TRACTOR OPERATOR ONLY
MAN POWER REQUIRED . . .

Here's the modern, easy method of uniformly baling more hay in fewer man hours of scarce time! Here's the professional automatic baler that needs only the tractor operator and makes conventional firmly packed wire-tied bales that don't come loose!

The 69 inch pick-up of MM Bale-O-Matic picks up all the hay from light or extra heavy windrows. Pick-up conveyor leaves a clean field behind. Raker bar assembly gently yet firmly carries hay, including leaves, to auger which delivers all the hay into packer housing. As plunger uniformly packs hay, knife-steel shear blade slices hay for easy separation. Automatic tying mechanism securely ties the two strands of steel wire while bale is under compression. No loose or broken bales with the MM Bale-O-Matic! No wire-ends left in the field or in bales! Owners report that by baling their neighbors' crop, The Bale-O-Matic soon pays for itself.

The easy pulling MM Bale-O-Matic is a heavy-duty machine balanced on two pneumatic tired wheels that turn on large diameter roller bearings. Roller chain drives and safety release spring clutches on all principal drives are typical of the quality you can expect and get in the MM Bale-O-Matic . . . the MM Modern Machine that eliminates drudgery and lowers production costs.
SPECTACULAR RESULTS
against BACTERIAL DISEASES!

With Low-Cost, Easy-to-Give

SULMET*
SULFAMETHAZINE Lederle

The All-Purpose, Fast Acting Sulfa
Only One Treatment A Day Necessary

available in six dosage forms: POWDER, TABLETS, OBELOTS*,
TINTED EMULSION (for pink eye bacterial infections), SOLUTION
12.5% (may be used as a drench), and INJECTABLE SOLUTION
(on veterinarian's prescription).

Your veterinarian is your dependable ally in the constant war
against disease. Consult him for the most effective management
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ual needs.


Clip this coupon and send to the address below for your
FREE copy of “COMMON DISEASES OF LIVESTOCK.”

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LEDERLE LABORATORIES DIVISION
AMERICAN Cyanamid COMPANY

30 Rockefeller Plaza New York 20, N. Y.
CATTLEMEN are using more care than ever to insure good condition and good results in their herd this breeding season.

They are rotating their bulls, for example. Young bulls especially are being used on a “two platoon” system—each “shift” spending two weeks on the range with the herd, and two weeks in the bull pen to rest up and get some careful, balanced feeding.

And cattle raisers are realizing more and more that rain-washed early spring grass, lush-looking as it is, always lacks some of the vital, body-building elements that their animals need for vigorous condition and maximum growth.

So, many herd owners are wisely supplementing forage with Pillsbury’s Best Cattle Pellets. Unlike range grass, Pillsbury’s Best Cattle Pellets contain all the food elements cattle need to build sturdy, solid bodies and maintain good breeding condition.

9 Sows Wean 83 Pigs!

1950 was a good year at Woodland Farm, Demotte, Indiana. Owner William Unzicker, well-known Hampshire breeder and showman, has been a Pillsbury feeder for the past five years.

Nine Woodland Farm sows weaned 83 vigorous spring pigs. Eighteen were marketed and the other 65 sold as breeding stock.

Unzicker feeds Pillsbury’s Best Pig and Sow Feed to weaning, and follows the complete Pillsbury program.

“Pillsbury’s Best Hog Feeds with MYCINS have helped to produce the largest litters I have had since I started raising hogs,” Mr. Unzicker says.

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GLOBE MILLS (Trade Name) PILLSBURY MILLS, INC., Los Angeles

**MYCINS**

**New Pillsbury Development Provides EXTRA Boost for Your Pigs!**

Pillsbury’s Best Hog Feeds, fortified with “MYCINS,” are especially helpful for your pigs in the critical starting period.

“MYCINS” convert a higher percentage of your feed into meat by retarding feed-robbing bacteria in the digestive systems of hogs. This improves growth and thrift; helps your animals “do better” on less feed; stretches your feed dollar.

“MYCINS” are the result of sensational antibiotic medical discoveries—Aureomycin, Streptomycin and Terramycin. Pillsbury found that a combination of all three, with Vitamin B12, adds amazing growth power. All three are supplied in Pillsbury’s Best Hog Feeds through APF supplements.

Ask your Pillsbury’s Best Feed dealer about “MYCINS.”

