reserve Champion, International, 1948; and Grand Champion, Denver, 1949 . . . We believe he is our answer to “Where do we go from here?”

We are now offering 15 cows, most of them with Double Dandy Domino calves at side, and rebred to Double Dandy Domino or the “89th”. Also, a dozen good yearling bulls by Double Dandy Domino and Advance Domino 1st.

J. F. MILLER — HAYDEN, COLO.

ED NORMAN, Herdsman

CHAMPIONS THROUGH CHAMPIONS IS OUR GOAL

With these two great Champion bulls, each with phenomenal two-year show records, rests this responsibility.

Double Dandy Domino has passed the test as a sire extraordinary, his get numbering among their 1948 winnings the undefeated GET-OF-SIRE and Grand Champion Female at the “RJ” Royal, Grand Island National Show, Blue Grass Hereford Show and the Eastern National Livestock Show.

MW LARRY DOMINO 89th
own feed and hay. They run their sheep under fences the year around, so the cost of feed and labor has affected them very little.

"On the other hand, the large operator has to depend on much feed and labor produced by someone other than himself. In line with this, the Forest Service grazing permits were cut and have been threatened to be cut more from year to year. In many sections of the Western states, large herds of deer and antelope have been developed and along with diminishing native grass in the mountain ranges, this has caused a serious problem for the sheeple. Lack of water on the summer mountain ranges has had a definite bearing on carrying capacity, too.

"High prices for grain and other farm products encouraged land owners to plow up a lot of land which sheepmen had been using for winter and spring lambing ranges before moving to the mountains in the summer. This forced some sheepmen out of the business, or put them onto alfalfa fields for their winter feed, which runs into an expensive operation.

"During the war, the Government saw fit to place ceiling prices on meat, while allowing industry to operate on a cost plus basis. This was also a large factor in the reduction of sheep population, because industry was setting labor prices on their cost plus scale and the sheepleman was trying to operate and compete for what labor there was under a ceiling price.

"High meat prices of the past 8 or 10 years which have been brought on by shortages, have caused even greater reduction in ewe lambs which under more stable conditions would have been carried over as replacements. The man who ordinarily would be purchasing replacement ewes has been reluctant to meet the high slaughter prices because he would have to wait for two years, at the least, to get a return on his investment. The decline in prices of other farm products has caused him to be wary for fear that it could mean several years before clearing his investment if the prices of sheep and lambs were to decline.

"As far as doing anything to halt the downward trend of the sheep population goes, I really do not think there is too much that can be done, except to have the Government do some reseeding on our mountain ranges.

"Perhaps when things turn to a more normal state we will see the sheep population increase. There already seems to be a movement along that line. Ram sales that have been held in

Adams's Madam
By S. Omar Barker

Women are hard to understand!
With plenty of fig leaves close at hand,
Eve complained as she brushed her hair,
That she just didn't have a thing to wear!

June 15, 1949

FEED YOUR CATTLE WHERE YOU CAN SHOW GREATER PROFITS BY:

- Higher gains at lowest cost per pound of gain
- Higher yields in the coolers
- Low-priced home-grown feeds (from San Joaquin Valley)
- Experienced and Balanced feeding by Bob Beechinor
- Feed mixed and fed fresh daily

Perfect climatic conditions for year-round feeding—Pens always dry—Short haul to either Los Angeles or San Francisco markets—We pass lower costs on to stockmen or packers.

Write, phone or wire for space reservations

CAMP and MEBANE CATTLE CO.

Phone: Bakersfield 2-2014
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S. A. Camp, pres.
J. Y. Camp, vice-pres.

P.O. Box D, Shafter, Calif.
Kenneth Mebane, partner
Robt. Beechinor, manager

Spray-Dip

Saturation

Scientifically Controls
FLIES, LICE & TICKS

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

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

LIVESTOCK SPRAYER MFG. CO.

771 COLEMAN ST. • SAN JOSE, CALIF.
4701 LAFAYETTE ST. • DENVER, COLO.
AZRONA DISPERSION—Cattlemen from several states attended the Midvale Farms dispersion of registered Herefords at Tucson, Ariz., last month. Their bidding made a successful sale, showed demand for better bred individuals in this Intermountain State.

the past two years throughout the Western states have shown a decided increase in demand for the more popular of white-faced or wool breeds of sheep.

the past two years throughout the Western states have shown a decided increase in demand for the more popular of white-faced or wool breeds of sheep.

“Barring serious droughts, I think that the sheep population will start on a slight upward trend, though it may never reach the heights that it attained in the past.”

The following answer to last month’s question, “Do you think crossbreeding of beef cattle is a good management practice?” was received too late for publication in that issue.

HENRY WORTHINGTON, Imperial, Calif.: “It seems as though we should consider all the factors involved. To crossbreed cattle involves much careful management practice, in order not to defeat the original purpose—that of producing more efficient meat animals.

“From a feeder’s standpoint crossbred animals from a herd where careful selection of the breeding herd has been made, have done an outstanding job.

“I feel as a general policy, that crossbreeding is not practical and I believe to the men who are running breeding herds the reasons are quite obvious.

“Of course, there are exceptions where crossbreeding of cattle has proven to be quite practical. Especially in the semiarid regions of our nation where heat and insects present a problem. As I see it, this is the exception and not the rule. I believe this has been generally accepted by men who have by experience proven that as a general practice the benefits derived from crossbreeding do not offset the problems inherited.

“I believe we have to treat this question in the same manner as we do the culture of crops and follow the policy that is most practical in our own operations.”

The West grew up in LEVI’S!

And after 99 years, Levi’s are still first choice of Western men of action. For longer wear . . . for better fit . . . you can’t buy better overalls than Levi’s . . .

- made of the heaviest denim loomed
- reinforced with copper rivets
- concealed copper rivets on back pockets
- cut to fit and tailored for comfort
- a new pair free if they rip

* The name LEVI’S is registered in the U. S. Patent Office and denotes overalls made only by Levi Strauss & Co., Main Office, San Francisco
half the herd

Doesn't it appear as tho the WHR bull which sired these calves was "half the herd" and possibly more?

--- on the range, too

for scale and quality, for stamina and all-around dependability, for year in and year out satisfaction . . .

WHR bulls

Sons and daughters of WHR Resolute 77th (by WHR Dynamic Aster) on the Clifford Bell, Jr., place at Pulaski, la.

Iowa or Oregon, Nevada or Texas, WHeRever you go, WHR bulls and WHR females are factors in making better beef cattle.

WYOMING HEREFORD RANCH

Cheyenne
Pasture Costs—
California Studies Reveal Variation
From $1 to Over $7 Per Animal

By B. B. BURLINGAME

RECENT irrigated pasture cost studies conducted in Butte, Colusa, Sacramento, San Joaquin and Yolo Counties in California revealed wide variations. Costs and the amounts of pasturage obtained per acre were found to vary among individual records because of differences in management practices, soil types, kinds of plants in stands and source of water.

Pasturage in the studies was measured in terms of animal-unit months. An animal-unit month was considered to be equivalent to the average amount of total feed which would be consumed per month by a mature beef animal or a dairy cow producing 200 lb. of milk fat per year. This unit was also considered to be equal to approximately 400 lb. of total digestible nutrients or the equivalent of 0.4 ton of hay. All livestock using pastures were converted to this basis, depending upon their probable total feed consumption. For example, dairy cows giving 400 lb. of milk fat per year were rated at 1.33 animal units, yearling dairy heifers at 0.66 animal unit, lambs—70 to 90 lb.—at 0.15 animal unit, and mature sheep at 0.20 unit.

Other feed given to animals while they were on pasture was deducted from total feed requirements in calculating the net animal-unit months from pasturage. Any hay harvested

<table>
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<tr>
<th>Summary of Irrigated Pasture Management Study Records in Northern California Counties,*</th>
<th>1944</th>
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<th>1946</th>
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<tbody>
<tr>
<td>Total number of records in studies</td>
<td>26</td>
<td>22</td>
<td>25</td>
<td>24</td>
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<tr>
<td>Total acres covered by records</td>
<td>1,472</td>
<td>919</td>
<td>1,068</td>
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<td>Animal-unit months of pasturage per acre:</td>
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<tr>
<td>January</td>
<td>0.1</td>
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<td>0.1</td>
<td>0.1</td>
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<tr>
<td>February</td>
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<td>0.2</td>
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<tr>
<td>March</td>
<td>0.5</td>
<td>0.5</td>
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<td>April</td>
<td>0.8</td>
<td>1.4</td>
<td>1.3</td>
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<td>June</td>
<td>1.4</td>
<td>1.5</td>
<td>1.2</td>
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<td>July</td>
<td>1.3</td>
<td>1.5</td>
<td>1.1</td>
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<td>August</td>
<td>1.3</td>
<td>1.4</td>
<td>1.1</td>
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<tr>
<td>September</td>
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<td>1.2</td>
<td>1.0</td>
<td>0.9</td>
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<tr>
<td>November</td>
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<td>0.6</td>
<td>0.4</td>
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<td>December</td>
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<td>0.1</td>
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<tr>
<td>Total for year</td>
<td>10.0</td>
<td>10.9</td>
<td>9.8</td>
<td>9.4</td>
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<table>
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<th>COSTS</th>
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<tr>
<td>Irrigation labor</td>
<td>$ 6.16</td>
<td>$ 7.88</td>
<td>$ 8.69</td>
<td>$ 7.04</td>
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<tr>
<td>Other labor (fence work, fertilizing, clipping, etc.)</td>
<td>1.88</td>
<td>2.69</td>
<td>2.65</td>
<td>1.63</td>
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<td>Water cost of power for pumping</td>
<td>5.03</td>
<td>5.07</td>
<td>3.68</td>
<td>5.34</td>
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<td>Other materials (see fertilizer, etc.)</td>
<td>2.07</td>
<td>4.80</td>
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<tr>
<td>County taxes</td>
<td>1.30</td>
<td>1.24</td>
<td>1.44</td>
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<tr>
<td>General expense and other cash costs</td>
<td>0.99</td>
<td>1.13</td>
<td>1.03</td>
<td>0.80</td>
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<tr>
<td>Depreciation on stand</td>
<td>1.74</td>
<td>1.57</td>
<td>1.79</td>
<td>2.32</td>
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<tr>
<td>Depreciation, irrigation system, fences, etc.</td>
<td>2.23</td>
<td>1.92</td>
<td>2.01</td>
<td>2.56</td>
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<tr>
<td>Total cash and depreciation costs</td>
<td>$21.42</td>
<td>$26.30</td>
<td>$23.43</td>
<td>$23.87</td>
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<tr>
<td>Interest on average value of stands, 5%</td>
<td>$ 0.43</td>
<td>$ 0.42</td>
<td>$ 0.41</td>
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<td>Interest on average value of facilities</td>
<td>0.98</td>
<td>0.91</td>
<td>0.92</td>
<td>1.72</td>
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<td>Interest on normal land values</td>
<td>6.28</td>
<td>5.89</td>
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<td>Total cost of production</td>
<td>$29.11</td>
<td>$33.52</td>
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<td>$32.62</td>
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<tr>
<td>Cost per 100 lb. total digestible nutrients</td>
<td>$ 2.92</td>
<td>$ 3.09</td>
<td>$ 3.09</td>
<td>$ 3.48</td>
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<tr>
<td>Equivalent value of alfalfa hay per ton at above</td>
<td>$ 0.73</td>
<td>$ 0.77</td>
<td>$ 0.77</td>
<td>$ 0.87</td>
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</tbody>
</table>

* Included records from studies conducted by the Agricultural Extension Service in Butte, Colusa, Sacramento, San Joaquin, and Yolo Counties.
† Based on one animal-unit = 400 lb. total digestible nutrients.
STEEPLE X BULLS bring to your herd this royal, widely approved breeding PLUS the stamina of high altitude development.

**STEEPLE X RANCH, SPRINGERVILLE, ARIZ.**
WM. A. SPENCE, Manager

### Sires in Service

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<th>Sires in Service</th>
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<tr>
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<td>WHR Royal Flash 2727746</td>
<td>Larry Domino 50th 2044412</td>
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<td>WHR Miss Champion 3d 2691214</td>
<td>Miss Sturges 2189984</td>
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<td>WHR Plus Domino 17th 2090367</td>
<td>Dandy Domino 102d 1771766</td>
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<td>WHR Royal Heiress 53rd 2080007</td>
<td>Lady Mischief 9th 3241016</td>
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<tr>
<td>MW Larry Domino 79th 4568804</td>
<td>SXR Royal Mixer 4560630</td>
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<td>Larry Domino 50th 2065783</td>
<td>WHR Princeps 27th 2142740</td>
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<td>WHR Royal Heiress 92d 2-462604</td>
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<td>Colorado Mischief 3244228</td>
<td>WHR Triumph Domino 6th 2458643</td>
<td></td>
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<tr>
<td>Princess Domino 2457884</td>
<td>WHR Belle Onward 11th 1846128</td>
<td></td>
</tr>
</tbody>
</table>

STEEPLE X BULLS stand up under hardest usage, and they have a record of sireng show winning, market topping Herefords. Put in a set of STEEPLE X BULLS this season.

Dominator is one of the potent sires turning out for you, those uniform, smooth, straight legged, good headed, easy fleshing Las Vegas Ranch Registered Herefords. Dominator is by WHR Pinnacle 20th and out of a daughter of O. Prince Domino 5th. Our succession of sires has included O. Prince Domino, 5th; WHR Pinnacle, 20th; WHR True Mold, 30th; WHR Superfection 22d; WHR Heritage 43d and Dominator. For Range Bulls, for Foundation Females, you can always depend on Las Vegas products.
was converted to animal-unit months and added to pasturage but the costs, aside from mowing, were not included.

Pasture Costs Vary. Pastures in the study ranged in age from one to 15 years. The cost of establishing these stands depended largely upon the amount of land preparation required, the seed mixture used, wage rates and seed prices at time of planting. Original costs varied from a few dollars, where seed was sown in old alfalfa stands, to $30 an acre. Depreciation on most stands was calculated at 10%. Interest on investment charges was computed at 5% of average value of stands, fences, irrigation, and other facilities. Average values for the life of these items were figured at one-half the original cost. Land values used in computing interest costs were based upon normal agricultural values which were somewhat lower than market values during the four years indicated.

Total annual costs on individual pastures in the studies ranged from about $16 to over $80 per year. Pasturage obtained was from 5 to over 20 animal-unit months per acre per year. These wide variations in costs and use resulted in some pastures having a cost per animal-unit month as low as $1 while others ran as high as $7 or more. All records in the four years of the studies averaged $3.14 per animal-unit month. The average cost per 100 lb. of total digestible nutrients supplied by the pastures was one-fourth of this figure, or 79 cents. Hay averaging 50% total digestible nutrients could cost only $7.90 per ton to be equally as cheap.

Irrigation Expense. Irrigation was the most important annual cost item in the studies. On the average, a little over 60% of the total cash and labor cost was for water and irrigation labor. Water costs ranged from approximately

---

EYECATCHER—E. T. Foley, owner of Foley Farms, Santa Barbara, Calif., with Domestic Lamplighter, the Polled Hereford bull which attracted the attention of WLJ Beef Cattle Tour party members recently.

---

STALEY

STYLE BOOK

WHR PROUD MIXER A

The record made by WHR Proud Mixer A both in the showing and in general herd improvement stamps him as one of the really good sires in the West. He has sired the champion Get of Sire at 8 of the top shows in the Northwest; one of his sons was Reserve Champion bull at the Northwest Hereford Breeders Show in 1947; another was Champion bull at Ellensburg in 1948. He also sired the top selling female in the Aldarra-Staley-W.S.C. Sale in 1946 and the second highest selling female in our 1947 sale. In addition the Champion heifer at the 1949 Spokane Show and Sale and top selling female was sired by WHR Proud Mixer A.

You will have the opportunity to buy this breeding at our Fourth Annual Aldarra-Staley-W.S.C. Sale.

OCTOBER 25, 1949

STALEY HEREFORD RANCH

PULLMAN-WASHINGTON

L. C. Staley, Owner Herb Osland, Manager

WERNISH LIVESTOCK JOURNAL
We Found a DOUBLE APPEAL
When We Selected This New Herd Header

INDIVIDUALITY and ANCESTRY

Note the exceptional masculine head, the deep quarters and the general thickness. Then study his pedigree. **Donald Domino 26th on both sides**, with the famous Gertrudis cow family on the bottom side. We purchased this young three-year-old proven herd sire from Golden State Hereford Ranch in California. He will be in service with W R Duke 212, by Colo. Dom. M. 27, and a son of the $25,000 NHR Super Domino 9th purchased in the Pollock dispersion. They will serve a herd of many champion pens of females, selected for uniformity and individuality, from the leading herds of the nation.

Wayne Smiley, at the Ranch

Elwood Williams

13 Mi. East

EDEN HEREFORD RANCH

Ogden, Utah
Wonderful Joyride—

“I SAW more of California in that 12 days of your Beef Cattle Tour than I have in the 42 years I have been in the West, and learned much about our ranches, cattle, cattlemen and their generous and gracious hospitality.

“The University of California professor well named your Tour a ‘University on Wheels’ but he did not go far enough as it was also a wonderful joyride and one I shall never forget. It is impossible for me to single out any particular occasion or circumstance as being outstanding as I enjoyed every one and every minute of the Tour.

“There was much talk about bulls but no ‘Bull’ and it was my observation from conversations with the ranchers that they meant every word they expressed in praise of your Journal and really considered it a privilege to entertain the Tour and an honor to have it call at their ranches and feedlots.

“My son John and the boys with me from Pierce School say they learned the whys and wherefores of the theories they get in school in seeing them in practice on the various ranches. Please accept my appreciation for an enjoyable and instructive time.”

George C. Cook, Los Angeles, Calif.

Idaho Items—

“I SURE enjoy every issue of both the weekly and monthly editions, especially what Frank King writes about. The Indians are certainly entitled to the help, even though they aren’t getting much of it.

“It looks like we are in for a drouth this summer. There has been no rain since the snow went off, and now it is getting hot; could be bad for the cattle and sheepmen. Lots of the range is burned up now, but there seems to be plenty of water for irrigation.”

Fred R. Babbit, Council, Idaho.

Aid to Cattlemen—

“I’M interested in receiving the free booklets offered by your advertisers. I have enclosed the piece cut out of your magazine, indicating the desired booklets.

“These many services you offer to the cattlemen are indeed helpful. I cannot see how any cattleman can afford to pass up the opportunity of subscribing to such a wonderful magazine.”

Wm. G. Danilovich, Jackson, Calif.

Steer Saga Sidelights—

“FOR information, not curiosity:

In your ‘Saga of the Steer,’ page 65, May issue, you show: Packer paying $200 for 1,000 lb. of steer and selling 600 lb. for $252, thereby losing $8. What becomes of the 400 lb. loss weight, and what other returns does the packer realize besides the hide?

“The retailer makes theoretically $57; but he also has 60 lb. salvage. What does he realize from this?”

Al M. Dunn, Los Angeles, Calif.

(Ed. Note: The 400 lb. loss from the original weight of the animal represents the hide, fat, head, paunch and other edible and inedible parts not left on the carcass from which the packer realizes his profit. Because of the important contribution of by-products, it is typical for the beef from a steer normally to sell at wholesale for less than the live animal cost. The 60 lb. shrink for the retailer is in the form of around 4% in natural carcass shrink, 3% in bone and about 3% in inedible waste trimmings. Therefore, he realizes very little from the 60 lb. of salvage.)

Sweet Truth
By S. OMAR BARKER
Wives may be soothed
Of minor hurts,
By words in praise
Of their desserts!

HERD SIRES—

Larry Domino 141st
LM Larry Domino 76th
LM Zato Domino
LM Domino Tone
MW Prince Domino A 13th
MHR Royal Domino 31st

LONG MEADOW RANCH
Mrs. Robert T. Wilson, Owner
Jack Dew, Manager

PRESIDENT, ARIZONA
Banning-Lewis "Colorado Type" heifers on their Bromus grass pasture at foot of Pike's Peak.

LOOKING for BULLS or HEIFERS?
Before you choose, come to see

BANNING-LEWIS "COLORADO TYPE"

Here OPPORTUNITY awaits you

If you wish to produce quality cattle and still maintain SIZE and WEIGHT

If you wish to produce smooth, compact cattle and maintain RUGGEDNESS and ADAPTABILITY

If you wish to choose large or small numbers from a herd noted for UNIFORMITY of TYPE and HIGH QUALITY THROUGHOUT

BANNING-LEWIS RANCHES
On Highway 24, just 10 miles east of COLORADO SPRINGS, COLORADO

Owners
RAYMOND W. LEWIS
RUTH BANNING LEWIS

Address
831 No. Nevada Ave.
Telephone: Main 1242
We've just put into service these two outstanding young bulls of the Universal Larry Domino 50th Line

<table>
<thead>
<tr>
<th>Super Larry D 76 5418428</th>
<th>Super Larry D 37 5008777</th>
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<tr>
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<td><strong>Larry Domino</strong></td>
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He's working with other strong bulls in a cow herd recently increased by important purchases. Buy Thurber bulls for quality, for good feet, for ranging ability. Bred to make good for you.

THURBER HEREFORD RANCH
H. B. Thurber, Owner

SINGING VALLEY RANCH
Mr. & Mrs. W. J. Kitchell, Owners

SONOITA, ARIZONA

SONOITA, ARIZONA
in various capacities under this shrewd cattle operator.

Early Lesson. One day Wes met Henry Miller at San Lucas and took him to the Peach Tree Ranch in a buggy. As they reached San Lorenzo Creek, Miller asked if any cattle had been dying from anthrax. Wes said no. In so doing, he was protecting the foreman of the ranch. There was a steer lying close to the road that had died from the disease and its carcass had been dragged across the road and dumped into the creek bed.