***

Remember the Western Livestock Journal Beef Cattle Tour, beginning April 9. These tours offer feeders and feed men the same kind of practical ideas I get from your letters.

WE OFFER $25 for letters used in this column. Send me your ideas on management, feeding and breeding.
THERE'S MUCH LESS talk about a third world war. There are many signs which point toward an easing of tension in world affairs. That's the word that comes from those who have been attending conferences with the top brass in Washington. However, there appears to be no idea of cutting defense expenditures. Opinion is that the huge scope of our armament program is an important factor in maintaining peace.

THERE ARE OTHER CONSIDERATIONS. We have given the Red Chinamen a terrific beating in Korea. True, we have suffered more than 50,000 casualties ourselves, but we have slaughtered the cream of the Red armies, destroyed their equipment, and in opinion of some of our keenest observers, probably have made the Chinamen wonder if Comrade Joe Stalin is actually a good friend.

NO NEW TAX LAWS are anticipated for some time. You'll pay the full advance legislated in 1950 on your 1951 tax; opinion is that there will be higher taxes on the last half of your 1951 return. Actually, government income is sharply higher than last year. Treasury cash receipts are actually running well ahead of expenses, because defense production is really just getting under way. It seems doubtful if the armed forces will need as many men as seemed likely a few months ago.

SOME OF MY FRIENDS in the cattle business express concern about the sharp increase in livestock inventories, as indicated in the Jan. 1 estimates of the U.S. Department of Agriculture. They are inclined to the opinion that strong consumer resistance to high meat prices will be more effective in bringing about some reaction in the livestock markets than government price controls. This opinion is said to be held by top men in the Office of Price Stabilization and USDA. Effect of consumer resistance is being felt in the cattle market.

RECORD PERSONAL INCOME through high wages, high rate of employment, and overtime payments is anticipated throughout 1951. There should be enough buying power to handle increased supplies of meat at prices profitable to livestock growers and feeders, though many in the trade are inclined to the belief that, unless there is another world war, prices may not quite hold up to the record levels scored recently.

ONLY REAL DANGER of continued inflation, it is believed, is attitude of leaders of organized labor. If government is not able to satisfy labor with moderate wage increases, it is granted that we may have another vicious round of higher wages and higher prices.

DESPITE TALK ABOUT CHEAP DOLLARS, they could come in handy. It hardly seems like a good time to go deeply into debt at present inflated prices. The borrower takes the risks of being forced to pay back loans with hard-earned dollars; if he makes money through his borrowing, the tax collector gets the big bite. Many think this a good time to reduce indebtedness.
The sire of this outstanding bull is WHR Proud Princeps 9—a Register of Merit Sire and an all-time great at WHR. He is generally accepted as one of the top “improver sires” of the Hereford breed. Proud Possessor’s dam, WHR Waacs 6, has been picked by competent breeders as one of the best individual cows in the Suncrest breeding herd.
PROUD POSSESSOR

sold to the

LUCKY HEREFORD RANCH

for

$50,000

We believe that the breeding, conformation and early production record of Proud Possessor entitles that bull to recognition as one of the really great herd bulls in the United States today.

Individually, Proud Possessor shows a near ideal combination of size, type and ruggedness. Exhibited at important shows, he placed first five times and Reserve Champion three times. His type pleases the judges and his size and ruggedness appeal to the cattlemen.

We feel Proud Possessor will prove to be a great breeding bull for the Lucky Herd.
If the price ceilings that the Office of Price Stabilization placed on meats at wholesale and retail late last January were meant to check the upward trend of livestock prices, proved to be a miserable failure. The very day the price controls came into effect, the branches of the livestock trade moved to higher levels.

In fact, there has been a great boom in the buying of replacement cattle and this, along with the fact that new record prices were established on fat slaughter and the feature of the trade during the month of February.

Consumers have had reason to protest against further increases in retail prices because of the ceilings on their purchases, but the packing industry is now complaining quite bitterly that they are in a tight squeeze because the advance in live costs while wholesale price levels are controlled. Officials have recently indicated this situation will be remedied very near future with a set of nickel and-cent ceilings on both meats and livestock.

There are no indications at this time just how the industry-wide ceiling will work, nor has anything been said about a major rollback in other prices. The general feeling is that current price levels will not be changed for if they were it could well be costly for those who recently raised the prices of some of the smaller ranges and raised cattle and lambs higher at the highest point in history.