Miller spied this well-marked trail and immediately got out of the buggy and went over to inspect the river bed, where he found some 40 head of cattle that had died from anthrax and had not been skinned. This was the last straw! He took off his new black hat, threw it on the ground, jumped on it with both feet and said, "Young man, you lied to me! A liar is worse than a thief. You can watch a thief but you can't watch a liar."

Wes became an expert cowboy while in Miller's employ, and the saying goes in the San Lucas country that he could ride anything that wore hair.

Scrapper. Furthermore, he was a real scrapper and in his heyday his friends say he could lick any man that walked. To quote Wes, "I didn't go touring around looking for a fight, but when one of these hombres got on the prod, I usually could accommodate him."

Even back only a few years ago Wes demonstrated that he was still king of his community when he separated two burly bar-room fighters.

The first money that Wes borrowed, $250, was from Henry Miller. "I paid 1% interest compounded per month on this sum of money," says Wes, "and I learned considerable about financing from this baron of the West, who was a champion when it came to picking clients to whom to loan money."

In 1900 Wes was married to Miss Bessie Bray. The wedding took place at the old Las Palmas Ranch near Salinas, now owned by Violini Brothers. Their family consisted of 3 girls and 3 boys, all of whom reside in and around King City and San Lucas, excepting for a son who died in 1928.

Buyer, Seller. Wes Eade's operations have been unique in that he has been a buyer and a seller during his entire career, "I never built up a good cow and calf herd because there was too much risk in having to dispose of these high-priced cattle during times of drouth. I used as my slogan during these years "Buy cheap and sell high." It sounds easy, but it was hard to do."

It takes natural instinct and ability to sense a good deal and to carry it through to successful completion. Some people, like Wes, seem born with this ability. Very few acquire it.

For the past few years Wes has been running Brahman cross-bred cattle. He

Your Chief Utah Source of WHR Blood

Why? Because for over 20 years we've been using WHR bulls, giving us nearly a 100% WHR herd. Lusty Herefords are thus uniform, right type and prepotent. Sired now by such bulls as WHR Royal Duke 122d (pictured above) son of WHR Royal Triumph, and WHR Molder 30th by WHR True Molder 15th.

Get This Good WHR Breeding Through Buying Yearling Bulls From Us This Fall.

R. S. Lusty, Duchesne, Utah

LUSTY HEREFORDS

SPRAY FOR PROFITABLE BEEF GAINS

Annual loss to U. S. stock raisers from grubs, flies, ticks and lice run into hundreds of millions of dollars. Don't you pay any part of it. Instead, spray down to the hide with a BEAN High-Pressure Sprayer. Ranchers report as high as 75 lbs. per head saved. High-speed, high-pressure spraying does the job by going deep, as contrasted to "surface" spraying that doesn't reach the deep-set grubs.

With a BEAN High-Pressure Sprayer you save every way—in time, labor, and material. Get all the money-saving facts.

Mail the coupon today—NOW!
A NEW BACA GRANT REGISTERED HERD

Built with the experience we gained as originators of the famed OJR Royal Domino 10ths...

The success of which breeding prompted us to start anew, building slowly, carefully until today we have as large a herd as ever and an even better one than before.

The New Baca Grant Herd is headed by such bulls as:

Baca R Domino 21st... quite possible the thickest, most compact, breediest son of OJR Royal Domino 10th.

SF Royal Mixer 17th... show winning son of the "10th," with great promise as a sire.

Baca King 1st... son of Baca R Domino 62nd and a power in himself.

Baca R Duke 11th... a son of Baca R Domino 21st and already a proven sire.

We will report to you from time to time the success owners of the sons and grandsons of the "10th," are having.

What have you heard?

Right: OJR Royal Domino 10th with ALFRED COLLINS, Baca Grant President and General Manager, the developer of OJR Royal Domino 10th.
HAT HIGHLIGHTS—Mrs. Marcus L. "Peq" Godfrey, Rolling M Ranch, Chino, Calif., and Walker Brownlee, Yongs, Ariz., demonstrate flowered hats made from ordinary cowhand straws which made a big hit on the 1949 WLJ California Beef Tour.

claims that they are the best of any. "They're cheap cattle, it costs less to run them, and even though one doesn't receive as much per pound there are more ships left at the end of the season. These cattle will go miles for a drink and live on short grass, and still come out looking slick and fat," he says.

It has been said that Wes Eade has bought and sold more cattle than most people in the San Lucas area. Most of his purchases were made in the Southwest and Mexico.

First-Hand Information. In carrying on these operations Wes wrote very few letters. Most of his communications were carried on by telephone and telegraph. The reading of government bulletins, government market reports, magazines and other material of that sort was not incorporated in his business activities. He got timely and accurate information on the cattle business from reliable acquaintances of big-time cattle interests.

Livestock meetings did not attract this successful cattleman's interest. When asked about this, he stated, "I've attended only two meetings of this sort during the last 20 years." One was a corn-hog meeting in King City, back in 1934. The other one was when he was invited as a guest at a meeting arranged by Nelson R. Crow of Western Livestock Journal on one of the Beef Cattle Tours through his area.

Although Wes did not avail himself of some of the educational and scientific information that is available on the cattle industry today, it is his opinion that young men engaged in the business should take advantage of these sources. His sons have followed their dad's advice in this regard and are using scientific methods.

Proud of Sons. Wes is very proud of his two sons. "One of the things I tried to do," he claims, "was to train them so that they would be better operators than I. Either of them can..."
When billing YOUR Livestock
be sure to say PREFER FEED AT
NORTH SALT LAKE

Continuous Running Water

Clean Pens

Under Cover

Home of the Famed INTERMOUNTAIN JUNIOR FAT STOCK SHOW and the NATIONAL RAM SALE.

CENTRAL MARKET

New Salt Lake barn for Transit Shipments.

SALT LAKE UNION STOCK YARDS

DON E. KENNEY
General Manager

Page 64

W "J" WASHOE DOMINO 3D
NHR Super Domino
29th—4718949
Queen Echo 5th
2734672

W "J" CLARIBEL 2ND 4887031
WHR Princeps Jr.
3637494
WHR Aquila Domino
32nd—2801304

WHR Princeps Domino 75th—2462611

Claribel Domino
2973189

WHR Princeps Domino 75th—
2462611

Claribel Donald 3d
1389491

W "J" CLARIBEL 2ND 4887031

When billing YOUR Livestock
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DON E. KENNEY
General Manager

Page 64

crawl off a horse, pull off his spurs and
handle himself like a top hand at most
any meeting."

Wes didn’t have to tell me that he
felt the rearing and training of three
boys and three girls to be outstanding,
successful citizens was the most im-
portant job he and Mrs. Eade have
completed.

As the conversation later drifted to
cow horses, Wes said, “They’re like
women and dogs! You find only one
or two good ones in a lifetime. Usually
these good horses are well bred with
some hot blood in them. The Tres-
conys own good ones. Most of the fel-
lovers that broke these horses were
Spanish or Mexican.”

Wes has been prominent in rodeos,
having been one of the first directo-
s of the California Rodeo at Salinas. He
has acted as judge of cow horses at
many of the Western performances,
and he also has been one of the strong-
est supporters and bidders in junior
fat stock sales throughout Monterey
County, helping the boys and girls get
full value for their livestock projects.

Comeback Trail. “How many times
have you gone broke since you’ve been
in the cattle business?” I asked. Wes
scratched his head and said, “I’ve never
been clear down and out yet, but back
in 1934 and ’35 the bankers were sure
nippin’ close on my heels. With a lit-
tle luck and some fast talk, I pulled
through.”

“Do any of these cattlemen who go
broke ever recover?”

“Very few of them make that come-
back trail. I can think of more men
who never made the grade back than
those who did. It’s wounded pride
that usually keeps them down. Severe
droughts and fluctuation in prices of
cattle are the two main things that
break people engaged in this business.
Of the two, drought is the hardest one
with which to contend because it can
not be predicted. If you watch your
p’s and q’s and are careful on your
marketings, fluctuation of prices many
times can be averted,” the cowman
added.

“Anyone can be a cattleman when
the filaree and bur clover is a foot high
and prices are good,” Wes continued,
“but when it fails to rain and the mar-
ket drops that’s when the boys are
separated from the men in this old
fascinating business.” And Wes has
been out of the “boys” class for a
long, long time.

One neighbor hit the nail on the
head when he described Wes Eade as
“the only cattleman I know who came
up the hard way, made a success and
is living his life today just the way he
wants to.”

Bureaucratic Blues
By S. OMAR BARKER

To guv’mint costs for soldiers
No citizen objects—
It’s those surplus swivelians
We’ve got upon our necks!
HOME OF THE $52,000
Real Silver Domino 44th
In service with his son

HCR SILVER DOM.
12th B.
and with
BLOCKY TRIUMPH
by Royal Triumph 33d
and out of a daughter
of the champion Blocky
Mischief 2d.

For Sale: SONS OF REAL SILVER DOMINO 44th
These pack the extra width, extra depth, extra thickness of fleshing characteristic of
the "44th's." The very points which last month caused Dr. R. H. Ellis, Portland, Ore.,
to pay us a good price for 1 son and 4 grandsons to be used on his Montana ranch.

BILL and LORNA ROSS
REGISTERED HEREFORDS
Steamboat Springs, Colorado

Many of our best calves this season are by

Royal Triumph 33d

... our son of WHR Triumph Domino 6th,
out of Lillian Domino by Domino Prince ...
He's a full brother of WHR Royal Triumph.

Yearling heifers and bulls for sale now
Sisters and brothers of the Winterton winning steers at 10 shows in
the last two years ... many by Baca R. Domino 23d, our son of famed
OJR Royal Domino 10th. YOU'LL SEE and have OPPORTUNITY TO
BUY Winterton's at the regular shows and sales again this fall and winter.

Winterton Bros.
Dependable Herefords
"Utah's Foremost Herd"
KAMAS and ROOSEVELT, UTAH

TWO IN A ROW AT RED BLUFF
Yes, Winterton heifers topped the selling at Red
Bluff this year and last, the above heifer selling
this season to Aceh Poled Herefords, Porterville,
Calif.
Buying competition provides a ready outlet for all classes of livestock.

OGDEN also provides an ideal place to stop your shipments for Feed, Water and Rest.

Bill 'em "Prefer Feed Ogden"

Ogden Union Stockyards Co.

Calf Springs Ranch
ENTERPRISE, UTAH

Our Herd Sires include: MW Tommy Domino 110th, by MW Tommy Domino 14th (pictured above), MW Prince Larry 44th, by MW Larry Domino 37th, MW Larry Domino 158th, by Larry Domino 50th.

20 Yearling Sons by the Milky Way bulls and out of our foundation females of Milky Way and Winterton breeding offered for sale.

Make A Date to see the herd at the ranch. We plan to have sale cattle at Ogden and Red Bluff.

MW TOMMY DOMINO 14th

PAUL HAFEN
ST. GEORGE, UTAH

PUSH-BUTTON FEEDING
Continued From Page 38

Instantly for a change in ration which makes it possible to feed any pen a different ration. The rations are worked out in advance and given to the mill operator, who sits before a master control panel, twists dials, pushes buttons and sets the automatic mechanism in operation.

These dials control the weight of concentrates to be automatically measured out from each of six storage bins. Below the control panel are six scale beams, attached directly to the release mechanism of a corresponding bin of concentrates. This allows the mixer to check the exact weight of the amount of each feed ingredient released for the specified ration. Augers under the floor of the mill then automatically take these various concentrates to the master mixer.

Chopped hay used in some of the mixtures is carried in the bale by a special conveyor over a magnet which takes out any foreign metal, to a hammer mill, blown up into a cyclone which removes the dust, then into a storage bin in readiness for inclusion in the various rations.

Numbering System. Once put together by the master mixers, the rations are passed through a molasses mixer and again automatically conveyed to storage bins. A numbering system is maintained to control the proper storage of each mixture and the feeding of this ration to the proper corral of feeder cattle. Batch No. 3 thus goes from the mixer into storage bin No. 3 and is fed to the steers in pen No. 3.

Even in the feeding operation, machinery plays the major role. Special trailers have been built to be towed behind tractors. Conveyor belts in the beds of these trailers keep the feed moving to the chutes on the sides of the conveyance and maintain a steady flow of the ration into feed mangers along the corrals as the trailer rolls along between rows of these feeding pens.

The electric motors which drive each separate operation in the mixing of the feed are wired with cut-out relays so that a breakdown along the line will immediately shut down all mechanism.

"I want a bigger cut of the take!"
Two of the several strong registered Hereford bulls siring RO bulls and RO females for you.

RO Asteroid Clayton
4th Domino T. 50th

We are constantly endeavoring to produce the kind of Herefords that will add weight and quality to our customers' cattle... under any kind of range conditions.

GREENE CATTLE CO., INC.
G. MARSHALL HARTMAN, Supt.
(San Rafael Ranch)
PATAGONIA, ARIZONA

H. H. Cazier Hereford Ranch, Wells, Nevada

Rugged, Quality, Registered Herefords

We will be glad to show you the quality and ruggedness, and how naturally and sensibly these cattle are raised in high mountain pastures. They're products of many years of raising outstanding registered Herefords. About 300 females of breeding age. Sired by Aster D Brown 20th and Aster D Brown 47th, both by WHR Aster Domino 42d; Colo. Mischief F7 and Colo. Mischief V79, both by Colo. Mischief L2; Colo. Dom. M251 and Colo. Dom. V16, both by Colorado Domino E10; Aster Blanchard 2d, who brings in a lot of our old Beau Blanchard 76th and Onward Domino breeding; also some by Prince Domino N 21st and OJR Royal Domino 10th. Uniform. Modern! The kind of cattle you'll be proud to use!
One of the busiest departments on the ranch is the service station and garage where repair and lubrication work is handled for all equipment, including nine tractors and a 250-horsepower diesel engine. Storage facilities on the setup include tanks for 8,000 gallons of gasoline and 7,000 gallons of diesel oil.

Highly Mechanized. As a matter of fact, the entire 7,500-acre Capistrano Hereford Ranch is on a highly mechanized basis. Roughly, the property is divided into 1,600 acres of barley, 31 acres of citrus, 125 acres of alfalfa and the remainder is grazing land. The plan is to produce as much of the feed used in the feeding operation as possible. Cattle are carried on grazing land then finished off in the feed lot. Corrals are 100 feet wide and 400 feet deep, with a fall of nine feet from upper to lower ends. Liquids that drain down this slope go into a drainage sump and plans are already in the blueprint stage for dehydrating manure and producing a commercial fertilizer with a manure base. The engineers figure around seven tons of fertilizer a day can be produced.

One busy department at the ranch is the garage and service station where repair and lubrication work is handled for all ranch equipment. A trained repairman and lubrication expert is kept on the job constantly and the ranch management looks on this department as the very heart of their operation. "A mechanized operation can certainly be no more efficient than the condition in which the machinery is kept," they point out.

Machines Aplenty. There's plenty of machinery to keep up. Nine tractors are in use on the place and a 250-horsepower diesel engine is used for irrigation booster pump operation. Storage facilities on the ranch include tanks for 8,000 gallons of gasoline and 7,000 gallons of diesel oil.

Progress moves along so rapidly on Capistrano Hereford Ranch, you really can't tell what may transpire before your next visit. You may even find the feeder cattle all on roller skates so they'll expend less energy getting up to the feed manger!

The Cowden registered Hereford herd, in charge of Gerald Palmer, is now established on our new Cienega Ranch, with headquarters 15 miles south of Seligman. The ranch contains approximately 112,000 acres and will carry approximately 2,000 cattle. Make Cowden's Cienega the source of your next bulls—proved as champions at Tucson and Phoenix, developed in high, rugged country. RELIABLE, QUALITY BULLS.
Because of services performed for our member shippers...

**PRODUCERS**

is the No. 1 livestock sales agency on the FOUR leading livestock markets in the West: Denver, Los Angeles, North Salt Lake and Ogden.

Growing because of EXTRA service to Our 15000 western livestock members

Offering Complete Marketing and Financing

Whether it is buying or selling your Producer agency is equipped to handle all phases of livestock financing and marketing. For further information consult listings below for the Producer agency of your choice. For livestock financing contact the Wasatch Livestock Loan Co., General Offices, Salt Lake City, Utah.

Since its inception less than 15 years ago the Cooperative way of marketing livestock in the western area has expanded greatly. With the recent acquisition of other agencies, the PRODUCERS during 1948 handled 309,973 cattle, 31,437 calves, 95,013 hogs and 2,074,712 sheep, a record total of 2,511,135 head of livestock.

On the Los Angeles market PRODUCERS ranked first in volume, handling 21 per cent of all livestock marketed. In Denver it was PRODUCERS first with 24 per cent; Ogden, PRODUCERS first with 45 per cent, and at North Salt Lake, PRODUCERS was first with 42 per cent.

Total value of livestock handled at six centers serving 11 western states during 1948 was $108,152,033.75. Take advantage of this organization by consigning your livestock through the PRODUCERS.

Producers Marketing Ass'n
Billings, Mont.

Producers Marketing Ass'n
Union Stock Yards
Denver, Colo.

Producers Marketing Ass'n
Union Stock Yards
Los Angeles, Calif.

Producers Marketing Ass'n
North Salt Lake, Utah

Producers Marketing Ass'n
Ogden, Utah

Producers Marketing Ass'n
Tovrea Stock Yards
Phoenix, Ariz.

General Office: 300 First Security Bank
Bldg., Salt Lake City, Utah
Vacation in Ranch Country

By BOB TEALE

Vacation—the magic word that means a two-week rest for hordes of city folks, from the tired businessman to the exhausted steno—can mean a holiday of fun and travel for the cattleman and his family who plan a summer trip through the Western country.

How does this sound—a trek through the beautiful snow-capped Sawtooth and Bitterroot Mountains of western Montana and central Idaho, with their stretches of wide valleys; through old towns made famous in the legends of the early day West; to Sun Valley, the modern winter and summer playground for those who love outdoor sports.

And to keep the “Boss-man” in the vacation mood, the area contains some of the outstanding beef cattle herds of the West. The region is noted for its irrigated ranches, its hospitality and is a fisherman’s paradise.

The welcome mat will be out to cattlemen and their families who plan their vacation to include a trip on U.S. Highway 93 between U.S. Highway 20 at Gooding, Idaho, and U.S. Highway 10 at Missoula, Mont.

The accompanying map shows the locations of ranches which are extending a welcome to visitors. Beginning with Idaho Hereford Ranch at Gooding, Idaho, the cattlemen can continue north on Highway 93 to Sun Valley Angus Ranch and north again to Burstedt Hereford Ranch at Challis, Idaho. An interesting side trip will be found by turning off at Salmon, Idaho, and continuing to the Mahaffey Ranches at Tendoy, Idaho. The next step would take the cattleman to Pine Creek Hereford Ranch at Shoup, Idaho.

Continuing on Highway 93 after crossing the line, the tourist next passes through Bitterroot Valley and approaches OXO Hereford Ranch, Stevensville, Mont. After passing through that city, the next welcome mat will be found at the gates of Curtice Hereford Ranch, which also has a Stevensville address. LoLo Stock Farm, breeders of Polled Herefords, is located at LoLo, Mont.

Another Polled Hereford spread, the William Dingwall Co. at Drummond, Mont., is all set to welcome visitors, who can reach the ranch by going through Missoula and proceeding east through Drummond. The Rexburg Hereford Ranch, not shown on the map, is located at Rexburg, Idaho, northeast of Idaho Falls, and its owners extend a welcome to cattlemen.

Cattlemen and their families who intend to travel through the West this summer may plan their vacation trip in more detail by consulting the advertisements of the above herds that appear in this issue of Western Livestock Journal.
AN INVITATION FROM

PINE CREEK

to Visit Our Ranch on
Your Summer Vacation Trip

We'll be happy to show you: Our herd bulls, MARK DONALD 18th, powerful son of the great Mark Donald: DOMINO HEIR A. 532d, great young bull by Domino Heir 21st. Our cow herd, including daughters of Donald Domino 54th, WHR Young Domino 10th, Junior Mixer 55th, WHR Reality 13th, and their daughters, all from our Baca Grant, S. A. Mahaffey and John Wisdom foundation.

We plan to be at Twin Falls with our cattle this year.

Mark Donald 18th 3803731

For Sale:
16 Young Bulls
from 8 to 16
mo. old

Sired by Mark Donald 18th, Domino Heir A. 532d and JEO Dynamic Mixer.

PIE CREEK HEREFORD RANCH
E. P. REESE, Owner SHOUP, IDAHO

Breeding for SIZE with smoothness and quality as long as beef sells by the pound

For 67 YEARS we have endeavored to produce Registered Hereford Cattle with SIZE, capacity, and milking ability. We are sure it takes this kind to make the best use of the grasses and roughages of the Western country, and most efficient gains in the feed lots.

Every animal in our herd including our herd sires were bred by us as were their ancestors for several generations on their dams' side, so if you do not like them it will be nobody's fault but our own. I believe the uniform type, smoothness, and size at all ages, of our herd will interest you.

When you visit us and see the outstanding young bull pictured here together with his dam and granddam, and the yearling heifers we are offering for sale bred to him, I think you will agree they would suit the most particular customer.

We have a few top 1948 bull calves we reserved as herd sire prospects that will please you both as to price and individuality.

The size of our Rainbow Trout, and our excellent big game hunting, should add to your pleasure while visiting us and the many other good herds in our country. Our latch string is always out if you will let us know when you will be our way so I won't be off fishing when you arrive.

CURTICE HEREFORDS
"Home of the Beau Donalds"
STEVENSVILLE, MONT.

Beau Donald 756, calved Sept. 27, 1947, latest addition to our herd bull battery.
VISIT YELLOWSTONE NATIONAL PARK
... and while enroute visit...

REXBURG HEREFORDS
SUMMER RANCH

ROUTE 191
Just seventeen miles south of West Yellowstone

Our Cow Herd is a well balanced group from all the prominent Anxiety Hereford families ... in which we feature the modern closely-coupled, broad, deep, heavy-boned animals.

With characteristically well-developed hindquarters, our Anxiety Herefords are mellow, gentle, even dispositioned, good milkers, and easy doers.

NOBLE LAMPLIGHTER

other sires: SUPREME DOMINO, MODEST LAMPLIGHTER RT
Young Breeding Stock for Sale

REXBURG HEREFORD RANCH
Rexburg  Dr. HARLO B. RIGBY  Idaho
Young Showman—
Intermountain Boy
Produces Winners

Young Dee Winterton, shown here with his grand champion steer at the recent Utah State Junior Livestock Show, Spanish Fork, carries on the long tradition of Winterton Bros. in producing top Hereford cattle. Thirteen-year-old Dee is the third generation of Winterton Bros. and is the son of Ralph Winterton, Kamas, Utah.

Dee started showing steers two years ago and in that time has shown 10 champion or reserve champion steers. Among the many places he has won are the Junior Division Champion at the Ogden Livestock Show in 1946; one of the prime steers at the San Francisco Junior Grand National Show 1948; Reserve Champion at the Utah State Junior Livestock Show 1947 and 1948 and champion of the same show in 1949; Grand Champion at the Utah Centennial State Fair 1947; Grand Champion at the Ogden Livestock Show 1947; Champion at the Ogden Junior Livestock Show 1948; Grand Champion at the Elko County Livestock Show 1948.

Nearly all of the steers shown by young Dee have been by one of Winterton Bros. best herd bulls in their purebred breeding program, Baca R. Domino 23rd.

Welcome to LoLo Stock Farm on your vacation trip

See sons and daughters of

DK DOMINO

in our registered Polled Hereford herd. We want to show you our Junior Herd Sire, HERVALEER MISCHIEF S. You'll like the extra thickness in our low-set, deep-bodied Polled Herefords.

LoLo Stock Farm
HELEN & DICK ROSSIGNOL
LoLo, Montana

That's the date of our joint sale with Bar LO. We invite you to see these sale cattle this summer.
Colorado to Hawaii—
Intermountain Hereford Breeder Finds
Top Ranches and Cattle in Hula Land

By CARL TAUSSIG

A VISION come true describes the 300,000-acre Parker Ranch in the picturesque Mauna Loa and Mauna Kea volcano country near Hilo on the island of Hawaii, which is not included in the itinerary of the ordinary sightseeing tourist turned loose on the islands. But Mrs. Taussig and I, being beef breeders, were highly interested in the Hawaiian ranches that we visited shortly after leaving the beautiful Lurline ship which recently carried us from Los Angeles harbor on a five-day voyage to hula land.

We left the mainland armed with letters of introduction, including one from F. E. Mollin of Denver, secretary of the American National Live Stock Assn., to A. W. Carter, manager of Parker Ranch. Our disappointment in learning that Carter was hospitalized was short-lived when his son, Hartwell Carter, who has taken over the ranch management, extended us a welcome to visit the famous ranch. It was with profound regret that we learned of the elder Carter's death upon our return to the mainland. We flew from Honolulu to the airport at Hilo, where we were met by Yoshi, the Carter chauffeur. The drive to the ranch took us past the active Mauna Loa and the extinct Mauna Kea and through lava country. The lava ruins a lot of good grass on its flow down the valleys, but the uplands are covered with exceptionally good grass. The smooth, glossy texture of the lava reminds one of hot fudge being poured from a pan.

Irrigation. On leaving Hilo we passed Rainbow Falls and I was surprised to see the amount of water carried by the streams. There is considerable irrigation all over the islands. Some grass with which we were not familiar was Piligrass, which the Hawaiians use in making houses and grass skirts.

On passing Shipman Ranch, which we did not visit, I noticed the fences. Some of the posts, which bear a strong resemblance to cedar, were called manani, and I was told that they last a lifetime.

We arrived at Parker Ranch and met Hartwell Carter only a few minutes after Mr. and Mrs. D. E. Buchanan of Hiwan Ranch, Evergreen, Colo., had arrived. Following lunch we men drove out to look over the country and some cattle. At one place we stood on a high point as the Hawaiian paniolos (cowboys) portrayed a beautiful picture in the hollow below us in their bunched movement of about 350 cows and calves.

Top Commercial Cattle. Buchanan and I were impressed with these commercial cattle as a group, and I can say without hesitation that they were the best group of commercial cows I have ever seen. Individually, they would compare very well with a number of registered herds in this country. The dams were broad-backed and deep-bodied with good straight legs; the calves were the kind one would expect from such high-type animals.

We watched them mill around for an hour. Carter said he has some trouble from bloat in the animals because the clover is so lush. The paniolos had put the cows and calves in the pasture to eat off the clover before turning in a group of steers because the former group suffered less bloat.

A. W. Carter was responsible for what Parker Ranch is today. Some 50-odd years ago he was appointed guardian to one of the ranch heirs, Hattie Parker. He found the place stocked with wild Mexican cattle; the grasses were native grasses; water was a problem. Carter had a vision of good Hereford cattle and good grass—a vision he made come true. Following a settle-

Beau
Mischief 1st

One of the thickest, deepest, most compact Polled Hereford bulls of this day.

IN ADDITION TO BEAU MISCHIEF 1st, we are using: KING DOMINO 38th; ALL LAMPLIGHTER 17th; D. K. DOMINO 12th; and HOMEMAKER 16th. These bulls are mated to a herd of strongly bred KING DOMINO FEMALES.

We have for sale 45 head of Polled bulls, among which are 5 head of real herd sire prospects. Also, 15 head of good horned bulls.

Plan to take your family on a vacation trip thru the Salmon River country and the Bitterroot Valley. Stop at DINGWALLS to see our breeding herds and the cattle we have for sale.

Quality Polled Herefords With Ruggedness

WILLIAM DINGWALL CO. DRUMMOND, MONTANA

The Idaho Hereford Ranch Invites You

★ To enjoy our warm water swimming pool
★ To inspect our typy cattle at Gooding and Corral
★ To catch our mountain trout
★ To marvel at our beautiful scenery

Visitors Always Welcome

"Gems of Herefords"

Ernest E. Fields & Sons
Bill Hientz, Herdsman
Sam Gardner, Feeder

IDAHO
HEREFORD
RANCH

GOODING
CORRAL
FAIRFIELD
IDAHO

THREE REASONS RANCHERS LIKE MAHAFFEY HEREFORDS

LEFT
BRIGHT MISCHIEF 3d, $5,000 Taussig-bred bull: 1st at Great Falls, 2d at Cow Palace.
JEIO DYNAMIC MIXER, WHR-bred, bought from Owen of California who paid $11,000 for his dam.

CENTER
TT TRIUMPHANT 55th by WHR Triumph Domino 45th, bought by us from Dan Thornton.

RIGHT

See them on your family vacation trip!

When you head thru the Salmon River and Bitterroot Valley country this summer, stop off and see our registered and commercial cattle. Strong sires, females with scale and type. We think you’ll like their products, and you’ll be mighty welcome here.

Stephen A. Mahaffey
TENDOY — IDAHO
Buy Sons and Daughters of

150 LOTS

Over 200 head, including calves with dams.

Write for sale catalog.

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CHARLES CORKLE
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Forrest Bassford and Walt McKelvie represent
Western Livestock Journal

LESKAN TONE

Strictly a QUALITY Offering!

THIS IS A MAJOR REDUCTION SALE in which we share with you many of our better females, selling many as good as we are keeping. Not only are we selling daughters of LESKAN TONE, and the service of this great $21,000 bull; but we are selling the breeding service of another Pacific National Champion, President Mischief 9th, now in our herd; and daughters of Mossy Mischief. Everything sells in pasture condition. Many cows sell with husky calves at side.

THE OFFERING: 34 Spidel cows, 14 Mossy Mischief 3rd cows and heifers, 20 Leskan Tone bred heifers, 15 Leskan Tone and Mossy Mischief open heifers, and daughters of Real Plato Domino, President Mischief, Advanced Domino 30th and other noted sires.

TWENTY BULLS SELL, TOO. These bulls range from 2-year-old herd bull prospects, yearlings and calves.

Improve Quality and Weight for Age - - - Breed Off the Horns
LESKAN TONE

AT THE

HOMER SANBORN

Polled Hereford Auction

July 30 at Meridian, Calif.

at the Home Ranch, 3 miles south of Meridian

LESKAN TONE has proven himself to be one of the great breeding sires in the Polled Hereford world. His sons and daughters have been consistent winners in the strongest Hereford shows, polled and horned, including first in Get-of-Sire at the great 1948 California Polled Hereford Show. His sons and daughters are outstanding. A son was champion sale bull at the big Pacific National Polled Hereford Show.

LESKAN TONE himself was champion bull at the 1946 Pacific National Polled Hereford Show & Sale, where we paid $21,000 for him. He has proven to be one of the best investments we have ever made.

YOU HAVE OPPORTUNITY to buy his sons and daughters, and his service in this Herd Reduction Sale.

HOMER L. SANBORN

MERIDIAN, CALIFORNIA

FORREST SPRINGSTEEN, Mgr.

PAUL MOREHEAD, Herdsman

Here's a group of cows that go into the sale. Many carry the service of LESKAN TONE.
we realized what foresight the elder Carter had employed.
Parker Ranch is now stocked with 30,000 head of cattle, between 8,000 and 10,000 sheep and 2,000 horses. Its elevation varies from sea level to 13,000 feet, which makes for a wonderful set-up with new and fresh grasses coming along the year around.

Cactus presents a problem to the ranch. Although they are bulldozing parts of the spread, Hartwell explained that experiments are progressing which center around a variety of fly that is supposed to destroy the cactus.

Hawaiians make excellent cowboys. Carter has 200 3- and 4-year-old colts to break each spring and fall. We watched a group of 20 paniolas breaking a group of colts in four circular, covered corrals. Each of these gentle corrals contained five unbroken animals. The colts were first schooled in the circular corrals and then taken into the open where their lessons really began, the day-after-day procedure providing a continuous rodeo. The colts are sired by Quarter Horse and Palomino studs.

Of the 250 cowboys and other help employed by Parker Ranch, some were born right on the ranch as were their

---

MM LADY ROYAL (Oct. 27, 1947) 1st in class. Grand Champion Female

MM LADY ONWARD (June 2, 1948) 1st in class

MM ROYAL 5 (July 1, 1947) 2d in class

MM ONWARD (May 2, 1948) 1st in class

MM ONWARD 1 (June 15, 1948) 4th in class

MM PRINCE ROYAL (Oct. 2, 1948) 3d in class

1st PLACE GET-OF-SIRE with Get of RS Prince Royal

2nd PLACE GET-OF-SIRE with Get of TT Onward 3d

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<tr>
<th>IRVIN MANN</th>
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CALIFORNIA BRAHMAN—Mrs. G. Carl H. McPheeters, Bill Montgomery, manager of California Cattle Farms at Fresno, owned by Dr. McPheeters, and daughter Lynn McPheeters are shown here with Zero, Cornelius Livestock Company heerd bull.
Heads You Win

You've probably observed the exceptionally strong heads on all the Donald Domino 26th cattle. This is one of our trade marks here at Joaquin, as it is our firm opinion that one of the most desirable qualities of a breeding bull is an outstanding head.

30 Foundation Females Now For Sale

In an effort to keep our breeding herd at 50 females we find it necessary to offer for sale 30 of our original foundation cows and replacement heifers. All will be bred or can be bought with the privilege of breeding to the two bulls pictured above, or our son of Sunland Domino 33. Some have calves by side. They are priced reasonable.

You Are Welcome Any Time at Joaquin

See the source of the famous Donald Domino 26th breeding in the old bull himself. Study our breeding program built around animals carrying his blood, now being crossed with a son of Sunland Domino 33 and a son of Larry Domino 50th. Two bulls noted for their production of extremely modern type cattle.

Joaquin Hereford Ranch

Ned B. Gould, Owner
Modesto, Calif.

Jack Bell, Herdsman
Ripon, Calif.

TOP QUALITY POLLED HEREFORDS

RANGE BULLS NOW FOR SALE AT THE RANCH

In pasture condition and ready to go to work.

10 Two-year-old bulls
10 Long yearling bulls
20 Short yearling bulls

Also, a few top herd-sire prospects. These bulls are by our herd sires: Aster Advance 27th (pictured); Valiant Domino, 1946 Pacific National Sale Champion; and King D 29th, a bull of good scale, plenty of bone, and smooth.

PAUL GREENING, Owner
"Babe" Minor, Cattle Manager
P. O. Box 541
POMONA, CALIFORNIA
Phone LYcoming 82-744

Cattle for Sale at All Times — Your Inspection Invited

Rolling Ridge Ranch

NHR Blancard Domino 11th
Double grandson of Donald Domino 26th.

NW Larry Domino 85th
Son of Larry Domino 50th.

ASTER ADVANCE 27TH

Putting strong, typey heads and a wonderful fleshing ability on his calves. Sire of our Champion Sale Bull, 1948 California Polled Show and Sale.
More White Mountain blood
to build better

PLATT
REGISTERED HEREFORDS

From the Midvale dispersion last month we
bought the young, chief Midvale sire:
W. MT. PROUD PRINCE 38th
by WHR Princeps 27th

—and these females:
W. MT. PROUD PRINCESS 34th by WHR
Princeps 27th
W. MT. PROUD PRINCESS 30th by WHR
Princeps 27th
W. MT. LADY MIXER 22d by WHR Princeps
21st
W. MT. LADY MIX 20th by WHR Princeps
21st
W. MT. VICTORIA 47th by WHR Beau
Monarch
MFT DOMINNESS 3d by Cayson T. Domino 8th
MISS A. PROMISE 4th by Aster Laurel
HILL'S PROMINIA 130th by Hill's Promino 32d
HILL'S DOMINIA 134th by International
Domino 18th
MF TRUE PRINCESS by Hill's True Prince 3d

Lester Platt
ST. JOHNS, ARIZONA
(In the famous Springerville district)

WHR PRINCEPS 27th

The "38th" will serve with GMR PLATO
DOMINO 3d (a strong Polled sire by
L. Plato Domino 5th) and DON A.
PROUD PRINCE 7th (son of WHR
Princeps 27th and out of a WHR Monarch
50th dam) in our growing Horned
and Polled Registered Hereford herd,
already strong in White Mountain blood.
See us this fall for bulls.

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SPRINGERVILLE DISTRICT

The "38th" will serve with GMR PLATO
DOMINO 3d (a strong Polled sire by
L. Plato Domino 5th) and DON A.
PROUD PRINCE 7th (son of WHR
Princeps 27th and out of a WHR Monarch
50th dam) in our growing Horned
and Polled Registered Hereford herd,
already strong in White Mountain blood.
See us this fall for bulls.

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Smoothness
Thickness
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and
Bone

Good Heads
with
Quality
Uniformity
Type and Size
with
Early Maturity

Mischief Real 3500694-181660

PLAN NOW TO VISIT OUR HERD, ATTEND OUR SECOND ANNUAL SALE, SATURDAY, OCTOBER 15

fortify your herd with the blood of:

OUR MIGHTY MISCHIEF REALS

Our entire herd is always open to your inspection. Podolak Polled Herefords are practically raised and developed.

PPHR Mischief Real 24th
5335333-319607
The sires pictured in this ad are ably assisted by: PPHR Double Real 4854715-266-953; and PPHR Bocaldo Real 5097230-299908.

PPHR Mischief Real 3rd
4467561-241355

PODOLAK POLLED HEREFORD RANCH

Frank C. Podolak, owner

LUSK, WYOMING
ANNOUNCEMENT FROM
CIRCLE S
V. F. MISCHIEF 231st

A Polled Hereford Sire purchased from the Fred Vanderhoof Polled Hereford Ranch, Woodlake, California, has been added to our herd of registered Polled Herefords.

We would be glad to show him to you.

CIRCLE S RANCH
Irene, Roberta, and R. B. Sears
SALEM OREGON

There's More Value in
DRESSER HEREFORD BULLS
Herd Sires in Service

POLLED
C Mischief Pres. 18th
Domino Battle 12th
X Bar D

HORNED
Joaquim Don Domino 4th
Domino Prince 35th
Pioneer Blanchard 4th
Real True Mold

In addition we are using two young Polled bulls selected last fall in the Denver and Hutchison, Kansas, sales, and two grandsons of WHR Triumph Domino 45th purchased in the Pollock Dispersion.

80 yearling range bulls now developing, some of which will be ready for sale early this fall.

FRED H. DRESSER
GARDNERVILLE, NEVADA

IT'S NEW! IT'S DIFFERENT!

The Allen Grain Buster
Cracks or crimps all grains with cutting cylinders of hardened steel.

Greater digestibility produces greater gains—less waste—cuts feed cost.

NO POWDER
NO FLOUR

Used and recommended by greatest breeders and showmen in the country in fitting show cattle.

Large capacity—Low power
60 bu. corn per hour with 1 h.p. motor.
Larger capacity with larger motor.

Lever changes from fine to coarse or adjusts for different grains.
No tools required.

A rugged heavy duty precision machine, Ball Bearing Construction—Magnetic hooper for removing nails, etc.

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in the sun I ran into Bill King, a young man I had known 20 years ago when he was punching cows for Charlie Murphy in North Park, Colo. Bill now rides herd on tourists in an outrigger canoe.

Erosion Problem. Travel between the islands is made almost entirely by air, so we paid a flying visit to Paul Fagan's ranch on Maui. He recently moved his ranch operation from Molokai. I was surprised at the abundance and quality of his pastures. Colonel Simpson, who is in charge, has divided five pastures by fencing along the top and bottom and using deep gulches, which the cattle cannot cross, as division fences. Erosion is quite a problem in the islands.

I didn't get close enough to the cattle to study them, but they appeared sleek and plump. Fagan has a wharf built at Hana where he loads his cattle for shipment to Honolulu.

We also met Mr. and Mrs. George Armitage, friends of Mr. and Mrs. H. Q. Hawes of Kinneybrook Farm, Kenwood, Calif. (our son's bosses). Mrs. Armitage drove us through the ammunition dumps, large underground cellars like Idaho potato cellars. We were not permitted to carry a camera through the area. The guard looked through his seals when we told him we had a camera, but he was unable to find a box in which the camera would fit so it could be sealed. He called his superior officer and we were told to go on through and the army would send a car to pick up our camera and take it through to the other end and deliver it to us when we left the area. (Fool things like this is where our money goes!)

One of our most enjoyable evenings in Honolulu was spent at dinner with Mr. and Mrs. Dad Center. Mrs. Irving Kesterson (of the Golden State Herefords Kesterson family of California) had arranged the meeting before we left the mainland. Dad Center, who was born on the island of Maui, is a sturdy, robust man with a heavy shock of grey hair. He was quite a swimmer in his younger days. In 1920 he coached the Hawaiian Olympic swimming team that won first, second, third and fourth places in the 100-yard dash in Brussels, Belgium. The winning team included Duke Pasha Kahanamoku, once the fastest human in water and twice world champion.

It was at the Center home that we were introduced to "kona nightengale." Another guest was cooking the meat on a wire skewer over some charcoal and, being interested in meat of any kind, I asked what it was. Dad answered, "Kona nightengale." He finally confessed that kona nightengale was jackass meat. But it looked good and when he asked if I wanted some, I said yes. The minute I put my teeth into the kona nightengale I knew it was good, red beef. Kona nightengale is the same as our Rocky Mountain canary!
The football stadium at California State Polytechnic College served as a livestock arena during the college's 17th annual Poly Royal celebration. The open house drew approximately 15,000 persons from all parts of the state to the campus at San Luis Obispo.

Poly Royal—

Cal Poly Open House Draws Largest Crowd in 17-Year History of Event

An estimated 15,000 persons roamed over the 2,200-acre campus and farm of California State Polytechnic College in San Luis Obispo during the college's recent annual Poly Royal open house.

Attendance was the greatest in the 17-year history of the "country fair on a college campus," and the two-day celebration was judged worthy of the expectations of visitors who came from all parts of the state to look over exhibits, attend a rodeo, watch various sports events and fill themselves at a Western barbecue.

The fair, begun originally in 1933 as a livestock show, offered students the chance to show off prize stock of the college herds. The 17th Poly Royal also featured showing of beef cattle, dairy herds, swine, sheep and Thoroughbred horses.

Animal husbandry students showed prize Shorthorn and Hereford yearlings in the livestock show conducted during Cal Poly's largest Poly Royal event in 17-year history.

June 15, 1949
Only Suffolks
give you all of these
extra-profit features

1. Smell, smooth heads . . . THEY LAMB EASIER.
2. Alertness . . . ACTIVE BREEDERS.
3. Open faces . . . NO WOOL BLINDNESS.
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5. Superb mutton form . . . WEIGH MORE, SELL HIGHER.

Suffolks will feature many of the coming ram sales. Attend the sales and buy Suffolk rams, or establish a profitable Suffolk flock with ewes from the auctions or from the ranches of present breeders. Write for illustrated booklet, "The Suffolk."

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Recognized by
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Beef Shorthorns
BULLS FOR SALE
R. S. SWIFT - SHINGLE, CALIF.