More Controls Coming. If the Office of Price Stabilization at present appears confused, it will probably get worse as the agency issues new control orders. Pressure on everyone in the industry to rehire the great maze of regulations existed under the OPA during World War II and there is no reason to think that under this new agency they will be less complicated.

And all this red tape that the livestock industry will be harnessed with...
Leave 'em Lie... or stack 'em for central feeding

Shown here is a new, short-cut system for saving valuable winter feed from wild hay and range grasses. It's catching on rapidly in the range country because it's very low-cost, takes a minimum of labor.

Some ranchers leave bales lying out on the range right where they were dropped by the ROTO-BALER. Sometimes part of the tonnage is placed in well-distributed stacks for reserve and emergency feeding - preferably under cover.

The Allis-Chalmers rolled bale makes this new system feasible on your ranch. Outer layer sheds rain and snow like a thatched roof. Hay on the inside is protected from ordinary weather hazards.

The rolled bale is self-feeding. Livestock simply walk from bale to bale and unroll the layers as they eat. Twine-wrapped rolled bales eliminate expensive and sometimes injurious wire.

Best of all, the ROTO-BALER is moderately priced, big capacity, operated by one man. Some ranchers now own two or three.

POWER WAY to quality hay on your cultivated acreage

1. STRADDLE MOWING

First you set the CA or WD Tractor's Power-Shift wheels in reverse. Then move up to speed, straddle the swaths cut by your Quick-Hitch Allis-Chalmers trailed mower. Engine power instantly spaces the rear wheels so they no longer trample the hay.

2. ROTARY TEDDING

This new leaf-saving way of treading can often be your next move to speed curing. Rotary treading with the Allis-Chalmers Power Rake fits the stubble and aerates either swath or windrow. For treading, simply shift the reel to reverse.

3. DOUBLE WINDROWING

A third time-saving step is double windrowing - laying two normal-size windrows side by side for the big-capacity ROTO-BALER. This speeds up baling and cuts field travel distance in half. The Allis-Chalmers Power Rake is built for continuous operation at modern tractor speeds.

4. ROLL BALING

Your ROTO-BALER then rolls the hay into bales that seal in the leaves... seal out weather. It's baling at its best - the fourth step in today's fast-moving hay harvest that captures the fragrant leafiness, the color and protein to promote better calf crops, good gains.

ALLIS-CHALMERS
TRACTOR DIVISION MILWAUKEE I., U.S.A.

ROTO-BALER is an Allis-Chalmers trade-mark.

Enjoy the National Farm and Home Hour — every Saturday - NBC Network.
DENVER BUDDIES—Relaxing between events at the recent National Western Stock Show are, from left, Harry Parker, Diamond Ranch, San Luis Obispo, Calif.; John Primassing, member of the Cal Poly judging team; and Lyle Hoyt, coach of the Cal Poly team, which won the cattol judging contest at the Denver show. Photo by W. J. B.

at a time when the livestock population of the country is on the increase and not very far from the peak level of 1944. Only recently the government announced that there was a substantial increase in cattle and hog numbers and also that sheep numbers had increased for the first time since 1942.

Livestock feeders and growers, in the meantime, have been conducting their business in the last month as if there was nothing unusual going on. They have sensed that demand for meats is going to continue broad as long as we have a high rate of industrial production. Markets for all types of replacement livestock have enjoyed a vast amount of activity with selling rates moving ever higher. The great demand for thin stock has never been satisfied and not even record high prices have slowed down the action.

The action of the cattle market has been the highlight of the entire livestock trade in recent weeks. As the month opened, killer prices made big strides to higher levels and were followed very closely by sharply advancing prices for stockers and feeders. There were times when the killer market showed signs of slowing up, but most quotations are from $1 to $2 per cwt. above the January close.

Thin Stock Up Most. In the case of stocker and feeder cattle, prices are from $2 to as much as $4 higher with the thinner cattle up most. None of the Western markets had very liberal supplies of thin cattle and the bulk of reports on stocker and feeder sales came from country dealings.

At the high time, which was late in February, it was an every day occurrence to hear of stock calves selling for immediate and future delivery from $40 to $46 with some as high as $50 per cwt. Some buyers were contracting calves that weren't even born yet. Stock cows were generally costing over $300 and yearling steers to come...
can bring extra cash

Here's how to make your range give you more "Stick-to-the-Ribs" feeding value

"We could get a lot more beef out of grass than we do—and extra beef is extra profits. They say only about 25% of the grass cattle eat really sticks to the ribs—becomes beef. That means about 75% is wasted.

"Now, here's how I reclaim some of that 'wasted' 75% and make good, profitable beef out of it. I keep plenty of good minerals—complete minerals—before my cattle all the time. It's just plain, common sense that the minerals which help digestion...help turn grass into bone and tissue...help cows turn grass into milk...is going to use some of that 75%. It's one way to make one blade of grass do more than it has ever done before.

"And I feed MoorMan’s Minerals for Range Cattle because it's made especially for cattle on the range. Not for hogs or horses, or even milk cows. But with the 12 base and trace minerals range cattle need. Seems to me that MoorMan’s gets me more beef than any mineral I’ve ever fed...gets me stronger, thriftier calves...better conditioned herds...and it’s just about stopped breeding and calving troubles."

2 Convenient Forms
MoorMan’s Minerals for Range Cattle comes in two forms to make feeding easier and more economical—Handy-to-Handle Blocks, and Waste-Reducing Granules which “stay put.”

Available in carload or smaller lots. Special guaranteed prices quoted on contracts of 50, 100, 500 or 1,000-ton lots—1 year to complete contract. See your MoorMan Man about special carload prices, or write, wire or phone Moorman Mfg. Co., Dept. H1-3, Quincy, Ill.

Special Minerals for Alkali Areas
MoorMan’s Special Range Minerals (granular form) is designed for animals in alkali areas which get an abundance of salts or alkali salts in water or forage. It's especially designed for proper consumption under such conditions. Preferred by ranchers in alkali areas where the animal's natural desire for regular minerals is often reduced.
RANCH-WAY V-22 PELLETS
CAN HELP YOU REACH NEW GOALS OF PRODUCTION!!

By proven performance throughout the west, Ranch-Way V-22 Pellets deliver the outstanding results you want in the months ahead—more meat per pound of feed as compared with ordinary feeding practices—livability and vitality that help keep losses remarkably low—extraordinary calf and lamb crops!

STEPPED-UP FORTIFICATION WITH VITAMINS A, E, AND D RESULTS IN GREATER FEED EFFICIENCY!

Stabilization of True Vitamin A with an abundance of Vitamin E in Ranch-Way V-22 Pellets results in high conversion of feed to meat... unusually good results with breeding stock... sound productive dairy herds. For the right feed for every need—See your friendly RANCH-WAY dealer!

The Colorado Milling and Elevator Company • Ranch-Way Division • Denver
The Sunset Milling and Grain Company • West Coast Subsidiary • Los Angeles

CALF PULLER
The most practical instrument produced for the cattle industry in years, and the only one of its kind in the world. We will be glad to mail you a circular. Write for it today.

DENCOLO CORPORATION
516 Acoma Street, Room 10 Denver 4, Colorado

off California grass next summer selling at $35.

Prices for fat cattle also reflected sharp upturn. A new all-time high $36 was paid on the Los Angeles market shortly after the month opened but at the close the top had risen to $37. From Spokane on North to Los Angeles on the South good and choice grading cows were selling largely at $35 to $37 with good grading kinds down to $33 and only real common offerings under the $30 mark.

Load lots of heifers went up $35.25 with odd heads at $36. However the bulk of heifers at most points were from $32.50 to $34.50 with a few near $30. Cow prices held at extremely high levels at all Coast markets. Good beef grades sold at $30 and as high as $31 with the bulk of the market generally going at $27 to $29.50. Heavy Holstein cows were selling $28 and $28.50 at Los Angeles dealers and cutters sold from $21 to $23.

Bulls, Calves Move Up. Supplier bulls have been far below requirements of sausage makers. Good heavy type kinds sold up to $23.35 with the bulk of the supply going at $21 better. Even the beef grades went along with sausage grades as bookings worked for numbers.

Slaughter calves and vealers are largely from $36 to $40 with common offerings down to $30. Cattle suitable for stocker buyers sold to $46.