Remember to Mention
WESTERN LIVESTOCK JOURNAL
When Writing Advertisers

Team Trophies. In an adult organization and Young Farmer livestock judging contest the following teams won trophies:

1. High team of contest and winner of sweepstakes trophy—Shandon Farm Center; high team outside of San Luis Obispo County—Santa Ynez Farm Center; high farm center from San Luis Obispo County—Shandon Farm Center (G. A. White, C. K. Davies and E. A. Iverson); high Grange team—Pas Robles Grange (R. G. Herington, Dow Bedell and O. D. Bedell); and high Young Farmer team—Laton Young Farmer chapter.

The Poly Royal Relays provided some unorthodox thrills when a Brahman bull broke loose and chased a number of spectators under cars parked around the rodeo arena.

Horton "Cotton" Rosser, junior animal husbandry student from Long Beach, won the title of best all-around cowboy at Cal Poly for the second straight year as a result of his showing in the rodeo. He placed first in three rodeo events—calf roping, bull dogging and the greased pig chase.

Poly Performers. Rosser was runner-up as high individual performer in the intercollegiate rodeo held recently in the San Francisco Cow Palace. Other members of the Cal Poly team which took second place at the Cow Palace competition competed in the Poly Royal rodeo. Results were as follows:

Bull riding—Rod Hinman, Bill Haskell, Don Acker and Dick Hutchison; calf roping—Rosser, Neal Fadler and Lem Boughner; and bull dogging—Rosser and Bob Doner, captain of the college rodeo team.

Other highlights of the 1949 Poly Royal included a barbecue for 5,000 persons, a junior college track relay won by Los Angeles City College, a coronation ball which attracted an estimated 6,000 persons and a student managed carnival which raised $1,000 for a war memorial student union fund.

Reigning over the celebration was Dona Grace Burbage, Humboldt State College coed.

Over Our Way
By GEORGE PHILLIPS

Ye Olde Foothill Filosofer

W E OLD TIME cowmen miss, for one thing, the hoss breakers who used to show up every spring wanting to know, "Got any hosses you want broke?" They came in pairs with their own saddle hosses and a pack hoss to carry their bedding, grub and cooking outfit. The set price for breaking was $1 a year—$2 for 2-
year-olds, $3 for 3-year-olds and on up. They had to break em to lead, to stand, to be saddled and trained so you could jump ’em into a lope without ’em breaking in two.

It was considered bad manners to ask their names—they would give them as Tom, Dick, Harry, Shorty or Slim. Very few were paid by check. They would cut out 12 or 15 broncs and hackamore them, work them awhile, then take them out one at a time and tie them to a log—one that would give just a little when they run on it; that was to keep them from breaking their necks or crippling themselves. Of course, they’d get considerably skinned up. Then when that chore was done they’d be led to water, then their education would begin.

First Lessons. First the two bronc peelers would take one bronc, tie a hind foot up and get him used to having a saddle blanket flopped on his back. When Mr. Bronc realized that he wasn’t going to be hurt, he’d stand still and not scare at the blanket.

Learning him to lead was his second lesson. Then, later on he’d have a hind foot tied up and another session with the saddle blanket. The saddle was quietly placed on his back and the cinches tightened up. His hind foot was released just to see how he’d perform. Some of them would scare at the saddle and put on a pitching orgy or try to run away from it all.

The third and final lesson would be when a gentle hoss and his rider would move up alongside the saddled bronc and he’d wrap the hackamore rope around his saddle horn and probably blindfold the hoss with his jacket, then when the peeler mounted the blindfold was removed and then the show would start. He couldn’t get away from that rope to the saddle horn—nor run nor pitch much. In just a few days he’d become reconciled to the proceedings so the peeler could saddle him and mount without the blindfold.

“Cungrers.” Yes, every year when grass riz the hoss breakers would be with us. I know of three or four hoss breakers who worked alone—we called ’em “cungrers.” They had a way with broncs. They’d put a hoss in a chute and quietly hackamore him, then lead him out and pet and talk to him and soon the bronc wouldn’t fear him. He could give him the saddle blanket and saddle lessons without having to tie a foot up or to blindfold him. In a few days he’d be able to mount the bronc without any assistance whatever, and the bronc would amble off across the prairie and hardly ever act up.

But after the cuenger had turned them in as broke hosses and got his pay and left out, and the hosses had a chance to rest up, then when the regular cowboys started to ride them it was found they had forgotten all their cuenger lessons and they’d pitch the horns off old Billy.

Anyway at the rising of grass in the spring we sure welcomed the old hoss breaker even though he was a “cuenger.”
**AERIAL RESEEDING**

Continued From Page 36

The seed pellet, or tiny earthen bomb, will revolutionize reseeding work, Dr. Adams claims.

**Copies Nature.** The seed pellet was originated after Dr. Adams noticed that the most reliable planting was done by nature. An animal—a rabbit, for example—would nibble at a cactus fruit. Later, new cacti popped up wherever there were rabbit droppings. Obviously, Dr. Adams reasoned, this was because the seeds were stripped of their husks and then replanted, amply surrounded by a fertilizing agent. So he started mixing the same thing artificially, husking the seeds and mixing them with fertilizer and insect-rodent repellent.

Here’s how the seed pellets are made:

The first step in making the pellets, Dr. Adams reports, is performed by a hammer mill which pulverizes to a fine silt the earth for the pellet’s coating.

The pellet machine blows the dirt from a hopper into a trough, where jet nozzles squirt enough moisture into the dirt to hold it together while another jet sprays in the insect-rodent repellent. The husked seed, dusted with fungicide, drops through a small slot to provide each pellet with from three to seven seeds or more.

**Mixture to Pellet.** Then, after powdered fertilizer is sifted in, the mixture is poured into a funnel, which feeds it slowly to revolving disks which pack the mixture into tiny, uniform balls, pellets or pills. Dr. Adams worked with the pellet machine, improving it until the present model turns out 6,000 lbs. of pellets in eight hours.

The final demand on Dr. Adams’ inventive mind was the creation of a seeder to be attached to an airplane which would feed the pellets to the ground. The resulting invention is a centrifugal device which whirls at a uniform speed, flinging the pellets out in a pattern of about one per square foot. Cutting a swath 1,000 feet wide, one acre per second is average time for plane planting.

**The cost of manufacturing and planting the pellets, exclusive of the cost of the seed, is approximately $2 per acre.**

**Largest Reseeding Job.** The largest reseeding job ever attempted by the U. S. Forest Service—much of it aerial reseeding—was completed in 1948, according to a review of activities issued by Regional Forester W. B. Rice. Nearly 54,600 acres of grass were planted in the Intermountain region by tested and proved methods. Largest individual project was 8,000 acres planted on the Pines unit on the Dixie National Forest in Utah.

Acresages planted by states in the region are 105,764 in Utah; 70,382 in Idaho; 20,458 in Nevada; and 6,465 in Wyoming. Much of the reseeding is
Rice explains.

"However, one of the most interesting experiments was carried out at the LaSal Forest last summer," he points out. "Grass seeds were pellettized in clay and broadcast from airplanes."

The Forest Service also used airplanes to drop naked seeds in aspen stands in the fall of the year. Falling leaves from the trees covered the seeds and protected them while sprouting.

Use Plane for Speed. Naked seeds also do well on timber burns where there is deep ash. The Forest Service has shifted to the airplane because it does the reseeding much faster, more economically and makes a better distribution of seed, officials report. Pilots must fly in absolutely calm weather, however, or they get a wind drift of seed. Best results are obtained from an altitude of about 500 feet.

The Forest Service at Ogden has its own plane, a six-passenger Nordine ship, which is rigged up for aerial reseeding.

"Aerial reseeding may not be the salvation of the West," say Forest Service officials, "but it’s spectacular, and results are good. Aerial reseeding is helping to provide more and better forage and watersheds essential to economy of the Intermountain area."

Meanwhile, livestock must be kept from the newly sown range lands for two to three years, until the grass has become well established. Stockmen have been cooperating by fencing and planting on their own land, giving the new range the needed protection, for they realize that the millions of pellets scheduled to bombard denuded areas in 1949 will restore grass to their rangelands.

OGDEN

Continued From Page 49

fleat the breeding, feeding and finishing of scientific procedures," Read stated recently.

When the Intermountain Hereford Breeders Assn, put on its first auction only 38 animals were sold at an average price of $158. During the sale last year the 233 head that found buyers brought an average of $535, with the top bulls averaging $2,315 and the top five cows $1,012.

Cognizant of the fact that tomorrow’s leaders in the livestock industry are mainly the boys and girls who study vocational agriculture and related subjects under the banners of Future Farmers of America, 4-H Clubs and Young Farmers, the Ogden stock show many years back organized a junior department devoted exclusively to the educational interests of youthful growers.

In 1948, the Ogden Junior Fat Stock Show was initiated as a further step in enabling these young people to finish better commercial animals. The second of this series will be held this year at the Coliseum adjoining the Ogden stockyards, Aug. 2 and 3.

June 15, 1949
YOUR OPPORTUNITY to get top BACA GRANT, TAUSSIG and CHANDLER breeding in the . . .

Wynola Hereford Dispersion

Tues. . . . July 12

BEEF SALES PAVILION
L. A. UNION STOCK YARDS

128 REGISTERED
HEREFORDS

A Complete DISPERSION

28 FOUNDATION COWS, mostly with unusually fine, husky calves at side. These cows were all tops at the Great Western Hereford sales. All show cows with pedigrees to match. They are own daughters of the great Bright Anxiety M, sire of the four top females and some of the top bulls in the 1948 Taussig dispersion. Others by Don Mixer, Vagabond Mischief Jr., Advance Mixer Jr., Don J. Mixer 7th, BCR Advance Mixer, Royal Domino 12th by WHR Royal Domino 45th, Donald Dhu, Chandler's Belmont 64th, Royal Mark, WR Count Domino. These cows are all one might expect from such ancestry. They have lots of depth, straight, short legs on each corner, good heads and smooth tail settings.

13 THREE-YEAR-OLD FEMALES, mostly with splendid calves at side. These outstanding young cows were sired mainly by BACA R. DOMINO 47th (by the great OJR Royal Domino 10th) a bull we used in the herd with exceptional results.

14 TWO-YEAR-OLD HEIFERS, out of our Taussig, Baca Grant and Chandler cows. Many sired by BACA R. DOMINO 47th. You’ll agree that these heifers are of top quality foundation material.

15 YEARLING HEIFERS, all of our own breeding as indicated above. Mostly by our great son of OJR Royal Domino 10th.

27 BULLS, including our three-year-old herd bulls and top quality range bulls, 17 of them from the 1948 calf crop, many of them sired by BACA R. DOMINO 47th.

All cattle will be tested for Bangs and TB. Come to the sale expecting to buy bargains. We realize that selling these cattle at mid-summer is not the best time to hold a sale, so it will be an opportunity day for those who are seeking the best in foundation breeding stock. The sale is being held for your convenience at the Los Angeles Union Stock Yards, as we do not have proper facilities at the ranch.

WRITE FOR SALE CATALOG

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CLIFFORD C. BONG, Owner
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GLOVER GODWIN, Manager
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ME AND MY SOPHIE had as callers at our home in Maywood, Monday, May 30, our good friends, Mr. and Mrs. M. R. Harrison and Sunflower, secretary of the National American League and her lovely mother, all of whom are intensely interested in abolishing that rascally Indian Bureau that has been keeping our First Americans in bondage for over 100 years, and giving all Indians their freedom and having the U.S. government pay these Indians the billions of dollars due them for property taken from them since the government was organized.

It is the solemn duty of the government to feed, clothe and educate these wards as promised in solemn treaties that have never been kept by the government and most of what clothing and food these wards receive is doated by private citizens. Mr. and Mrs. Harrison will soon leave for a vacation trip through the Navajo concentration camps in Arizona and New Mexico. They will take a lot of clothing to the day school at Albuquerque, New Mexico, among some of the articles some very nice dresses and underclothing that my Sophie has gathered for them.

I SEE IN THE papers where the House committee has approved legislation to protect the white people who built on Indian lands in the Palm Springs area. I see some hidden graft in this bill favoring the Whites, like always where Indians are involved.

The Whites have been digging at the original Indian owners of that whole country and while in recent years the Indian Bureau has helped them Indians in securing a little pay for that valuable land on that Agua Caliente reservation. This bill that has been approved by the House committee protects the Whites, with the help of that rascally Indian Bureau.

IT PROVIDES that if an Indian who receives an allotment sells or leases the land, those who have built improvements shall have the privilege of meeting the highest bid for the tract. The House Indian Affairs Committee approved the measure, asked by Rep. Phillips (R), Calif., after the Indian Office allotted land to individual Indians.

Officials of the Indian Office told the
Committee that when the land was owned by the tribe as a whole, the Interior Department issued 300 to 400 permits for construction of valuable improvements, some costing as much as $100,000 in the resort area.

At the beginning that Indian Bureau didn’t have anything to do with the Hualapai Indians recovering nearly 502,870 acres in Mohave County, Arizona. The Indians were also awarded 6,381 acres surrounding Clay Springs, a valuable source of water, which had been left out of the Indian reservation through faulty surveying. Some religious organization supplied the money and legal help. They sued the government for the land that was taken from them Wallapai Indians and given to the Santa Fe Railroad in 1866 under a grant from Congress, and an attorney general’s ruling.

The suit was backed by the Interior Department and the Department of Justice after various church groups and members of Senate Indian Affairs Committee backed the Wallapai Indians in protesting the issuance in 1932 of final patents to the railroad for the lands it claimed under the Congressional grant of 1866.

* * *

ALTHOUGH THE secretary of the Interior and the attorney general had upheld the railroad’s claim, they agreed that the Indians should have their day in court, and that resulted in favor of the Indians after it was carried to the Supreme Court of the United States. And them Indians are now in possession of that big tract of fine land. Sixty per cent of the Santa Fe railroad station at Peach Springs was awarded to them Wallapai Indians and the judgment stated that the Indians should have rental of them fine buildings retroactive to date the buildings were erected and the railroad company to continue to pay rent on the buildings the company put up on that Indian land.

While this issue is saying so much about the plight of our First Americans in my department I will add another by a correspondent in the L.A. Examiner of a recent date which reads as follows. Quote: “To the Los Angeles Examiner: We desire to say something on behalf of the Pute Indians of Pyramid Lake, Nevada. Senator McCarran has introduced a bill, the purpose of which is to take more land from the Indians. We think that the time for this kind of business—robbing Indians—is long past.

“The Constitution prohibits taking private land for private use. We hold that these Native Americans who have been pushed out to the shore of a desert lake should not be deprived of any land. This is a small tribe and they do not have many friends or money for lobbying but we respectfully ask the United States Senate to defeat Senator McCarran’s bill No. 17. Leonard B. Cunningham, Veterans’ Home, Napa, Calif.”

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* * *

Freddie Chandler
CHARITON, IOWA
THE MILITARY department of this here American government of ours is not nor never was a friend of our First Americans. In the first day of the government the officers and soldiers thought all good Indians were dead Indians and in early days tried to extinguish all Indians with guns, powder and bullets, but since what is left of Indian tribes the military is spending millions upon millions of taxpayers' money building dams in order to drown the Indians out from their homes that were allotted to them by solemn treaty.

Most of these dams are selected by the military engineers up in the Northwest country and they are flooding the rich valley homes of the Indians, driving them Indians out in the hills and windswept prairies to readjust their lives for the twentieth time since the white people hit the flats and put our First Americans in concentration camps where they keep them until they want what they have, so they build a dam and flood them out like they are doing on the Missouri River up there in South Dakota.

This Oahe dam, about eight miles upstream from Pierre, is a tremendous undertaking. It will be 192 feet above sea level and the pool will extend upstream to Bismarck, North Dakota. The Cheyenne River Sioux stand to lose 60,000 acres of Indian controlled land through inundation.

About 120 Indian families, living on the river bottoms will have to be moved before the reservoir is filled. These home sites along the river are choice sites on which the Indians have good homes and cultivated farms. Over 50,000 acres of this choice range and ranch lands will be lost forever.

All this was called to my attention by my friends, C. M. Blassingame of Patterson, Calif., who used to live on the reservation to wipe out, and Mrs. Ike Blassingame. They sent me some drawings made by a halfbreed Sioux that are outstanding as you will see by the drawing by this Indian who never had a lesson in his life, but most Indians are natural artists.

HERE is the letter I received from the Blassingames. Quote:

"Patterson, Calif., May 8, 1949. Dear Mr. King: I am writing to you for a part Sioux Indian; knowing that you are always ready to extend a helping hand to these red brothers and feeling that it is a very worthy cause and that this young fellow deserves help, I am taking the liberty to send some of his work, and I think you will be interested. He has decided to do something with it. Recently there have been several articles written concerning the building of a great dam that will inundate almost all of the choicest spots along the river bottoms."

Palomar Angus

Quality and breeding has created the demand for Palomars, at home and in the sale ring. For our June offering at home we have the finest group of young heifers that we have ever offered. Many of these young heifers will be bred to Prince Barmar 2", our Palomar bred champion, and the rest to Blackcap Barmar 2", another Palomar.

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

KEN GROSS, Manager
Pala, San Diego County, Calif.
the Missouri on his native reservation in South Dakota. Knowing his people's real feelings about this loss he has drawn a few pictures about it and seems to me they are good enough to begin on. I herewith enclose them; also a few cartoons.

"Please note the expression of grief, the opened empty hand denoting that all was lost and the indescribable sorrow in the bent shoulders. With his little family around him he awaits the end; he takes his last stand on the roof of his log cabin that is slowly going down under the rising waters behind the dam, his belongings float in the water, his horse is drowned.

"He has been educated and taught that he must progress, that he must go forward with his nation; that the white man and the red man are brothers; what is being done is for the good of all. Yet, could we see this as progress? Could we give up our ancient homes and not grieve or refuse?

"This land was given to these Indians in solemn treaty and yet of all the hundreds of miles of country that the mighty Missouri travels, the site for this dam is the little spot that belongs to them. The wonderful river bottoms, the beautiful Indian Agency, hundreds of acres of heavily grassed hay meadows and all that woodland—how well I recall what a wonderful spot it is, and now, so soon, it will be lost for all time. I wonder, sometimes, if we really are progressing when we destroy something like that which never can be replaced.

"Not only that part will be gone but water will back up all the little rivers flowing into the Missouri; hundreds of hay meadows, homes and ranches will disappear and they, who had believed in the treaty will be pushed back to the gumbo hills along the river course or back to the towns mentioned in these articles, where wind and snow and drouth all take turns at sweeping the country. Far away from the protection of the big river bottoms they will try to adjust themselves to the short grass and wind swept prairie.

"O COURSE, on the other side of the river, off the reservation, there will no doubt be the same sort of loss in natural grazing lands, big ranches, etc. But with this difference: those people are white men, free to go and come, settle where they want to. It is easier for them to change locations than for these Indians.

"The Indian will receive compensation, no doubt, for giving up his home—but how can a few dollars compensate them for the loss of these natural resources along the streams. (Or what compensation is it to us, the nation, to destroy forever what has been centuries building.)

"You will note that these articles, written by an Indian spokesman (DuCheneaux is a breed, Indian and French) and reflecting the thoughts of the promoters of the project, seem to indicate Indian willingness in this; but these drawings, The Last Stand of the Cheyenne River Sioux, drawn by this Indian member of the tribe reflect the actual thoughts of the tribe and a great many of the white race also.

"These Indians are under government supervision and about all they can do is agree, but believe me, Mr. King, they wouldn't build Oahe Dam if the decision was theirs.

"Regarding these other cartoons, what do you think of them? Can you give us any suggestions as to where he might place drawings of this sort. Not having sold anything professionally he is seeking an outlet for some of his work. Anything that you can tell us that would be of help would be deeply appreciated.

"If you care to use these drawings in any of your writings, or reprint a part or all of the articles that inspired the drawings you are welcome. I am enclosing return postage and hope I haven't bored you too much with this letter. With very best regards to you and your Sophie, I am very truly yours, Mrs. Ike Blasingame."
Read about it in the JULY WESTERN Livestock Journal.

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West and in the Coast states have resulted in a larger proportion of the lambs produced along the coast being slaughtered within the area. In recent years the Coast states have had between 9 and 10% of the nation's stock sheep and produced 10 to 12% of the lambs. The slaughter of sheep and lambs in that area has ranged from 13 to 16% of the nation's total sheep and lamb slaughter.

Lamb feeding in the West has shown a continued decrease in the last few years, with California alone increasing its lamb feeding. With the marked decline in sheep inventories and lamb production, there has been a slower eastward movement of lambs from the three Coast states and an increased movement of fat and feeder lambs into those states from the Intermountain area. California has been taking a larger portion of the smaller supply of lambs from Idaho, Oregon, Utah, Nevada and Arizona. For the last three years, the slaughter of sheep and lambs in the Coast region has been larger than the lamb crop.

Sheep and lambs shipped into California during the first three months of this year, for example, were topped by rail and truck shipments of 83,535 head from Idaho, 77,221 from Utah, 21,389 from Arizona and 19,265 from Nevada.

The accompanying statistics relating to livestock shipments into California serve to substantiate the belief that the Intermountain livestock market lies in the West. The figures, given in thousands of head, cover the last three years and include statistics of five-year intervals back to 1925 which indicate the Western market trend.

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Western Livestock Journal's

Horse of the Month

POCO ROJO

Owned by Mr. and Mrs. Paul Scott

Pocatello, Idaho
Horses and Horsemen
Edited by Bill Smale

It's good to live in a country where something new is always turning up. Right now, Quarter Horse racing in the West is on its way and one of these days it will take its place along side of other important sports.