Hog prices gained from $1 and lost about half of the seven
For work that cannot be postponed, there is no better helper than the 4-Wheel-Drive Willys Truck. It will get you to town in any emergency, take you to any part of your place to tend to stock. With its 4-wheel traction and Hurricane Engine power, the Willys will climb steep grades and go through mud, sand and snow that stops other trucks. Let your Willys dealer demonstrate this great 4-Wheel-Drive Willys Truck. 1-ton payload—5300 lbs. GVW—118-in. wheelbase.

On thousands of farms and ranches, the Universal 'Jeep' is helping owners keep ahead on work the year 'round. With 4-wheeldrive pulling power and operating range of 2 mph and up, the 'Jeep' is adaptable to almost any farm job. With hydraulic lift, it can be used with 3-point-hitch implements and it operates pull-type equipment. It will haul or tow on any kind of ground, in any kind of weather. Ask your dealer to show what the Universal 'Jeep' can do for you on your farm.
MRS. KATE MAILLIARD has this to say about pasture improvement:

"Using the counsel and advice of Burle Jones, we have materially increased the carrying capacity of our sub-irrigated pasture and range land."

Raising pedigreed Merino sheep, famed for their fine texture and quality wool is more than a hobby with Mrs. Kate Mailliard, who operates the 14,000 acre Mailliard Ranch near Yorkville, California. At the Mailliard Ranch timber slashing and burning are part of the annual routine. Seed is always sown in the fresh ash of a burn. In addition there is an annual program of seeding on a prepared seedbed, and of scattering subclover seed on the range wherever conditions seem favorable. Forage production on this ranch has been greatly increased by this persistent program.

In establishing successful permanent pastures, Volkman's quality seeds play an important part. Volkman's Seeds are characterized by trueness of strain, high purity and high germination. Specify Volkman Quality Seeds for your pasture plantings.

BURLE JONES
Our Specialist in Pasture Development
Former head of the University of California Pasture Development Program, is associated with us as our pasture specialist. Inquiries invited. No obligation.

FREE PASTURE FOLDERS
Simplified but complete—free on request.

C. M. VOLKMAN & CO.
Quality Seeds Since 1863
55 UNION STREET • SAN FRANCISCO 11

When the market reached...

Some packers practically from the market in order to losses on pork operations.

Burle Jones was our specialist in pasture development and he supported at all times. The bulk of spring lambs in California sold during the month at $34 to $35 with 100,000 estimated to be under contract.

Meanwhile, slaughter lambs sold strong to high. Good and choice lambs sold from $34 to $36.50 at Denver, reporting them at $38 to $38.75 and feeders at...

Practical Feeding—
Steers Fed Concentrates
In Commercial Experiment

Lewis V. Nye, manager of Rancho las Baulines, Mono County, California, had good results in feeding concentrates on trigger pastures. Here is how he handled his weaner steers:

They were put in dry lot September 30, 1949, and were fed 180 days on a ration composed of 1½ lb. rolled barley, ¾ lb. cottonseed cake, some alfalfa and all of the good oat hay he could clean up.

From Apr. 1 to Aug. 5, a total of 125 days, the steers were on good permanent pastures and received a ration of 3½ lb. rolled barley, ½ lb. cottonseed cake and a little oat hay on pastures.

Calves Late. The calves were weaned and weighed about 350 lb. when weaned. Total cost of hay and grain was $60.80 per head. The pastures charged at $16 per head or a total of $76.80. The calves gained 475 lb. per head at a cost of approximately 30 cents per pound. The steers fed to top good after they were slaughtered.

Nye says that the program worked out all right, "he says. When the market reached...

Manana
By S. OMAR BARKER
Manana is a Spanish word.
A lot of folks should borrow.
It means: few ulcers are incurred.
By waiting till tomorrow!
SHOULDN'T BE. THEY ALL GOT SHOTS FOR THAT.

DANNY, YOU'D BETTER MAKE SURE YOUR PROJECT GETS A SHOT OF THAT STUFF TOMORROW.

DOE HAS ALREADY TOLD US ABOUT BOTH DISEASES IN MY VOAG CLASS AND I DIDN'T WANT TO TAKE ANY CHANCES WITH "DOMINO."
LAND BANK
LOAN

provides SYSTEMATIC, LONG-TERM FINANCING for all agricultural purposes—SIMPLIFIES YOUR PLANNING.

Loans are repaid in diminishing installments that include a principal payment and interest at 4% on the decreasing balance.

Land Bank Loans are made through National Farm Loan Associations situated in all farming and livestock areas, owned and operated by local farmers and ranchers.

If there is no association listed in your telephone book, the Federal Land Bank will send you the address of the nearest office.

THE FEDERAL LAND BANK
OF BERKELEY
Berkeley 1, California
SERVING CALIFORNIA, NEVADA, UTAH AND ARIZONA

WASHINGTON defense agencies are so jumpy that they will fight at the drop of a hat. Overlapping and some conflicting authority is adding to the confusion and doing nothing to make New Dealers fuzzled.

Old-line congressmen jealous of their prerogatives are fighting to keep the new defense agencies from taking away their authority. Both groups spend much of their time "polishing up to get the upper hand.

The battle over livestock controls is an example of how bitter the behind-the-scenes disputing can get. Agriculture Department livestock people didn't want controls and were convinced that they would do more harm than good. They argued logically and heatedly against them.

The battling went all the way to Mobilization Director Charles Wilson, who ruled in favor of controls. On slaughtering, Agriculture was miffed, told the Office of Price Stabilization that since it wanted licensing it would have to do all the Price Stabilizer Michael DiSalle hoped that Agriculture would do the job.

At one point in the wrangling up to controls, the usually conciliatory DiSalle lost his temper and ordered the livestock group to stop arguing whether there should be controls and start talking about how they should be administered.

* * *

HOW LARGE a livestock population can the U.S. support? Is a defense program calling for all food and fiber production? Washington is pondering that question.

The question becomes more pertinent as a result of latest figures showing increasing livestock numbers and dwindling feed supplies. Washington will put off the answer at least until the size of the 1951 feed crop is determined.

Here are some of the statistics perplexed Washington officials are using. The number of grazing consuming animals jumped a hefty

Reduce Your Feed Costs
$12 - $16 a Ton

BROWER Whirlwind FEED MIXER
Easy to use. 5 sizes mix 700 to 4000 lb. batches in 10 minutes. All steel, lasts for years. Over 8000 in use. Write for catalog TODAY!

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REGISTERED BURDIZZO TRADE-MARK
BLOODLESS CASTRATOR

Minimize your losses at marking time. Burdizzo marked stock thrive better.

O. M. FRANKLIN SERUM CO. DENVER
Sole Makers: LA "BURDIZZO" CO. Corso Bastaroli 187—TURIN (Italy)
It's Here....

CASE

AUTOMATIC BALER

(TWINE)

SIMPLE, DEPENDABLE
SELF-TYING UNIT...
PLUS ALL THE ADVANTAGES
OF FAMOUS "NCM" BALER

MAKES FIRM, NEAT,
FULL-WEIGHT BALES
TIED TO STAY TIED
WITH HEAVY-DUTY TWINE

BALES VENTILATED FOR
FAST, EVEN CURING...
SLICED FOR EASY FEEDING

A STILL FASTER, EASIER WAY TO QUALITY HAY

Never before a baler like this! Developed from the famous Case "NCM" Slicer-Baler, this new automatic baler gives you all the advantages of the "NCM" plus simple, positive automatic tying. It offers you new ease, speed and economy in baling... simple construction for easy operation and upkeep... strength and long life with light weight.

A continuous stream of bales from bale chute to wagon hustle your haying... enables you to put hay up promptly to keep the precious, protein-bearing leaves and green color. Ventilated bales, for even curing and clear-through quality, are sliced for easy feeding.

With a Case Latch-On or Trailer Mower, tractor side rake, and this automatic baler, the three simple steps to quality hay are easier than ever. Get the full story—see your Case dealer now.

SEND FOR FULL INFORMATION

Get latest folders on balers, etc. Mark machines that interest you; write in margin others you need. J. I. Case Co., Los Angeles and Oakland.