Horsemen in the Western country have spent two years getting horses together and proving that Quarter Horse racing is not only practical, but of sharp interest to the general public. Those who have pioneered the sport have ridden a rocky trail, but they are now on the threshold of success in seeing public acceptance of their basic idea; passive interest and the "Oh, I guess it's all right" attitude are turning to active support.

Some say there is a distinct conflict between the racing of Thoroughbreds and short racing. However, considering the types of races to be held, the breed of horses involved, and the places where Quarter Horse racing is most popular, there seems to be no conflict; rather, one type of racing complements the other. The Quarter Horse takes its natural place at the small tracks of the West where local participation of owners adds color and enthusiasm to the sport. As the "poor man's race horse," the Quarter Horse competes only with the "sport of kings" in that it furnishes an outlet for the desire of the chance-taking, wager-making man of the West.

As this issue goes to press, Bill No. 90 in the California Legislature has passed the assembly and senate and now has been signed by the governor. There is strong feeling among the men who have fathered Quarter Horse racing that the law will stimulate even greater interest in well bred American Quarter Horses than we have yet seen.

Oregon, Washington, Nevada and Arizona have already legalized pari-mutuel betting on Quarter Horses and the trend toward greater popularity is evident.

It isn't difficult to sit on the corral fence and give advice—not nearly as difficult as taking a square look at some conditions that will have an influencing effect on the future of short racing. Whenever there is the possibility of making money, as there is in quarter racing, there is sure to be an attempt at corruption made by somebody. If Quarter Horse racing is to be popular and develop for the public interest, it must be controlled and regulated in such a way that it will benefit all those who race horses and take the trickery out of racing that was so prevalent in early day racing.

A form of positive identification, such as lip tattooing, becomes necessary to avoid ringers; sure methods of determining stimulation as well as governing laws to prosecute offenders must be set up. The pattern forming is little different from the problems facing the Thoroughbred racing industry some years ago. With the establishment of the Thoroughbred Racing Protective Bureau, that industry acknowledged the fact that if racing of any kind is to endure, it must be kept clean. To keep it clean it had to have clear cut rules for racing and licensing.

And who will take the lead in picking up the check for regulating the quarter races? None other than the men who gave birth to the idea. They have proved their mettle once in gaining acceptance of the sport: the job ahead of them will require even more brains and fortitude.

Horse of the Month

INTEREST in good horses through the Intermountain country has grown by leaps and bounds over the past 10-year period, particularly are Quarter Horses taking an important place. One of the reasons for horse interest is the natural country for raising horses.

Representing this important horse country, our Horse of the Month is Poco Rojo AQHA 3874 owned by Mr. and Mrs. Paul Scott, Pocatello, Idaho. He is a 9-year-old son of Bear Hug AQHA 2688 by Norselet. His dam, Speckle Annie, is a daughter of Lazy F by Billy Clegg.

Poco Rojo, a red roan, has made a reputation in the show ring and in the roping arena. He was grand champion stallion at the Intermountain Quarter Horse Show in 1947 and 1948 and also won the get of sire class. At the Eastern Idaho State Fair in 1947 he was grand champion and again at Ogden Livestock Show in 1948. He was also the grand champion reining and cutting horse at Ogden last year. He stands 14.3 hands and weighs 1,200 lb., carrying heavy muscling throughout.

W. P. (Barney) Briscoe says:

"Having used all three types of Capper's feeds since 1937, I speak from experience when I say that Capper's are the best balanced feeds I have found, and I have tried many others. Capper's feeds actually cut my feed bill one-third besides giving quicker development, good weight, and putting on a good coat of hair.

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See next page
WEATHER was fair, track was fast, horses were plentiful and cowboys more so at Pomona, Calif., during the PCQHA Quarter Horse Show, Sale and Races May 21 and 22. Super organization tied things in a quick knot that kept horsemen humping to exhibit over 300 horses, but it made a fast moving show that proved beyond a doubt that Quarter Horses could and would do many things.

Pendleton, Ore., was represented by Music Mount, owned by Herman Snyder, and he did right well, winning the grand championship for stallions after topping a classy group of 5-year-olds and older. Music Mount, five times grand champion in the Northwest, is a son of Gold Mount, now deceased. Reserve grand championship went to Pondie by Ponderiel, owned by Charles King, Wichita Falls, Texas.

A daughter of Bill Cody of Old Sorrel breeding won the grand championship in the mare division. She was Miss Bea, owned by King Ranch, Kingsville, Texas, and the ranch went off with the reserve on Strawberry K, a daughter of Little Man. Miss Bea was junior champion and Strawberry K was made senior champion prior to final judging of H. J. Wiescamp, Alamosa, Colo., assisted by Dell Owens, San Juan Bautista, Calif.

Cloudy Boy by Rock, owned by Hoke Evitts, Bakersfield, Calif., was grand champion gelding of the show, with Jack Pond's Sweet Nip, a son of Blazer C, from Shandon, Calif., in reserve.

Sparky Browning, owned by Bruce Church, Salinas, Calif., came in for grand champion working horse for the second consecutive time. This good son of Billy Byrne garnered the points and held the usefulness of California horses before the over 10,000 people who witnessed the two-day show and sale. A complete report of the show and sale appeared in the weekly of May 26.

Cloudy Boy AQHA 8998, at top owned by Hoke Evitts, Bakersfield, Calif., was named grand champion gelding of PCQHA show at Pomona, Calif., May 21 and 22. Mrs. Delores Pond, Shandon, Calif., presents award. Below: Music Mount AQHA 5229 owned by Herman Snyder, Pendleton, Ore., was made grand champion stallion of show against strong competition. Presenting the ribbon is Mrs. Marjorie Fisher, Visalia, Calif.

Top: Mrs. Buck Blaine, Las Vegas, Nev., presents grand championship blanket to Loyd Jinkens, manager of King Ranch string of Quarter Horses as he holds Miss Bea, daughter of Bill Cody, award winner. Below: Marion Church, Salinas, Calif., on Sparky Browning, winner of grand championship at PCQHA show as working horse. This is the second consecutive time the horse has won this coveted award. He is a son of Billy Byrne.
Intermountain Horses—

Top Quarter Horse Men in Western States

Produce Horses that Rank With the Best

By CECIL HELLBUSCH

The breeding of Quarter Horses in the Intermountain states has been carried on by men who know their business, men who have produced some of the elite of the Quarter Horse world and are producing just that kind today. When the cobwebs are dusted off the files bearing the history of the more famous Quarter Horses, you find names of breeders and horses aplenty who lived and thrived in the Intermountain states.

The “Who’s Who” of Quarter Horse breeders in the West will long carry the name of Coke Roberds, a natural horseman who can tell a good one the minute he sees it. Just mention Quarter Horses and nearly everyone will say, “The dean of Quarter Horse breeders is Coke Roberds.” Coke lives on a ranch at Hayden, Colo., in the Yampa Valley. He is best known for having owned Old Fred, the famous Palomino whose progeny live in nearly every Palomino herd, and Peter McCue, the immortal stallion that probably sired more good Quarter Horses than any other stallion.

Coke followed Old Fred onto the Roberds ranch and left a great line of famous sons and daughters when he died at the age of 28. He was bred to Old Fred’s daughters and the result was beyond expectations. Such famous horses as Sheik, Buck Thomas, Peter McCue 2nd, Squaw and others resulted in this cross. Roberds contends that all of Peter McCue’s offspring were racers and he believes them to be better than present day horses.

Respect Judgment. For a man who started out as a cowman and who bred a few horses to run after his cattle, he has done all right. Every horseman in the country respects his judgment and many just say, “Pick me a horse and send it to me.” That really puts a man on the spot, but Coke doesn’t mind it.

He is still producing top modern Quarter Horses that are just as much in demand as they were years ago. He runs a band of about 30 mares and in these mares are years of experience in breeding. His horses are not pampered. They are raised under range conditions and must walk a mile or two to the river to water. He believes this makes them harder.

Coke’s senior sire now is Buddy Nile, a bay horse sired by the Thoroughbred Fleeting Time and he by High Time. His dam was Little Nile by Uncle Jimmy Grey. This horse is quite a racer, noted for his fast break combined with power and drive. Coke is also using Ute Chief, a 5-year-old son of Smokey, who was a grandson of Squaw, and his dam was Mountain Maid.

Roberds’ Pedigree. It may seem odd to a Quarter Horse breeder, but Coke Roberds has never registered a Quarter Horse. He says he just never got started doing it. Many pedigrees just carry the name “Coke Roberds mare” or “Coke Roberds stud,” and to the horseman who knows that is truly a recommendation for a horse.

Colorado has many more Quarter Horse breeders who have produced some famous horses and who still are producing great horses. The list could be as long as your arm and would include such breeders as Hank Wiescamp, Jack Casement, Hugh Bennett, Dewey Norell, Mike Levis and many more.

It must be said that Hank Wiescamp, versatile as he is at auctioneering and judging, will go a long time before he repeats his performance at the 1949 National Western Livestock Show. He won both the stallion and mare grand championship in the Palomino show and the stallion grand champion ribbon in the AQHA show.

Double Joe, a son of King, is the top stallion at Bill Thompson’s Cabra Springs Ranch near Santa Rosa, N. M. Thompson combines production of Hereford cattle and Quarter Horses.
Old Sorrel Blood is Winning

Miss Bea

AQHA 16060
Grand Champion Mare, Pomona

This great 2-year-old filly won her class at the PCQHA show at Pomona, went on to become Junior Champion of the show and then placed over Strawberry K. for the Grand Championship. She is sired by Bill Cody AQHA 3244, a son of Wimpy P-1 AQHA by a son of Old Sorrel P-209 AQHA. She is out of a Howard Cox mare. Miss Bea was also champion mare at Odessa, Texas this year.

Strawberry K.

AQHA 15915
Senior and Reserve Grand Champion Mare at Pomona

After winning her 3-year-old class at the PCQHA show at Pomona, this mare was named Senior Champion mare of the show and placed in reserve position to Miss Bea for the Grand Championship. She is sired by Little Man AQHA 1438 by Old Sorrel P-209 and is out of Conley Roan AQHA 6543.

We offer a few Select Colts For Sale each year

King Ranch
KINGSVILLE, TEXAS
and his daughter won the mare championship. Besides this, he won the get of sire award in the Quarter Horse show. His champions and get were sired by Nick Shoemaker.

**Younger Breeders.** A fine example of younger breeders is found in the breeding program of W. H. (Bill) Rhoades and his brother, J. Louis, at Kit Carson. Bill lives on the ranch and runs the horses and his brother helps with the sales and the buying of foundation stock. The boys have 15 mares that are strong in Peter McCue, Waggoner and Joe Hancock breeding. The most famous mare in their string is Becca. This grey mare was champion at Odessa and San Angelo in 1946 and competed for the world's champion Quarter Horse mare honors in California the same year.

The Rhoades boys are using Colorado Sorrel, a son of Peppy, the King Ranch horse. His colts are so promising that this year they are breeding him to all their mares. And his show record is good. He was first in his class in 1947 at both the National Western Livestock Show and the Amarillo Fat Stock Show. The boys plan to show him at the 1949 Colorado State Fair and at the 1950 National Western.

"We are trying to breed the kind the buyers want and we realize our horse must be good to sell because the day of selling just any kind of a Quarter Horse is over," Bill says. "We believe we are producing the right kind because we topped the Quarter Horse sale two years ago at Denver with Miss V Day by Smokey Joe."

The Rhoades brothers are also in the commercial Hereford business and run about 300 cows on 14 sections of land. They find Herefords and Quarter Horses a pleasant combination and hope to be in the business a long time.

**New Mexico Horses.** The Sunshine State of New Mexico boasts of some top Quarter and Palomino horses, and when you shake the bushes, some darned good ones run out. The New

---

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Vice-President and General Manager

Hollywood Park is Now Operating Its Tenth Season of Racing at Santa Anita

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The New Thorobred for '49

New Design
New Features
New Quality

**BUT**

The Same Old Dependability

This new deluxe Thorobred is 3" lower, has all metal siding, laminated to wood interior with metal interior kick plates. The top has 2" rock wood insulation. Tail gait have automatic spring controls, eliminating heavy lifting and the floors are ship-lapped lumber covered with corrugated safety floor mat. A radius rod has been put on the axle to assure alignment at all times and smoother braking efficiency. These are only a few of the new features in the new 1949 Thorobred.

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Few Choice Colts out of AQHA mares for sale this season

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Rt. 2
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POCO ROJO
AQHA 3874
HORSE OF THE MONTH

A foal of 1940 this red sorrel stallion stands 14.3 hands and weighs 1200 lb. He is sired by Bear Hug AQHA 2868 by Norfleet and out of Speckle Annie by Lazy F by Billy Clegg.

He is an outstanding roping and dogging horse with a wonderful disposition which he passes on to his colts. He was grand champion stallion: Inter­mountain Quarter Horse Show 1947 and 1948; East­ern Idaho State Fair 1947; Ogden Livestock Show 1948 as well as champion reining and cutting horse at the same show.

Fee $50 to approved Mares
With return privileges

QUALITY! THAT'S WHAT COUNTS

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CANOGA PARK, CALIFORNIA

40 Reg. Quarter Horses—55 Reg. Aberdeen-Angus

This great yearling filly is Permanently registered AQHA, P-12022. She is a three-quarter sister to Geronimo P-4240.

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20704 Van Owen
Canoga Park, Calif.
Mexico Quarter Horse Assn. was first organized in March, 1948, and its membership rolls contain the 75 top breeders of the state, C. M. Botts, Albuquerque, is president; W. R. (Bill) Thompson, Santa Rosa, vice president; Elmer Hepler, Carlsbad, treasurer; and Parley Jensen, Albuquerque, secretary. Directors include N. T. Baca, Gallegos; L. E. Cox, Las Cruces; W. I. Driggers, Santa Rosa; C. J. Fisher, Los Lunas; and Ray Lewis, Carlsbad.

Veteran horsemen like Elmer Hepler, Carlsbad, Warren Shoemaker, Waturus, C. J. Fisher, Stanley, and Abner Mitchell, Mosquero, have produced and still are producing some of the West's finest Quarter and Palomino horses. C. J. Fisher bred and owned the famous Question Mark; Elmer Hepler, of course, owns the great Diggers Directors bred and owned such horses as Shue Baby, Holy Smoke, Gold Mount, Gold Dollar, Music Mount and many more. Hepler has Shue Fly bred to Depth Charge, a son of Bold Venture, and she is due to foal in July. That truly will be an event and every Quarter Horse breeder in the country will beat a path to the ranch to see the colt.

Famous Bloodlines. New Mexico, too, has some younger breeders who are doing a bang-up job of producing good Quarter Horses. Such a breeder is Cotton McDade of Farley, who has a small band of mares that carries the bloodlines of some of the famous sires of the breed. His stud is headed by Little Abner, a double bred A. D. Reed stallion, very modern in conformation, with a good head and wonderful disposition.

Cotton is proud of his horses and he has a right to be. He won the get of sire award at the 1947 New Mexico State Fair on the get of Little Abner. His mare, Dutchie Chub, was grand champion mare at the fair that same year and her colt, Chubner, sired by Little Abner, won the colt class. The 1948 New Mexico State Fair saw him win several blue ribbons and his horses have been heavy winners at other shows in the state. Cotton has been breeding some mares to a few stallions with bloodlines different than Little Abner and has several promising colts by Nick Shoemaker.

Young, quiet-spoken Bill Thompson, owner of the Cabra Springs ranch at Santa Rosa, is another breeder in New Mexico doing a good job breeding Quarter Horses. Bill is a graduate of Oklahoma A & M and runs his horses somewhere along a sideline to his commercial Hereford operation, but this doesn't hinder him in producing good Quarter Horses. He likes a horse that has a good disposition, can maneuver and work cattle and, if he were a swearin' man, would say, "A horse that can run like hell." Cabra Springs Quarter Horses have won several blue ribbons at New Mexico State Fairs and are popular with horsemen in the Southwest.

'Using' Horse. His band of mares is headed by Double Joe and Cabra's Wimpy. Double Joe is a son of the famous horse, King. His dam is Uncle Bud's Pet. Double Joe is strictly a using horse with plenty of quality and conformation to make him a desirable Quarter Horse. Bill is breeding 25 of his mares to him and 25 to Cabra's Wimpy.

New Mexico gained a Quarter Horse sire of renown when the Johnson Brothers at Cambray acquired Old Man at San Angelo, Texas, two years ago. The Johnson boys, Wins and Robert, own a big commercial Hereford spread in the Cambray area and have been breeding Quarter Horses for about five years. Robert, the younger of the pair, is the horse trader and he is the one who completed the deal to bring Old Man to their ranch. He went down to see the Quarter Horse show at San Angelo and really didn't have horse buying in his mind, but by the time the San Angelo show was over, this so-called New Mexico small town cowboy was trailing Old Man to Cambray.

Old Man is a son of Old Sorrel and is a proven sire of working and show horses. Proof of his ability is shown by Chubby Jr., the world's champion Quarter Horse three years ago owned by Jack Turney, Sonora, Texas.

Famous Sires. These are only a few of the famous Quarter Horse sires in the Intermountain area. Many have been produced in the area only to be sold and taken to other states. This list would include Plaudit, the famous Palomino sire you will find in so many pedigrees throughout the nation. Plaudit is now 20 years old and is on the Charlie Redd ranch at La Sal, Utah. Sons and daughters and grandsons and granddaughters of Plaudit are scattered all over the West. These include Question Mark, Smokey Moore, Holy Smoke and others.

Then there is Music Mount, the famous son of Gold Mount. Music Mount was entered in six shows and won six grand championships. Bright Eyes, the little glass-eyed mare that won the New Mexico Quarter Horse futurity for two-year-olds at the 1948 New Mexico State Fair, was the last colt sired by Gold Mount.

The Rocky Mountain area is full of good Quarter Horses and their numbers will increase. They must be good from here on out, for Quarter Horse breeders of the country know the honeymoon is over. Big prices for mediocre horses at private treaty and in auctions are over. A horse must have a pedigree, conformation, disposition and a record to bring in big money.

The fact remains that whether a Quarter Horse is short or tall, grey or chestnut, or has a pedigree going all the way back to Peter McCue, he must produce his worth. He must be a working horse whether cutting cattle, working in a rodeo or just working on a ranch, or he must be a racing Quarter Horse.
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- Cordovan brown calf-skin with kid lining. Note the usual strap and buckle, for ankle-hugging.
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- Smart, dressy, yet made for increasing comfort. Handmade over specially-prepared lasts to produce gratifying ankle-support. Smooth, round toe. 1/4 inch heel, rubber-topped. Available in black or brown...
- $12.50

Here's a "dude" group starting out for a pleasure ride on Quarter Horses, depicting the enjoyment that increasing numbers of people are getting from the breed.

**Riding for Fun—**

**Quarter Horse Shines In Pleasure Mount Role**

**By MAVIS C. PEAVY**

WHEN the revival of pleasure riding swept the country in the late thirties and early forties, the demand for good horses exceeded the supply, and for a time there were few Quarter Horses to spare from a breeding program that then coincided with the acclaim of the Quarter Horse and establishment of his registry.

Quarter Horse breeders in the West have since grown from a mere handful to a large number, providing a surplus of young stock that brings the price of a good filly or gelding within reach of the average owner.

Geldings are now accepted for registry, which satisfies prospective buyers who prefer registered horses because they feel that they get their money's worth in buying horses with known backgrounds.

When one buys a pleasure mount, he usually prefers a gelding to a mare or stallion because the gelding is agreeable in any company and more trustworthy around other horses than a stallion or mare. But no one should turn down a capable mare because of her sex.

Made to Ride. Other fine breeds of pleasure horses have many followers, but most of these are bred for special uses and often the size and adaptability of a breed go against them for general pleasure riding. The Quarter Horse is made for riding.

The spread of roping and saddle clubs among the riding public has done much to advance the popularity of the Quarter Horse. Roping clubs are included as pleasure groups instead of in a rodeo class because of the type of membership, which is comprised of professional men, ranchers and young hands wanting a place and stock on which to practice.

The business man who never realized he could throw a loop, much less throw a calf, is thrilled when he finds a calf on the other end of his rope. And when he is through roping, the horse serves as a family mount.

These pleasure clubs meet on Sunday afternoons or in the evening, with many riders in the vicinity turning out to watch the sport. This gives other riders a purpose and a chance to meet old friends and make new ones and perform a few stunts of their own.

Club Activities. Saddle clubs are becoming important in the recreation life of a community, with their members meeting to enjoy pot-luck dinners and gallons of coffee and soft drinks. After the meeting, trail rides from the club house are started or contests are sponsored, including barrel, stake and musical chair races and reining and other contests. Drills are practiced—so the club can be represented in county fairs.

The ideal disposition, height, compact conformation, and easy gait of the Quarter Horse have contributed much to his use as a pleasure horse, many riding club members becoming Quarter Horse owners and enthusiasts. The Quarter Horse disposition is unexcelled. He can stand a certain amount of pampering or aggravation and remain cool and well mannered. His height has a distinct advantage over the taller horse when he is to be ridden by several members of the family.

The pleasure riding Quarter Horse carries most of his height "on top of his legs," is short headed, close coupled, strong joined, heavily muscled, and has a short, deep barrel and graceful neck. This sloping shouldered horse is built like a good engine. These attributes make the Quarter Horse one of the easiest riding horses, a strong point to consider when one buys and rides for enjoyment.

Apart from the bridle path the pleasure horse is an individual for the family to enjoy—fast and spirited enough for father and son, gentle enough for younger members of the family can master the art of riding.

Of necessity, most families must economize and limit their mounts to one or two in number. In this respect the Quarter Horse is ideal.