- Automatic baler
- "NCM" baler
- Heavy-duty bale
- Tractor rakes
- Forage harvester

NAME __________________________
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RFD __________________ STATE ___
BANQUETERS—Enjoying banquet held during the recent American National Cattlemen's Assn. convention in San Francisco was this group from Washington. Seated clockwise around the table, beginning with the couple at the left, are Mr. and Mrs. Alan Rogers, Ellensburg; Mrs. Birt Fisher, Ellensburg; Mr. and Mrs. Loy McDaniels, Loomis; Fred Hanson, Ellensburg; Mrs. John Chohlis, Yakima; R. L. Rutter, president of the Washington Cattlemen's Assn., Ellensburg; Birt Fisher; Mrs. Rutter; and John Chohlis (center).

during 1950. The size of the feed reserve was down 5%. Both figures are for Jan. 1, 1951.
The 84,179,000 head of cattle on farms Jan. 1 represented an increase of 4,127,000 over a year earlier. That was 7% over the 1940-49 average and only 2% under the record high of 1945. End of the increase isn't yet in sight. The 18,833,000 beef cows 2 years old and over was 10% over a year earlier and a new record high.

The average value of all calf calves on farms Jan. 1 was $37, all-time high, and $37 over a year earlier. With increased value per head and an increase in numbers, the value of cattle jumped to $13,441,000, up 36% from a year earlier.

Meanwhile, the 65 million hog farms Jan. 1 represented an increase of 7% over a year earlier. The 505,000 head of sheep was an increase of 1 million, the first in nine years. In dollar value, both hogs and sheep, like cattle, reached a new all-time record high.

THE OTHER HALF of the stock picture—feed grains and range— Secretary Brannan has asked maximum utilization of pasture and range land, and for a substantial increase in feed production. He asked for 50 million acres of corn, an increase of nearly 6 million acres, and commented that it might be a "good thing" to have an even larger acreage if it were not for the equally urgent need for other crops. The supply of corn on farms Jan. 1 was 130 million bushels under a year earlier. The supply of oats was up 110 million bushels and barley stocks were 52 million bushels above a year earlier.

Grain production officials think that we can get enough increase in feed produc-

FATTEN CATTLE

FEEDS KNOWN to make weight gains are blended in modern mixing mills at the California Cotton Oil Yards. Larry Richens, the best feeder in the business, carefully selects and controls feed supplements that add the highest yields daily in pound gain. And the location of LESS THAN A MILE to the Central Markets keeps that gain—and your increased PROFITS. Ship YOUR feeder cattle to the California Cotton Oil Yards. Phone AN. 0189 for reservations.
In America little business and big business make a team that is hard to beat. In many industries little businesses make the parts which big business assembles into big, complete, finished products. Working together in this way business as a whole has developed the "know-how" that gives our nation its mighty productive strength.

To me, it is essentially American to start little and grow big. Swift & Company is a good example of what I mean. Gustavus Swift started in a small community. He bought a heifer and sold the meat personally from his original red wagon. As he gained "know-how" his business thrived. Later his sons worked with him in developing a service essential to a growing nation. Today, little companies still grow big and the combined know-how of all business is one great bulwark of our defense.

When national emergencies arise, where except in business would you find the trained manpower to handle problems of production and distribution? They become responsible for handling in their own companies the special problems created by the emergency. They put their combined business know-how to work to keep America strong.

It is my conviction that we Americans live better because there are both big and little businesses. I maintain that business know-how develops as businesses grow... and that such know-how is essential to the defense of all the big and little things for which we Americans stand.

Seeded dry-land pastures have higher grazing capacity than native range

Robert Lang
Associate Agronomist
University of Wyoming, Laramie

Seeding dry-land pastures to supplement native range and increase the carrying capacity has become increasingly important.

Experiments have shown that crested wheat grass, western wheat grass, Russian wild-rye grass, and intermediate wheat grass are all well adapted to conditions similar to those in eastern Wyoming. These species, when grazed at their optimum time, have furnished nearly three times the grazing capacity and about three times as many pounds of lamb per acre as native range.

Pastures seeded to these cool-season grasses will supplement the native range any time of the year, but particularly in the early spring and again in the fall. For a good stand of grass, follow these rules carefully:

1. Select a species which is adapted to the climate of the area.
2. Get good quality seed—high in purity and high in germination.
3. Prepare a clean, firm seedbed.
4. Plant cool-season grasses very early in the spring or in early fall.
5. In general, drill to cover about 3/4 inch for crested wheat grass or seed of similar size. Plant smaller seeds shallower.
6. Allow no grazing during first year. Mow weeds when about 6 to 8 inches high if a thick stand develops.
7. Plant with a legume whenever possible. Alfalfa is the best legume tested thus far for dry-land areas.