**Wife of the Party**

**By S. OMAR BARKER**

I pity the witty,
Whose quips are so glistening.
They're clever—but never
Enjoy much good listening!
Now 6 Grand Championships to his credit!

In his career in the show ring Music Mount has now accomplished a great achievement. He has won 5 grand championships in the Pacific Northwest and has been acclaimed grand champion of the Pacific Coast Quarter Horse Association show where competition came from several states including tough competition from Texas.

Music Mount AQHA 5229 is sired by Gold Mount and out of Pansy, a Quarter mare and carries refinement with his heavy muscling and a smooth symmetry.

We will have a few of his colts for sale from time to time and offer his services to approved mares. We invite you to the ranch to see Music Mount, our mares and the colts.

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Las Vegas—
Quarter Horses
Run Fast Races

TWO recent weekends of Quarter Horse racing enjoyed by Quarter Horse owners from several Western states, have brought forth the opinion that Las Vegas may easily become the scene of new world’s records being established and vie with Del Rio, Texas, as fastest quarter track in the United States.

On April 16 and 17 members of the Pacific Coast Quarter Horse Assn. met at Las Vegas with over 40 Quarter Horse fans from all over the West to stage two days of excellent racing, all proceeds of which were dedicated to the furtherance of Quarter Horse racing in the Western country.

With excellent weather, a hard finished but still springy track and the clear warm air of Las Vegas in their nostrils, the “poor men’s” race horses ran their races in remarkable time. Feature race of the day was a 330-yard grade “A” event, won by Boeger H, full brother to Squaw H and owned by Merle Templeton of Los Angeles and Mr. and Mrs. Channing Peake of Lompoc. Boeger H covered the 330 yards in a near record—17.5 seconds to win over Frank Vessels’ Miss Chief S, Cornell Stewart’s Comet Gal, Big Foot Charlie, Jim Portis, Ben Cheese and Tango Winner.

Dispute Settler. On Sunday, eager owners came back for more with the feature of the day set up as a 350-yard dispute settler. Miss Mobil, speedy 3-year-old Catechu mare owned by Kenny Paul of Palm Springs, clinched all arguments by breezing down the course in 18 seconds to go the distance faster than any before except the King Ranch’s Miss Princess at Del Rio, Texas. Close behind were Lendol Davis’ Little Robert, Jim Reece’s Badger’s Grey Lady and Kenneth Kehl’s Miss Devine.

After a breather of one week to nurse their wounds and scratch their heads, owners showed up eager to enter the Las Vegas Speed Trials sponsored by the Sheriff’s Mounted Posse of Las Vegas.

The two top races kept the crowd standing to see Boeger H do the full quarter in 22.3 to no e out J. K. Houssels Camp Craft and win over R. A. Von Hake’s Carmencita, Jack Shoemaker’s Rebel Gal, Jap and Clippers in a feature race.

Matched Race. A matched race for 250 yards between Flicka F, speedy Joe Bailey mare owned by Jim Reece of Oklahoma and Tee Jo, 4-year-old stallion by Flying Bob Jr., owned by Wayne Ewing of Tucson, completed the card. In a thrilling photo finish Tee Jo nosed out the mare to win after running the entire distance side by side.

Sunday’s races saw the return of
Miss Black Diamond - CHAMPION MARE

NWQHA Quarter Horse Show, Pendleton

Miss Black Diamond AQHA 3351 is a daughter of Little Black Joe AQHA 1694 by Jack Hancock AQHA 455 and is out of a Tom B. mare. After winning her class, one of the strongest in the show, she was made champion mare at the largest Quarter Horse show ever held in the Northwest.

We are particularly proud of the accomplishments of this mare, because she is one of our brood mares, from which we are developing our Quarter Horse foundation. This is the kind we are raising.

From time to time we have a few colts and fillies for sale and will welcome your interest. Our horses are range raised to do the job for which Quarter Horses are intended.

IRVIN MANN, PAT & BOB HOPPER, Owners

ADAMS, OREGON
Silver King P-183 AQHA

This horse is proving to be one of the most potent King Ranch bred stallions of all time. He is sired by Old Sorrel P-209 AQHA by Hickory Bill by Peter McCue and out of 3 Day Clegg Mare by Sam Watkins by Hickory Bill and she out of a daughter of Little Joe.

He has been a consistent producer of show winning horses. Among his successful get are Scooter S, Cowboy’s Dream and Silver Prince in Texas and from his first crop of colts at Double Diamond have come first place winners in the filly class at Salinas last fall, filly and colt classes at Reno and filly and colt classes at Pendleton this year.

His colts are not only blue ribbon winners, but retain their Quarter Horse characteristics through their stages of growth developing into top performing horses and siring champions and blue ribbon winners.

A Few Colts and Fillies For Sale at the Ranch This Year.

DOUBLE DIAMOND RANCH
Quarter Horses

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SKIN CONDITIONER

Formerly Known As "Magic Tail Grower"
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Racing Silks—

While it is not recorded that any racing silks among the 2,500 sets of colors registered by the Jockey Club bear the word “Excelsior” they do have many “strange devices” such as a lightning bolt, trumpet, various ranch brands, musical notes, including one outfit which specifies an “eighth note,” a domino, horse shoe, shamrock, pineapple and the blue and white quarters of Edward Carver which are embellished with four carving knives.

Of course, there is a whole menagerie including Philip Schwartz’ red with white Irish setter front and back on cap; H. Hazen Wilson’s green with white elephant; William duPont Jr., running fox; George H. Balou’s gamecock; and the usual assortment of dogs, horses’ heads and a deer head. Then there is Pentagon Stable’s “white with green frogs” but in this case the frogs are not of the genus (Rana) of small, tailless, amphibious, web-footed animals, but instead the kind one finds around the buttonholes of fancy pajamas.

Best of Luck—

I feel that my subscription to the Palomino Parade has expired for it was for the current year. Therefore, I am enclosing three dollars for the Western Livestock Journal. I am very glad indeed that the Palomino Parade has at last found a concrete establishment. It has had rather a hectic time the last couple of years.

I would like to take this opportunity to congratulate you on your publication. It is really “tops.” I thoroughly enjoyed the February issue. Hereford cattle and Saddle Horses, mostly Palominos, are my business. I love all horses anyhow. After 25 years as a successful magazine, it is perhaps needless to offer you the best of luck and continued success, but I do so anyway.—Wm. Royte, Thorne, Paramount Palomino Farm, Olds, Alberta, Can.
Our horses won both grand championships for Quarter Horses at the National Western this year. They were of Nick Shoemaker breeding, formerly our senior sire.

Scooter. W.
P-8975 AQHA
Champion 3-Year-Old AQRA Racing Stallion of 1948

This chestnut son of Plaudit P-1657 AQHA according to the AQRA Year Book "not only ranks as top 3-year-old colt for 1948 but stands at the top of the list of stallions for all time. When he ran third in the New Mexico Championship Handicap he was credited with official time of 440-120:22.5f which equals the World’s Stallion Record for the distance. He is a great little race horse and his performance in 1949 will be watched with a great deal of interest."

HANK WIESCAMP
ALAMOSA, COLORADO

Peavy Ranch
Westplains, Colo.
V Z Horses
Featuring Gold Heels and Ambrose
AQHA 1228  AQHA 2104

A good Gold Heels colt, 2 years old, at his first show, owned by H. Hawkins.

Several good geldings and fillies consigned to
THE KING MERRITT SALE
Sept. 21 at Federal, Wyoming
Always have a few good ones at the ranch.

Working Horses from Working Horse Country
Can You Split Type?—
Quarter Horse Usefulness Not Hurt
By Being Bred for the Race Track
By LOUIS TAYLOR

"SHOULD two types of Quarter Horses be recognized? Can the horse that can run a quarter under .22 cut cattle or work on a rope? Can a race horse be a satisfactory utility animal?"

Honest answers to these questions vary, and they depend on who is asked. The best horseman and most consistent winner among my personal acquaintances who follows rodeos in season is Ashbury Schell. When Ashbury needs a horse he buys the best he can find. He never seems too much interested in color, breed or reputation of the animal; and he is even not too finnicky about age. A couple of years or so ago he paid $3,800 for a smooth-mouthed race horse. As usual, the horse paid for himself that rodeo season. Anyone who has seen Ashbury in the arena is impressed by the excellent performance of his mount. Sounds like sure-fire proof that a race horse can be a rope horse, doesn't it? Well, it isn't. I seriously doubt that there are a dozen men alive who could have kept that horse from running over a calf and not very many more who could have kept him in an arena after the calf had been roped.

However, Schell's Cowboy is not the only race horse that has become a good rope horse. It is true but true that there are a dozen or so other star ropers that have been successful in the arena. But the fact remains that there are not very many who have been successful in both aspects of the rodeo game. It is not strange if we stop to think about it.

Star Making. Suppose a colt is foaled that has all the complex qualities that are prerequisites of the star roper or cutting horse. And let's bear in mind that he must have not only the speed of the race horse if he is to be a modern rodeo mount, but also he must have many other qualities. Right; he's foaled. If he gets enough to eat, if he escapes permanent injury by barbed wire, if he escapes being pen raised for safety's sake and thereby growing up without sense, savvy or knowing how to handle himself outside a padded cell, if he is not spoiled in the breaking, if by one chance in a million he happens to get into the hands of a man with whose temperament he "clicks," and if this man is a top rodeo performer that star may shine.

If we could get perfect likenesses of the top rodeo horses of all the years since the rodeo began to be of a national interest, we would have before us a variety of types and lineage. The classic story first printed years ago under the by-line of a physician from Anaheim, California, may be apocryphal but could well be true. At a banquet of horse enthusiasts a very opulent diner was extolling the virtues of the Western horse, a term used to designate the type that was at that time becoming very much the vogue, one which was supposed to inherit all the legendary virtues of the horses of the

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3 Brood Mares Including the outstanding show and brood mare Dixie Chub AQHA 2420 in foal to Geronimo; Wilson's Sadie AQHA 2854 in foal to Geronimo and one good producing open registered AQHA mare. These mares are in good condition and two will foal during June.

3 Fillies A 2-year-old filly sired by Topper; a 3-year-old Palomino filly by Dan Waggoner and a 4-year-old filly sired by Dan Waggoner, also Palomino in color. These fillies show a great deal of quality.

And A 3-year-old chestnut stallion sired by Dan Waggoner; a yearling stud colt sired by Dr. Joe Midnight out of Dixie Chub and a 7-year-old RO gelding, a well broke cow working horse. We also have a very fine blood bay ¾ Arabian yearling stud colt by Mustafa for sale that will make an ideal pleasure horse.

Contact: Jerry Shipley

Jurupa Hills Rancho Riverside, Calif. On Mission Blvd., in west Riverside

Quarter Horse Sale

KLAMATH FALLS FAIRGROUNDS PAVILION

THURSDAY, JUNE 30, 1949
1:30 P.M. Sharp

KLAMATH FALLS, OREGON

Largest All American Quarter Horse sale ever held in the Pacific Northwest

60 head

Registered AQHA geldings, mares, fillies, and stallions. Some Permanent. All two-year-olds have been inspected. All yearlings from registered sires and dams. 15 two-year-old geldings and stallions, well broke. These will be shown under saddle.

SIRED BY SUCH FAMOUS STALLIONS AS:

Midnight Jr. P—210
Topper P—914
Matador Sugar Foot 7554
Chief McCue P—752
Black Jackett P—4921
Lightning R. 5117

This is the best group of registered Quarter Horses ever offered at Public Auction in the Pacific Northwest. Many show, stud, and roping prospects; they are broke and ready to use.

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COWBOY BOOTS & SADDLES
HENRIETTA, TEXAS
GELDING WINNER—Umatilla Chief AQHA 4403, champion gelding of the NWQHA Quarter Horse Show at Pendleton, Ore., May 15 and 16. This son of Pee Wee’s King out of Sassy Cat is owned by Nichols and Stevenson of Lebanon, Ore. Reserve champion gelding was Firecracker sold in the sale by Roy Mead, Grants Pass, Ore., to C. L. Panneb, Bakersfield, Calif. Along with the show was a three-day race meet that brought horses from seven states. "Steve" Stevenson at the halter.

Spanish Dons and of the wild horses of song and story. Revel English, so the story goes, asked the champion of the Western horse which horse in his string of top roping horses of Western breeding he considered best. Without a moment's hesitation the name of a certain animal was given.

"Well," Mr. English is supposed to have said, "that horse is a product of my son of Edna May’s King, a registered Saddlebred animal; and his dam was a Saddlebred mare."

Whether that particular conversation took place or not, Saddle, Standardbred, cayuse, and other blood has produced at various times our top rodeo animals. There is no reason why the Quarter Horse cannot produce them today, when the chief development in rodeo performance is speed. Certainly more horses of this type than all others are getting a chance to prove themselves in the arena, because next to winning, a rodeo performer loves swank; and at present the Quarter Horse is as fashionable as a tailored shirt.

Utility Horses. "But," say many horsemen, "I'm not talking about rodeo when I say the Quarter mile race horse is not a utility animal, not a real stock horse."

Stock horse, utility horse, good working animal, and similar terms are very deceptive. Each has many meanings, one for every locality and time. When I first took up residence in the Superstition Mountains of Arizona, fresh from Kentucky, I saw horses doing things that I just knew horses couldn't do. They did them on feed that was very different from the carefully supervised rations of any horses I had ever known when they were doing the hardest work. They were never cooled out carefully. Though sound, they never received the care of a farrier. Their grooming was—well, any cow waddie knows that a coil of rope is the best curry comb.

I had seen Texas grass country roundups, but to see a little 900 lb. gelding cut wide open after a full-grown steer right off a rock bluff and hold that fighting steer where there was nothing but boulders on a down-hill slope to put his feet on—that was something new. I have seen those ponies tear a frog completely out of a foot during such work, grow a new frog in a few months and be back at work again as good as new.

Calves were branded, ear-marked and castrated while a bunch was held in any convenient canyon. You couldn't go dragging every little bunch many miles in to the corrals for such work. Short-shanked, simple bits were used. Long, fancy shanks would catch on the brush—where there was brush.

I never have seen more skill with a rope, more deft handling of cattle, cattle that had not grown accustomed to men and their ways by being shipped to and from rodeo. Often an animal would be “gathered” that simply could not be held. It would be tied to a tough bit of native growth over night or until it was sufficiently reasonable so that a small bunch of “gentler” stuff could be gathered around it, and the recalcitrant captive could be released in this soothing environment. Yet, with this type of stock, cattle came down to the loading corrals with very little loss of weight. They did so because the men and horses who handled them were unbelievably skillful.

Keeping the Blood Alive. It was this sort of "utility" that first prompted me to urge the formation of some sort of program to keep the blood of the working stock horse pure and alive. I, as did many others, knew that that type of work was rapidly passing into limbo and that the only people raising such horses were the men who used them. Already, the range of which I write is relatively denuded of cattle. The type of horse used even up to 10 years ago is practically gone. What few mounts are needed today are sired by Quarter Horse or at least part Quarter Horse stallions. Whether that blood is of racing type or the so-called bulldog type of “working” Quarter Horse matters little. Either can probably do what work is left to be done, after a fashion. What was the type that was used when work was heavy? Dane Coolidge photographed roundups at Pinal, in the Four Peaks country, and in Queen Creek, where a man can't even put out a cigarette now. The pictures are published in "Arizona Cowboys." They show horses that are far from anything that could be called Quarter Horse type, yet they are closer to the type of Squaw H than that of Little Joe, Jr., if we may use these animals as representatives of the racing build and of the stockier build of Quarter Horse.
Filling the Bill. Those tough little, wise little horses are passing out of the picture. The man who has them in mind when he speaks of “utility” is living in the past. The utility horse of today is the horse that can do the work of today. More and more the work of today is done in corrals and in the rodeo arena. (Let the man who thinks no work is done in the arena try hazing for one afternoon.)

If we go hog wild over show ring standards, put a premium on certain freak details of conformation, and do the other silly things that are usually done to a breed that is perpetuated principally for show ring competition, whether it be horse, dog, dairy cow or cat, we may have to have one type of Quarter Horse for show and another for the track, and even, perhaps, a third for just plain ridin' around; but so far, thank heaven, the Quarter Horse hasn't shown many signs of suffering such a fate.

It is true, as I pointed out a few months ago in these columns, that extreme speed calls for certain features of conformation that are not necessarily those needed for certain types of work; but when Little Joe, Jr. and many of the colts of Three Bars are producing the results we want on our Quarter Horse tracks, there seems little danger that breeding for the track is hurting the Quarter Horse for other purposes.

Ivan Thomas Named Fair Race Secretary
Ivan Thomas, aide to William P. Kyne at Bay Meadows and racing secretary at Kyne’s Portland Meadows track, has been named secretary for the running races at the 11-day California State Fair next Sept. 1 through 11. Kyne has agreed to act in an advisory capacity.

At the same time directors approved recommendation of the race committee that Harry Hatch be hired as secretary for harness races. He served last year as secretary for both running and harness racing.

This year’s budget provides for minimum purses of $1,000 during the nine days of pari-mutuel betting, topped by the $10,000 Governor’s Handicap on Admission Day.

Harness racing on two Sunday afternoons, without pari-mutuel betting, already has been authorized by the directors, and five races for the standard-breds are planned each Sunday.

"He willed his heart to science . . . and the last I heard, they're still looking for it."

**TOPPER SELLS**

To Mr. and Mrs. Henry R. Cook of Sutherlin, Ore., we extend every good wish for their success in selecting TOPPER to head their Quarter Horse breeding program, as we believe him to be one of the outstanding sires of the breed.

Mr. Cook purchased several mares and Topper colts from us last year. This time he takes such top foundation mares as Micha M. No. 10,998, Dear Ruth No. P-12,868, Bay Destiny No. 5343, and Fonsetta No. 9018 along with her Topper stud colt, all registered AQHA.

Mr. Cook is an active member of the Northwest Quarter Horse Association and also a member of the Roseburg Sheriff’s Posse.

Topper will stand to approved mares for $100 at time of service with return privilege for the season.

We still have for sale a few top mares with Topper colts by their sides and bred back to him.

Box 212
MYRTLE CREEK
Jack “Tex” Miller

Phone 19-F-3
OREGON
DO YOU NEED
QUARTER MARES
THE PRODUCING KIND

Four AQHA registered producing brood mares with foals at side and rebred. Three of these mares are permanent registered or eligible. They are sired by such outstanding sires as Tony, Joker Joe and Cap and proven producers of horses that have gone to the top in their respective fields of Quarter Horse activities.

These mares are all in excellent condition and their colts are all show stock.

A visit will convince you that these mares will be an asset to you and are priced very conservatively.

G. G. “Bill” Lamkin
8642 Westminster Blvd. Phone 8413
WESTMINSTER, CALIFORNIA

MEKEEL ARABIAN HORSES

ANKAR A.H.C. 3063
Champion Arabian Stallion Los Angeles County Spring Fair
May 30, 1949

Of our three horses shown:
ANKAR A.H.C. 3063 won champion Arabian stallion.
GHEZALA A.H.C. 4699 won first prize fillies two years and under.
FERBA A.H.C. 3799 won second prize fillies three years and under.

MR. AND MRS. LELAND E. MEKEEL
REGISTERED ARABIAN HORSES

More Harness Racing—

ATTACHED you will find a list of horses and drivers who raced at Phoenix, Ariz. You will note that the majority of horses are going to Aurora, Collinsville (which is outside of St. Louis), New York, Buffalo and other eastern points.

A few are trained at Stockton, Santa Rosa, Fresno and Devonshire Downs, which is in the upper end of San Fernando Valley and where we hope to hold matinees this coming month.

The reason a large number of horses go east is because we do not have a circuit in California similar to the circuits which they have in Ohio, Indiana and Michigan and other eastern states with a lesser population than California has.

We start at Bay Meadows on May 28 through June 25, then the next meeting of any importance is at Hollywood Park from Oct. 8 to Nov. 26 because of the size of the purses the best horses in the United States come out and the picking is tough.

Fair Races. Between these dates we have what we call the Breakfast Circuit. It is the fair circuit and they advertise that the races will start at 1:30 P.M., however, what actually happens is that the trotters and pacers, or the buggy horses, are started at 12 o’clock.

A far back as I can remember the principal attraction at the fairs in the afternoon was the harness horse racing for the boys with the long whiskers and the girls with the big hats. Many of the guests had friends who owned a horse and had a hot tip.

I read your recent article and note that horses in the U. S. are becoming fewer and fewer but I do not believe that this applies to the harness horse. I believe they are on the increase.

In District No. 3 of the United States Trotting Assn. there are over 400 owners and each of them has from 1 to 30 or 40 Standard Bred horses.

Drive Your Own. You probably will agree with me that very few of us can ride a runner but every owner of a harness horse can certainly train his horse and if he wants to he can qualify and secure a driver’s license and he can drive his horse or he can hire a professional driver.

The runners are unquestionably 100% commercial, whereas the owners and drivers of harness horses are happy to get back 50% of their investment and charge the race off to fun.

It is also a fact that harness horse racing originated in the United States. A man with a $50 outfit and a $100 horse can command just as much respect and have just as much fun as a man with a $10,000 horse and a $2,000 outfit. It is up to the horse and the driver.

What we all hope for is to get an even break at the Fair Circuit and be allowed as many races a day as the runners and with equal purses, O. C. Foster, Los Angeles, Calif.
Quarter Horse Sale  
August 2, 1949, 1 p. m.  
GIBBS RANCH, MACKAY, IDAHO

Thirty head quality bred Quarter Horse mares, colts, and geldings. Blood lines of Chief McCue AQHA 752, Coke McCue AQHA 1464, Ding Bob AQHA p269, Orange Ade AQHA 4197, Coon Dog II AQHA 2168, Plaudit, and Poco Rojo AQHA by Bear Hug.

Three mares sired by Chief McCue, two by Coke McCue, and one Ding Bob mare. Four mares with colts by side. Will feature a number of mares bred to Johnnie Dawson AQHA 13528, three year old blue ribbon winner 1949 Pendleton Quarter Horse Show.

Four geldings sired by Orange Ade.
Two three year old fillies sired by Mickey Free AQHA 2240 and Orange Ade 4197.
Two three year old palomino Fillies of Red Lantados breeding.
Two yearling studs.
Six yearling fillies—two sired by Plaudit.
Two 1949 colts by Johnnie Dawson.

Star Begger No. 3454
Begger Boy T.B.
Sire
Sarita No. P-506
Johnnie Dawson No. 13,528
Beggar Boy T.B.
Patty Dawson No. 2428
Oklahoma Star Jr. No. P-198
Dam
Brown Beauty

Black Toney T.B.
Useit T.B.
Oklahoma Star No. P-6
Bay Babe No. 510
Oklahoma Star No. P-6
Babe Dawson No. P603
Old Red Buck No. P-9
Old Black Beauty

They Race Too!

Yes! The same breeding we have in many of our mares is now proving itself on the track. We feel this is the road to Quarter Horse success—using true Quarter Horse blood to produce horses for every job of the breed.

BOOGER H.

This great son of King P-234 by Zantanon (Man O' War of old Mexico) is out of Queen P-1372 by a son of Old Joe Bailey. He is a full brother to Squaw H.

Since he was purchased last year, he has made four starts in the West winning three including 330 yard race at Las Vegas, Nev., April 16 in 17.5 seconds with Miss Chief S second and Comet Girl third; Las Vegas April 23—440 yard race in 22.3 seconds with Camp Craft second and Carmencita third and at Pomona May 22—440 yard California Sweepstakes in 22.9 seconds with Drifter second. Boozer H. is owned jointly by Merle Templeton and Katy Peake, Lyle Brown, trainer and jockey.

Owned by the Tempeake Stable

Katy & Channing Peake  
Rancho Jabali  
LOMPOC, CALIF.

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Perry Cotton  
Rt. 4, Box 629  
Phone 82-F-13  
VISALIA, CALIF.

Home of Driftwood P-2833, Tony P-776 and Quicksand AQHA 8270

June 15, 1949
TO Quarter Horsemen of the Western country, this was a most eventful month and this writer has had the privilege of meeting many of the fellows over the country in a trip through the Northwest and returning to California for the PCQHA show at Pomona.

Hugh and Amy Huntley, mainspringing the show of the Northwest Quarter Horse Assn., had much help that made the races, show and sale a bang up success. Ray Jinks of Rogue River and Roy Mead of Grants Pass were in charge of the racing and had Cedric Norris from Los Angeles to help with setting up the racing card. Ray Duff ran the show in fine style. It was hot and dry at Pendleton most of the show, but the races went off in good style with a lot of interest. Good horses were there in numbers. Badger's Grey Lady was brought out from Oklahoma by owner James Reese. She won one race and was second once.

James V. A. Carter of Sheaville, Ore., was there with his string of horses and did well. He is now racing Barred, formerly in Melville Haskell's racing stable. Guy Purinton of Tipton, Calif., and Dorsett and Woods from Westmorland, Calif., were there, as was Wilbur May, owner of Double Diamond Ranch at Reno, Nev., with a show and racing string. Lou Andrus of Dillard, Ore., really hit off a good lick with his Polly A mare. She won both her races and was reserve champion of the show. As you know, she is a daughter of Waggner's Rainy Day. Double Diamond's Maizie Q, a daughter of Cat- chu, won her race the first time on the track.

Busy Man. Hank Wiescamp of Alamosa, Colo., had his hands full this past month judging and auctioning at both the Northwest and the Pacific Coast Quarter Horse shows. He had a tough job both places in making up his mind about the placings of horses. At Pomona it was Herman Snyder's good Music Mount for grand champion stallion. That's what you call striking it rich, trailing a horse 1,200 miles to a show and going home with the purple at the strongest show in the West.

Bob Hooper, president of the AQHA, and Ray Hollingsworth, secretary, were welcome visitors in the Northwest and California. These fellows are wonderful traveling companions; I had the privilege of going around the country four days with them. They made quite a hit at Pullman during the two-day horse show program sponsored by WSC under the supervision of Dean Gene Ensminger of the Department of Animal Husbandry; Joe Muir, extension animal husbandman, and Ed Heinemann, field secretary for the Washington Horse Breeders Assn.

Another mark of distinction to the Northwest show was that from California came Helen Bullock Chappellet to purchase the top of the sale, Bud's Benita, consigned by Bud McIntyre of Helix, Ore., Wiescamp. At the PCQHA show, out-of-state horses took a toll of the purples with the stallion grand championship going to Oregon and the King Ranch of Kingsville, Texas, taking down the grand championship and reserve on Miss Bea and Strawberry K, respectively in the mare division. Bruce Church's Sparky Browning held up the California end of the show, winning the working horse championship.

New Cowboy. It is a new little boy that will be running around the house at the Lou Kosloffs' and Lou is sure to make a cowboy out of him before the boy learns there is any other occupation.

Meet Mr. and Mrs. Allen Wilson of Idaho whom many of us read about in the Saturday Evening Post. He is the famous cougar and bear hunter with a colorful career. They are going into the Quarter Horse business and bought a colt from Double Diamond at the NWQHA sale.

The popular Quarter Horse stallion, Topper, has been sold. Henry Cook of Sutherlin, Ore., purchased him last month from Jack Miller of Myrtle Creek, Ore., along with some brood mares. Jack has been in ill health, the only reason that would cause him to sell the great sire.

King Bob, Muller Bros. senior stallion, was grand champion stallion at the Reno show this year and Cotton-tail was reserve champion mare. Bill Lamkin, Westminster, Calif., was judge of the Quarter Horse events this year.
Encephalomyelitis—

Vaccination Gives Disease Protection

By A. K. CARR
Administrator, Division of Animal Industry, California Department of Agriculture

Equine encephalomyelitis is one of several animal diseases for which vaccination usually affords protection. This disease with the long name is more commonly known as horse sleeping sickness. It is particularly important when it is realized that it can be transmitted to humans.

Both horses and mules are affected by the disease. Affected animals may walk or stagger in circles, lean against a building or fence, droop their lower lip, brace themselves in awkward positions, and may become paralyzed. A constant symptom is sluggishness and drowsiness which often is the only symptom noted in affected animals.

Equine encephalomyelitis is caused by what is known as a filtrable virus. Medical records show a number of cases of the disease among humans. Laboratory technicians who have worked with the virus have contracted it, according to the records.

The disease most frequently occurs during the hot summer and fall months. Blood-sucking insects, such as mosquitoes, flies, and ticks are believed to have much to do with the transmission of the disease.

To prevent horses and mules from contracting the disease, they should be vaccinated against it in the spring. Immunity provided by vaccination remains for only one year so that each year the work must be repeated. Vaccination should not be put off until sick animals are observed.

Unsoundness by Use—

I was very glad of the opportunity to read the article by V. Tierstein concerning unsoundness and heredity. Even though this article may be highly controversial, it seemed very logical and sound to me. There is no doubt but what most of the unsoundnesses that he speaks of are caused by hard usage. He has taken the attitude that none of these unsoundnesses are caused by heredity. Perhaps he has been slightly too inclusive in this assumption.

Veterinarians have had a tendency to lump most cases of this sort into a category of heredity which I have never believed was justified. I suspect that some of these predispositions that he speaks of may actually be hereditary, but there is no question in my mind but what the hereditary causes of unsoundness in horses has been overworked.

I think it is a good article.—P. W. Gregory, Division of Animal Husbandry, University of California, Davis, Calif.

June 15, 1949
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820 Cooper Bldg., Denver, Colo.

10 Years Ago
WITH THE HORSEMEN

ONE of the youngest horsemen in San Benito County, Calif., was 2-year-old Jere Jones, son of Mr. and Mrs. Marvin Jones, Hollister who were raising Morgan horses and getting enthusiastic assistance from their son. Horsemens throughout the Pacific Coast were busy preparing for the Golden Gate Horse Show, held in conjunction with the World’s Fair at Treasure Island, San Francisco.

The great young stallion, Anacacho Shamrock, by Edna May’s King and out of Sally Cameron, owned by B. B. Tucker Co., Pomona, Calif., was featured on the cover of Western Livestock Journal’s Horse Show Edition. Hazel G. Redfern of Dinuba, Calif., was offering for sale a number of exceedingly nice Saddlebred fillies.

L. S. Rollins, considered one of the best judges and trainers of 3- and 5-gaited saddle horses, had judged the recent Dinuba Horse Show, doing a fine job from all reports.

Mrs. Harold C. Morton had purchased from the Michael Stables the outstanding show mare, Hazeline Dare, which Mrs. Michael showed on the coast in 1937 and 1938. Jay Smith, trainer for Rancho Cortez, won the stock horse class and class for stallions suitable to sire stock horses with Gigo!o, a Palomino, at the Whittier, Calif. Horse Show. Rancho Cortez, located in Van Nuys, Calif., had recently purchased 28 Hackney ponies from Mr. and Mrs. William Radford.

Royal Success, owned by the Scripps Meany Stables at Miramar, Calif., was making a great record as a breeder. Mr. and Mrs. Wywells of Rancho Santa Fe had purchased Peggy Dennis from Mr. and Mrs. Ralph Emmons of San Gabriel. Charles Travis’ black stallion, Rex Franklin, made a wonderful showing to win second ribbon in the stallion-in-hand class at the Riviera Show.

The horse market was never better in California. More horses had changed hands at good prices lately than any time in recent years. Thoroughbreds were finding ready markets at fancy prices, trotters and pacers were in demand at satisfactory prices, and big Thoroughbreds suitable to become hunters had found a ready sale... Charles La Due of the La Due-Belnnap Stables at Sheridan, Mont., reported the sale of two yearlings by Sport O’Goshen to Mrs. Marian Williams and Mrs. Dorothy Marquis of Lewiston, Idaho.

Duwan E. Hughes, who was breeding registered Herefords and Palominos on his ranch at San Angelo, Texas, showed his 2-year-old Palomino mare, Jean Harlow, to the highest honors in her class at the Fort Worth show recently... W. K. Kellogg was getting a great deal of pleasure watching the development of his twin Arabian colts sired by Raseyn and out of Rifiah. They were the first twin colts born in America from registered Arabian stock that lived.

L. W. Van Vleet of Denver, Colo., reported six fillies out of eight colts foaled at his Arabian ranch the past spring. Besides the new colts he had eight stallions and 26 mares and fillies in his registered Arabian stud... Tom Goodnight of Phoenix, Ariz., had sold and shipped his favorite horse, Montgomery Duchess to E. L. Swickard of Chicago. Tom planned to groom Penelope Surprise for the fall shows, where he was going to show her in the 3-gaited classes.

Arizona Posse—

Colorful Palomino Horsemen Entertain California Group

A TRANSCONTINENTAL train was delayed five hours in Tucson, Ariz., recently while the Pima County Sheriff’s Mounted Posse rescued the Contra Costa County, California, Posse from the vigilantes and conducted them on a sight-seeing trip of that city.

The insurgent vigilantes stopped the Southern Pacific’s Contra Costa Special returning from the Mardi Gras at New Orleans and forced the Californians at gun point to disembark from their train. The rebels were about to string up the captain, John A. Miller of Martinez, Calif., when the Pima County Posse led by Sheriff Jerome P. Martin rode up with a warrant and released the prisoners, following a brief welcoming ceremony, the Californians were conducted on a tour of Tucson.

One of the few all Palomino posses of the nation, the Pima County organization was formed in February 1949 and is led by Sheriff Jerome P. Martin, Captain Al Posner and Lieutenant T. D. Beach.

Among the members are the Honorable Dan E. Garvey, Governor of Arizona and Deputy Sheriffs Howard Miller and Howard Miller, Jr. of the Wild Horse Ranch, Ray Conner of the Tucson Y.M.C.A., Baxter McLean of the Silver Bell Ranch, Chris and Tony Tsaquris, owners of Tucson’s Palomino Club, Ben Simpson of Thunderhead Ranch, Ray Hanks of Rincon Ranchito, Nick Hall, Z. L. Fobes, W. J. McCray, J. W. Hill, C. M. Bowen, Ray Bain and J. H. Foss, all of Tucson.

Teacher: “What is it that binds us together, sustains us, and makes us better than Nature intended?”

Tommy: “Girdles.”
A STELLAR attraction for the many members of PHA was their annual dinner and entertainment held at the ever popular North Hollywood Women's Club, in North Hollywood, Calif., Saturday evening, May 7.

A large enthusiastic crowd heard Ed Zweirlein, president of the California State Horsemens' Assn., commend PHA for their conservative manner in promoting the association and for the prestige their organization carries throughout the United States and Canada. Zweirlein further stated that it is his opinion that policies for registering Palominos in PHA were fair and unbiased and they should be continued as a major part in promoting the Palomino.

Other speakers for the evening were Paul Gaskins, prominent Palomino enthusiast from Michigan, Bob Simons from Republic Pictures Studios, and Don Garner, past secretary of PHA. An inspiring report on the progress of PHA for the past 13 years was given by the secretary of the association, Willard Beanland. Presiding over the activities of this dinner was the president, Jim Fagan.

One of the outstanding features of the evening's entertainment was the preview showing of the Palomino picture titled "Palomino Parade." Many well known Palominos in California and Arizona were seen in this film and Beanland said the picture is to be used in promoting the Palomino Horse Assn. throughout the United States and Canada wherever there is Palomino activity. Such outstanding horses as The Harvester, Beau Crest's Golden Dare, Gold Mark, and Outplay's Playboy were seen performing in this colorful picture.

AT THE recent annual Pierce Junior College Fair held on the school's spacious grounds near Canoga Park, Calif., one full evening was devoted to an all Palomino Exhibition sponsored by the Palomino Horse Assn. This colorful event was staged as an educational feature for the benefit of students and spectators as well, and consisted of the various performance classes usually found in the average horse shows. In addition there were special feature attractions that made the evening one of the most successful of the entire fair. The ever popular Golden Horse quadrille under the direction of C. E. Milligan, demonstrated the adaptability of the Palomino for square dancing and intricate dance routines. A class was also presented showing the various fields the Palomino may enter today in competitive, open shows and horses representing the type desirable for each class were shown. The entire two hour show presented the Golden horses as parade horses, stock horses, pleasure horses, fine harness horses, western matched pairs and 5-gaited horses.

One of the feature attractions of the evening was an exhibition by Jim Fagan, president of the Palomino Horse Assn., and his famous Palomino stallion, The Harvester. This beautiful Palomino performed his entire act without the use of reins, again demonstrating the versatility of the Golden Palominos.

WHEN the boat from Catalina Island docked at San Pedro Harbor by-standers were surprised to see an outstanding Palomino mare alight from the vessel to make her debut in horse shows on the continent.

She is Harvest Dream and is owned by Mr. and Mrs. John Huettner of Catalina Island. This handsome four stocking legged mare was formerly owned by Mrs. Helen Hird, of Reseda, Calif., and is sired by the famous Harvester, and is out of a Quarter Horse mare. Harvest Dream is making her home for the show at the Jim Fagan ranch in Canoga Park, Calif., and is being groomed for the Palomino shows scheduled throughout Southern California.

Mr. and Mrs. Huettner rode with their prize Palomino all the way over from Catalina to be sure nothing would go wrong. However, they found the mare to be a very seawayorthy animal and apparently indifferent to ocean travel.
We are offering three daughters of San Felipe, all foals of 1948 out of the mares Estrellita, Tawali and Siala. They are top quality fillies with beautiful heads and Arab type. We have for sale three mares Fejr AHC 2288 by Bazikin and out of Raa; Tawali AHC 1530 by Raseyn out of Rabiyat and Siala AHC 2400 by Bazikin out of Rafa. Tawali and Siala will have San Felipe foals at side and will be rebred to him and Fejr is still to foal.

We also have besides the two stallions pictured below, a golden yearling half Arabian filly by San Felipe that has beautiful golden color.

*We will appreciate a letter from you or better yet drop in to see these Horses.*

**TAMAFIR—Half Arab Palomino**
This famous golden son of Musafir AHC 2180 is a foal of 1945 and is registered both PHA and ARA. He has been a consistent show winner and is an ideal parade and show horse. He has the quality and type as well as the development for many uses. He is broke for anyone to ride, absolutely gentle and has a fine disposition.

**BAZWA AHC 3236**
This bay 4-year-old is a son of the capable sire Abu Farwa out of Bazrah. He has the build to sire the right kind of working ranch horses. He is a broke working stock horse himself, well mannered with a wonderful disposition. His manners would make him desirable as a parade horse too, but we feel he is ideally suited for ranch work to sire using horses.

**Bar X Arabian Ranch**
Mr. and Mrs. Dan Thomes
SCAPPOOSE BOX 732 OREGON
California and is being shown quite often with Helen Hird's Palomino mare, Honey Harvest, in matched western pairs. These two prominent mares make an outstanding pair under western equipment and are destined to make an excellent showing for themselves during the show season.

General Statements—
I agree with your box statement that Dr. Tierstein's article on "Unsoundness and Heredity" should give food for discussion.

Dr. Tierstein makes a few classifications of unsoundnesses and blemishes and then proceeds to condemn the idea of inheritance as a causative factor. He writes in generalities about these conditions and gives a few specific examples to prove something. I do not know his approach but to me it is just as unfair to deny that the causes of certain cases of unsoundnesses are inherited as it is to say that all cases are. I have always made my diagnosis on each specific case of lameness and cannot see how one can treat such a large subject with general statements of condemnation of possible causes.

Are we to assume, from his article, that all the work done by horse breeders to develop certain conformations be discarded or does he suggest that we should overlook faulty conformations and give a stud credit for only the good ones? His points are confusing and he writes of effect more than cause.

I can only say, after reading this article, that Dr. Tierstein is attempting to discuss an individual case of diagnosis by bringing in general assumptions. Several of his cases may or may not be inherited if certain faulty conformations are present in the individual. I still believe that strains and stresses on certain conformation defects may be predisposing to unsoundnesses. These may or may not develop according to the work of the individual animal.—Wm. J. Pistor, Animal Pathologist, University of Arizona, Tucson.

Wrong Fee—
Don't let the advertisement of Cotton-Beake Quarter Horses in the May issue fool you, there was an error that needs correcting. Driftwood is standing at Rancho Jibali at Lompoc, Calif., owned by Mr. and Mrs. Channing Peake and the fee is $100 and the popular stallion Quicksand is standing at Perry Cotton's ranch at Visalia, Calif., and his service fee is $50. Both stallions are standing to approved mares.

Invader Purchased—
Col. W. H. Evans, owner of Evandale Farms, Yorba Linda, Calif., recently purchased the Palomino Tennessee Walking Horse stallion Invader from L. C. Tucker at Hollysprings, Miss. The stallion was champion walking horse at the Fort Worth show this year.

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

--- Desert Blood of the Arabian ---
From our importations, we will have some foals for sale this year sired by imported stallions and out of domestic mares. We also will have others of domestic breeding for you inspection. See the foals now and inspect the few 1948 foals still at the ranch.

Visitors Always Welcome

San Simeon Stables
Hearst Ranch San Simeon, Calif. Preston Dyer, Mgr.
Phone: Cambria 27-Y-3 
SUNICAL LAND AND LIVESTOCK DEPARTMENT
HEARST MAGAZINES, INC.
410 Hearst Bldg., San Francisco 3, Calif. Phone EXbrook 0616

--- Save on Boots & Saddles ---
SEND FOR CATALOG
English Boots '475
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AMERICA'S LARGEST RIDING SHOP

--- Mays-Dodd Ranch ---
Arabians For Sale
Nunks & Fillies
Stallions
Nees Half Broods

--- TYGH VALLEY, ORE. ---
JUST EAST OF MT. HOOD
Illustrated is our No. 288-A cattleman’s boot with vamp of black water repellent, oil treated retan, especially resistant to rough wear and barnyard acids. Black kid 14 inch tops with two rows stitching. Famous round or square toes. Hand laced with interlocking hand pegged shanks.

Order from your Boot Dealer or write us for name of your nearest Dealer.

WESTEX BOOT & SHOE CO.
WICHITA FALLS, TEXAS

Bargains in American Saddle-Bred Horses

Brood Mares, Fillies, Colts and Studs, 21 head in all, making a complete breeding unit rich in the blood of the Peavines, Donalds, Chester Dares, Black Squirrels, Bourbon Chiefs and Highland Danmarks—the stud in which the sire of champions, DES MOINES SUPREME, served for years. Most of the younger animals are his progeny. Great prospects!

Offered single or in lots to suit purchaser. An attractive price will be made on the group. Registered or eligible. Come and see them.

VESTA PEAK MAXWELL
Green Pastures
Napa, California
E. J. OLDFIELD, Mgr.

Judging School—

250 Horsemen At First WSC Session

SUCCESS marked the initial session of Washington's first light horse judging school, held May 16-17 at Washington State College, Pullman, when some 250 breeders and horse leaders were unanimous in their request for a second session next year.

Sponsored by the Washington Horse Breeders Assn. and WSC's agricultural extension service and department of animal husbandry, the two-day event was attended by horsemen from points as far away as Texas, Colorado, Montana and California.

The school originated with Washington county extension agents who asked WSC to develop interest in light horses, train judges and increase the general knowledge in the type, conformation and quality of light horse breeds.

Warm Note. Bill Smale, Western Livestock Journal horse editor, struck a warm note among Washington horsemen when he spoke at the breeders' banquet, pointing out that they face the greatest future in the West for the breeding of outstanding horses. Smale predicted that there is no limit to the development of horse breeding in Washington, which he said has climate and soil conditions similar to those of Kentucky.

The program next year probably will include more academic information, according to Joe Muir, WSC extension animal husbandman, and Ed Heinemann, Seattle, field secretary of the horsemen's association, who reported that persons attending the May session wanted more information on horse breeding genetics and research data on feeding. Heinemann suggested that the 1950 school be expanded to three days to include a day for a horse show.

Leaders Attend. Long distance travelers attending the session included Smale, Los Angeles; Hyde Merritt, Federal, Wyo., champion cowboy of the Rodeo Assn. of America, who represented the Western Horseman, Colorado Springs, Colo.; Robert E. Hooper, Plainview, Texas, president of the American Quarter Horse Assn.; and Raymond Hollingsworth, Amarillo, Texas, secretary of the association.

A series of talks were highlighted by a discussion led by Dr. E. E. Weger, professor of veterinary surgery at WSC and the college's longtime former veterinary dean, who stressed conformation points. His talk was echoed by Carlyton Cummings, Moscow, Idaho breeder. Bill Green, a WSC graduate student from New York, explained an experiment project on legumes and grasses for horse fodder being conducted at WSC's Hilltop Stables, site of this year's judging school. Other speakers included Al Law, professor of agronomy, Heinemann and Hooper.
Switch to Pork—

Cull Peas and Swine Produce

Profits for the Grain Farmer

By HENRY J. BECKMAN

WITH hog prices leveling off to a more stable basis and with the cheapest priced feeds of a good demand for pork products for the coming year, increased interest in swine growing may prevail in some areas where for the past five years most of the farmer's attention has been devoted to grain production.

Whenever freight hauls are a big factor in grain production any lowering of prices of grain is keenly felt by growers. The question of substitute crops and the production of livestock is then apt to receive more attention. Livestock prices have suffered considerable reduction. A big crop this summer might add to the downward tendency. Under such circumstances the production of livestock, particularly pork, might become more inviting in some of the great grain producing areas of the Northwest and the Intermountain states. This is particularly true in those areas where alfalfa can be produced, even in limited quantities.

Substitute Feeds. Whenever farmers produce hogs the question of utilizing substitute feeds is an important one. Frequently their use as a part of the ration makes it possible to make marked savings in the cost of production. In this respect no livestock offers such a wide range of possibilities as do hogs. Everything from green weeds and tubers to the finest quality of wheat is usable in swine rations.

It should be remembered, however, that the cheapest priced feeds are not always the most economical. Carelessness in swine management and feeding can wreak havoc in a swine herd. The writer has seen swine carried along for several months on one feed just because that feed was available at that season of the year at a low cost. Feeds like tubers are excellent in their place as a part of the ration but they may result in very slow gains, or no gains at all if carried on over a long time as the sole ration.

They may bring disastrous results in a breeding herd if the practice is too prolonged. What percentage of the substitute feeds can be utilized and whether or not they can be used over a long period of time, especially with pregnant or nursing sows, must be carefully considered by the grower.

Pea Production. In the Northern states, particularly Idaho and Washington, pea production has become important. The crop fits well into the grain farming operation and provides a change for grain-worn lands.

Over three-fourths of the dry peas produced in the United States come from the Palouse country of eastern Washington and northern Idaho. Approximately 5,000 tons of these are available for livestock feeding annually, about 10 or 12% of the crop. Because of their high protein content, 22 to 23% crude, they provide a valuable balance for the grains produced in those areas.

Idaho experiments on rats indicated that peas contain all the amino acids necessary for growth except methionine. Further work led to the conclusion that milk, cheese and eggs provide this indispensable amino acid. Meat meal was therefore used in the ration to supply the proper balance.

Data published in 1945 in a bulletin from the Moscow, Idaho, station includes a protein-mineral mixture used there consisting of 10 lb. meat meal, 57 of peas, 25 of alfalfa, 4 of oyster shell, 2 of steamed bone meal and 2 of salt. Fed along with wheat for 112 days these pigs made excellent gains and used 425 lb. of feed to make 100 lb. of pork.

Balanced Rations. An interesting phase of this experiment was that of the total feed consumed it required only 1.4% of meat meal to balance the ration for protein when fed along with peas. When the meat meal was raised to 30% in the protein-mineral mixture the results were no better than at the 10% level. But when the meat meal was reduced to 5% the pigs grew more slowly and were less efficient in utilizing their feed.

In additional experiments it was determined that a ration of rolled wheat, ground peas and minerals fed to hogs on pasture was adequately balanced. The green pasture contains excellent quality protein which balances the protein of peas and wheat.

In 1945 the Idaho station fed peas

DURROCS for Sale

60 BRED GILTS

Bred to Scarlet Promoter, a top son of the Minnesota Grand Champion for Sept.-Oct. farrowing. These Du-

rocs are daughters of Scarlet Sensation, a Juhl Bros. boar, and California Orion, 1947 Calif. State Fair Grand Champion.

Our Durocs "make good," as evidenced by letters from our customers: "Both the sows did extremely well this Spring, with one farrowing 12 and raising 11; the other farrowing 10 and raising 9."

—MORRIS C. TAYLOR

Voc. Ag. Instructor, Redding, Calif.

"The gilt we bought from you last year in with 8 nice pigs. Gilt and pigs are doing well. The gilt is a good milker. I'll be keeping her in my herd."—DAVID L. BENJAMIN

Raymond, Calif.

"I can say truthfully that the boar I bought from you has entirely lived up to my greatest expectations."

—ORVILLE C. P. CAMP

"We pay the Express" DUDLEY-PARKER RANCH

Gazelle, California

ADOBE Hampshires

Always for Sale:

Service-age boars by our leading sires which include New Kee 4th, Royal Power and Adobe Royal Roller—the blood that produces winning barrows.

Gilts for late summer farrow, bred to Tops, Adobe Comprest and Adobe Royal Roller.

Visitors welcome to see a large herd operated on a year-round farrowing program.

ADOBE RANCH

Chas. Floto, Mgr.

Arch Bassett, Supt.

Madera, California

GRAVEL HILL HAMPSHIRES

Strong in the blood of Lumber Jack, Top Farm, Josette, Jubilee, Timber and Roller Lady.

HOMER DAVIS

Rt. 1, Box 48, MOORPARK, CALIF.
The
Porterville Herd
of Poland Chinas

We have a large crop of good spring pigs sired by Streamline Sunshine, Kayo Jr., Golden Rocket 2nd and Poly Bill 1st, second prize (junior boar) 1948 California State Fair.

For Sale Now: Choice gilt sired by Streamline Sunshine, Kayo Jr., Golden Rocket 2nd and Poly Bill 1st, second prize (junior boar) 1948 California State Fair.

To111orrow / Chopra and Ramwali of the Porterville Herd of Poland Chinas and Durocs. Sires for fall farrow. Also, some Junior Yearling Boars, good enough to be sired by Streamline Sunshine, Kayo Jr., Golden Rocket 2nd and Poly Bill 1st, second prize (junior boar) 1948 California State Fair. Ready for heavy use. Highly recommended.

A. D. GLAVES & SON
Porterville - Phone 36-W-1 - California

HEREFORD HOGS

Quality Breeding Stock—Boars & Gilt s
We Ship C.O.D.on Approval
(Special Discounts to 4-H Clubs and Future Farmers.)

Baker Ranch
Orosi, Tulare Co., Calif.

Purebred
Poland Chinas and Durocs

Featuring Golden Glory Polands and Hickman bred Durocs.

Barns - Wick Ranch
Roy Southwick
Porterville - California

The Hog of Tomorrow
Registered, Bacon-Type
Yorkshire

Visitors welcome at all times.
Rancho Santa Ynez
Solvang, California

Remember to Mention
Western Livestock Journal
When Writing Advertisers

at various levels in the ration to determine the percentage that could be incorporated with wheat in a dry lot. Lot 1 was fed wheat and the same supplement which was used in all the lots. Lot 2 was fed 80% wheat and 20% peas. Lot 3 was fed 80% wheat and 20% peas. Lot 4 was fed 50% wheat and 50% peas. All the peas were ground.

Cheapest Gains. In this experiment the pigs fed 80% wheat and 20% peas made the fastest gain but the ones fed 50% wheat and 50% peas made the cheapest gains. In this trial wheat was figured at $50 and peas at $36.

Because prices vary it is advisable to indicate replacement values rather than dollars and cents costs. These experiments indicate that at the 20% level 100 lb. of peas replaced 124 lb. of wheat. At the 33 1/3% level 100 lb. of peas replaced 109 lb. of wheat. At the 50% level they replaced 100 lb. of wheat. This experiment would seem to indicate the advantage of using peas in relatively large quantities when they are cheaper than wheat which is normally the case.

Brisk Boar Business
At Crinklaw Hampes

Within the past few weeks, boar demand has been good, reports William D. (Bill) Crinklaw of King City, Calif., breeder of registered Hamphire swine.

Service age sons of the Crinklaw herd boar, Sturdy Glory, have recently gone home with Phillip Simon of Dixon, Bob Withington of Penngrove and John Sexauer, a Cal Poly student. Ivan Gaisford of San Ardo selected a son of Rancho Payroller, also service age.

Two FFA boys have also recently visited the Crinklaw herd to secure weanling gilts. One is George Harris, Jr., of King City, the other David Rowell of Wilton. The Rowell boy got a gilt out of the senior gilt that was Grand Champion at California State Fair last year, and sired by Western Miracle, eastern boar that Crinklaw imported last fall.

Pork Producers Pick
August Sow Sale Date

At a Davis meeting of the directors of the California Pork Producers Assn. recently, Aug. 12 was selected as the next sale date and the Madera Fairgrounds as the place. Rolla Bishop of Porterville was chosen sales manager and placed on a conservative return fee to cover incidental and avoid too great sacrifices on the part of the manager.

Oregon Sheep Production—

Oregon's net production of sheep and lambs in 1948 was less than half the production of 1941 when a downward trend started, and was only 31% of the record production of 120,500,000 lb. in 1931.

Oregon's net production of sheep and lambs in 1948 was less than half the production of 1941 when a downward trend started, and was only 31% of the record production of 120,500,000 lb. in 1931.

—The Grand Champion Breed—

Write for FREE FACTS about Chester Whites. Grand Champions of the show ring, feedlot, packer's block. Also ask for sample copy of the Chester White Journal, $1 a year, 3 years $2.

Chester White Swine Record Ass'n
Rochester, Indiana

BerkshireHS FOR SALE: Bred Berkshire Gilts (To farrow in September)

Hired To: Junior Champion Boar 1948 State Fair, From PR Sow

Virgil Groves
FARMINGTON - CALIFORNIA

Dollar Bill
BRINGS YOU HUNDREDS of profitable hog raising ideas, year's subscription to monthly magazine. Write a Hog Breeder, Dept. A, Pears 2, Illinois.

Oak Glen Durocs

Think this over! Every spring pig out of a PR litter, one of the dams a 4-Star sow. State certified for Brucellosis.

R. E. BOWER, Mariposa, Calif.

53,999

Eyes will see your advertisement this month. More than 25,000 cattle ranchers in the Far West read the Leader For More Than a Quarter Century,

Western Livestock Journal
'Straight Jacket' Saves Pigs at Farrowing Time

By WALTER MILLER

In Waldo Weeth's mechanized methods of farming and pork production as practiced on the "Wil-Do" Duroc Ranch at Coalinga, Calif., it is not at all surprising that he has come up with a solution to the problem of pig losses, particularly those resulting from pigs being mashed at farrowing time. This he has done through the simplified farrowing crate or "Straight Jacket," his evolution of the idea known as the California version.

It came about in this manner: Weeth had read in an Eastern farm publication about such a contraption, was quick to visualize its practical application under California conditions and sent for the plans. Two crates were built on the ranch as a "trial run," at a material and labor cost of $121 per crate—too costly, he thought. So he put his ingenuity to work, with the result that he evolved a crate much lighter in construction than the original model, yet adaptable to most California conditions. He used the "prefab" idea, a simplified construction with the main parts held together by the use of 14 bolts and wing nuts, and down went the cost to $36.20 per crate, including materials and paint and allowance for labor.

This lowered building cost immediately brings the crate within reach of both the purebred breeder and the commercial pork producer, groups that will employ the crate in colonies or batteries according to the size of their operations. Not only that, but it opens up the junior field—the 4-H Club boy and the Future Farmer—cases where pig losses are so much to be avoided. And in these cases construction can be aided or supervised in connection with swine projects by club leaders and instructors in agriculture.

The adjacent reproduction of construction plans provides details which are available in enlarged blueprint form from Weeth. In fact, he proposes to give these plans away with each gilt sold, particularly to junior customers, at no charge whatever. His prime idea is to effect greater economy in pork production. As a breeder of purebreds, he knows what it means to avert losses in pigs that will develop into valuable breeding stock.

Weeth and his manager, Bates Bowers, put the Straight Jacket in use with the spring farrowing, despite the fact that the Weeth ranch is equipped with an exceedingly large and extremely modern farrowing barn. Farrowings saw the light of day in these two situations, with the results very much in favor of the Straight Jacket. In the first 11 litters born in the Straight Jacket colony, there was only one case of loss that could in any way be attributed to being mashed or stepped on. On the other hand, it so happened that the first gilt to farrow in the conventional surroundings lost five through mashing be-
Typical of our Spring Pigs!

Shown above with the sows are two litters of eight pigs each from our spring crop. At weaning, one of these litters averaged an even 50 lb., while the other averaged 48.2 lb.—an indication of the thriftiness bred into our hampshires. Come and see 'em!

Pigs from Litters Such as These Now Offered!

WM. D. CRINKLAW . . . . KING CITY, CALIF.

Hampshire Summer Sale
Tulare Fairgrounds, Nite of August 19

This sale will offer the cream of the best herds presented by the best FFA showmen in the state, taking part in a regional contest. It will contain bred gilts, second litter sows, open gilts and young herd boar prospects.

Sale in charge of a committee with Leo Tos, Chairman, Route 1, Box 277, Hanford. Serving with him: Ray Holtzclaw, Hanford; Allen Harris, Tulare; Lamond Woods, Stratford; J. P. Stanton, Fresno; Wm. A. Autler, Sanger, and George Hensley, Secretary.

You are invited to a dinner in the fairgrounds cafeteria at 5:30 P.M., the day of sale, but you must send your reservations before Aug. 15 to Secretary Hensley, as per address below.

California Hampshire Swine Association
L. F. Corbett, Pres., Oakdale, George Hensley, Secy-Treas., Rt. 2, Box 785, Sanger

Maintaining Poland-China Standards at Monache

These include the early maturing type that pleases barrow judges and packer buyers; prolificacy; profitable gains on the basis of feed costs; established conformation that reproduces with certainty. Now available: Weaner boar pigs and a special offer of gilts bred for mid-summer delivery.

Rolla L. Bishop
PO Box 213
Porterville, California

Sockological Note
By S. Omar Barker

He's top merchant prince
Of some three city blocks—
But guess who goes shopping
To buy him his socks?
Coming Events

June 15—National All Appaloosa Horse Show, Lewiston, Idaho.
June 19—Roseville Riders Club Horse Show, Roseville, California.
June 19-26—Western Livestock Journal Columbia Empire Cattle Tour, starting at Prineville, Oregon.
June 26-26—Oregon All Arabian Show, P.L. Exhibition Building, Portland.
June 29—Swan’s Second Hereford Dispersion, Lancaster, California.
June 29—July 9—Alameda County Fair, Pleasanton, California.
July 6—Pendele Ranch Breeders’ Opportunity Auction, Canoga Park, California.
July 8—Colorado Hereford Assn. Tour.
July 10—Wynola Ranch Hereford Dispersion, Los Angeles Union Stockyards.
Aug. 2—Gibbs Ranch Quarter Horse Sale, Mackay, Idaho.
Aug. 3—Junior Pat Show, Ogden, Utah.
Aug. 10—California Pork Producers’ Sale, Madera, California.
Aug. 15—Pacific Coast Aberdeen-Angus Assn. Sale, Santa Maria, California.
Aug. 19—Oregon Ram Sale, Pendleton.
Sept. 1—San Fernando Valley Fair, Devonshire Downs, Northridge, California.
Sept. 5-10—Elko County Fair and Livestock Show, Elko, Nevada.
Sept. 16-Oct. 2—Los Angeles County Fair, Pomona, California.
Sept. 18—Burns Hereford Bull Sale, Burns, Oregon.
Sept. 19—Walla Walla County Hereford Breeders’ Sale, Enterprise, Oregon.
Oct. 9-10—Dillon Hereford Show and Sale, Dillon, Montana.
Oct. 15-18—All Arabian Horse Show, Pomona, California.
Oct. 21-23—Pacific Coast Quarter Horse Assn. Fall Show, Sale and Races, Fresno, California.
Oct. 23—Willowbrook Sale, Willits, California.
Oct. 23-24—Tri-State Hereford Futurity, Miles City, Montana.
Oct. 28—5-Grand National Livestock Exhibition, Horse Show and Rodeo, San Francisco, California.
Oct. 28—Lolo Stock Farm-Bar LO Ranch Polled Hereford Sale, Missoula, Montana.
Nov. 1—Archie Park Hereford Sale, Vaughan, Montana.
Nov. 2—YidCo Sale, More, Oregon.
Nov. 5—O Hereford Sale, Richfield, Utah.
Nov. 5—Northwest Hereford Breeders’ Assn. Sale, La Grande, Oregon.
Nov. 7-9—National Polled Hereford Show and Sale, Memphis, Tennessee.
Nov. 11-12—California Polled Hereford Assn. Show and Sale, Sacramento, California.
Nov. 12-16—Ogden Livestock Show, Ogden, Utah.
Nov. 14—American Suffolk Sheep Society Ewe Sale, Ogden Livestock Sale, Ogden, Utah.
Nov. 14—Columbia Ram and Ewe Sale, Ogden Livestock Show, Ogden, Utah.
Nov. 15—Intermountain Hereford Breeders Assn. Bull and Female Sale, Ogden Livestock Sale, Ogden, Utah.
Nov. 18—Idaho Hereford Ranch Sale, Gooding, Idaho.
Nov. 18—Greenfield Hereford Ranch Hereford Sale, Bakerfield, California.
Nov. 19—Double M Hereford Ranch Sale, Pendleton, Oregon.
Nov. 21—California Hereford Assn. Sale, Madera, California.

Foundation Units in “Wil-Do” DUROCS

NOW OFFERING from our weaner crop by our great battery of Cornbelt sires, SPRING GILTS in lots to suit customers. Also, TRIOS made up of a pair of these gilts and an unrelated boar pig. These are choice foundation values, and registered of course. Visitors always welcome. We feel we have something quite worthwhile to show you.

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

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

Pick Your Breed . . . . Buy in the Pork Producers’ Sale Madera, Nite of Aug. 12

BRED GILTS and YOUNG SOWS only, from the leading herds in the State and representing various breeds. Watch for details of this offering in following issues and file your catalog request with the Sale Manager, Rolla Bishop, Porterville, California.

CALIFORNIA PORK PRODUCERS’ ASSOCIATION
Arch Bassett, President. Virgil Groves, Secretary.

White Oak Hampshires

OUR SINCERE THANKS to recent purchasers who have complimented our herd through their selections: Leo Youngblood, Davis Creek, four bred gilts and a boar; E. C. Brown, El Cajon, eight bred gilts and a boar, and Chas. Parker, Selma, a boar.
WE ARE CONSIGNING to the State Hampshire Sale, Tulare, and the Pork Producers’ Sale at Madera. Identification of entries and description in our July space.

Now offering bred gilts for fall farrow and young boars. See them!

GEORGE HENSCLEY, Route 2, Box 785, Sanger, California
"where the tang of wood smoke Lingers..."

visit OXO!

Good fishing, good hunting, good cattle to see. You'll find your No. 1 family vacation spot in the Montana Bitterroot valley—home of the OXO Sizable Herefords! It's old Indian country—where the tang of wood smoke lingers—and where a fella feels right at home. The OXO headquarters ranch is just a turn off No. 93 at Stevensville. Drop in. The more, the merrier!

There's a lot to see at the OXO. That eminent Californian, Sunland Aster 8th, is in the pink and doin' a bang-up job. His sons and daughters—the Vanguards and Vanities—show that size that scale that smooth conformation. And there's "Champ" an' "Blimp" an' "Pug"—and "Billy" will be home from Colorado A and M along about dry fly time. These are the OXO Sizable Beau Donald sires to keep an eye on! Get your fishin' pole and hit the road to Montana's Bitterroot, where the living is good and the Herefords are Sizable!

Jot down this date: Oct. 28. Remember the Bar LO—LoLo Polled Hereford sale, Fort Missoula, Oct. 28.

OXO Sizable HEREFORDS

Located in... Montana's Famous Bitterroot Valley

DON SMITH, OWNER

STEVENSVILLE, MONTANA
... ON THE RANGE

Feed DIGESTA-BONE at the water hole

To avoid mineral deficiencies • To step-up gains per unit of intake • To improve feed utilization • To aid breeding and embryo development and the dropping of larger and sturdier calf crop... give your herds free access to Digesta-Bone mixed 50/50 with Salt. This mix supplies all three minerals commonly lacking. Usually it is the only mineral supplement required.

As a source of readily available Phosphorus & Calcium in good c/p ratio
There is NO Substitute for DIGESTA-BONE