"Our plans for the coming year must be based upon the greatest possible production. That must be the keynote for farmers and stockmen... It's crystal clear that... in 1951, an ample supply of food is essential for victory. All-out food production is our job. Plan it that way!"

Nelson R. Crow, Publisher
Western Livestock Journal

Seeded dry-land pastures have higher grazing capacity than native range

**Quote of the Month**

"Our plans for the coming year must be based upon the greatest possible production. That must be the keynote for farmers and stockmen... It's crystal clear that... in 1951, an ample supply of food is essential for victory. All-out food production is our job. Plan it that way!"

Nelson R. Crow, Publisher
Western Livestock Journal

**Nutrition is our business—and yours**
BRAHMAN TALK—Highly interested in Brahman at the 1951 Phoenix Stock Show, where they were shown for the first time this year were, left to right: Mike Levi, Pale Face Ranch, Phoenix, Ariz.; Harry P. Gayden, Houston, Texas, executive secretary of the American Brahman Breeders' Assn.; Wayne H. Fisher of Wayne H. Fisher Ranches, Blythe, Calif., and William Janss, Vaca Ranch, Patagonia, Ariz.

Photo by Matt Culley

duction, with favorable weather, to match the 1950 increase in livestock numbers. They think, however, that the livestock-feeding situation will have to be reviewed next fall.

Secretary Brannan, in announcing 1951 production guides, did not include livestock other than to say that it is “very important that livestock production be continued at high levels.”

cautioned producers that they make their plans with close thought to the feed situation.”

Agriculture Secretary Brannan is expected to soon announce a new Cabinet soon for another, as yet undetermined, government job. He has far, tabbed rumors of his tenure as “wishful thinking,” but they continued.

The facts are these: Brannan continued under fire from the state organizations which did not like his farm plan. President Truman told him that anytime he would be able to have another federal plan. Brannan has been looking over several jobs that could be opened for him, including the ambassadorship to Brazil. Speculation as to a successor includes a long list of names, headed that of former governor Roy V. of Oklahoma, who turned a three years ago.

Brannan was miffed much of the authority over production supplies, prices and was parcelled out to new defense bodies. He wanted his department designated as a defense agency, so he decided to do something about it.

And so now the department is a brand new, streamlined, defense set up providing a “straight line of authority” directly from the secretary to every farm in the nation. It is

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Says C. S. Merriman of Clovis, Calif.

Above photo from Mr. Merriman shows stock grazing in field sown with Germain’s Pasture Grass Seed. Mr. Merriman says, “We have planted Germain’s Premium Brand Seeds for several years and would not consider planting any other Pasture Grass Seed.” Pasture Grasses are only as good as the grass from which they grow. PLANT THE BEST—Germain’s Premium Brand Seeds.

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RED BLUFF sure is a good year! Big crowds, high average records shatter best lot of Shorthorn and Hereford bulls that have ever gone through there, and lots of them. It was inspiring to watch the buyers and spectators respond as the show wound. I popped off in the Feb. Journal about the prices set at Robles a few days before we head—over three times as many, too, at Red Bluff. Three hundred dollars a head for a pen of 5 Crowe Ranch bulls, the kind the Bluefys buyers really go after, and each for Herb Chandler’s champion pen of 5—about the nicest pen ever brought to Red Bluff, two pens broke all previous price records for pens of 3 at $2,300 each—a beautiful lot of $2,300 each—a beautiful lot and Billy McDonald had the wonderful shape; and the星座 champion pen of 5 at $2,300 head, a dandy bunch of hear...
It is now ten years since Dr. Franklin concentrated into one product a full immunizing dose for Blackleg with a full immunizing dose for Malignant Edema. The record of dependable immunity stands out as a notable achievement of modern scientific disease prevention in the field of livestock biologics. Stockmen get double protection and double value.

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With the proper mixture of insecticides, the SPRAY-DIP can quickly and economically spray your cattle for both grubs and lice at one time.

Here's how: First the back of the animal is treated with the Grub-Scrubber (see below). Then, with the turn of one valve, 27 nozzles drench the whole animal. That's saturation and coverage for you. That's time and money saved, too. And it pays off over the scales at sale time.

The SPRAY-DIP, the only saturation sprayer with clog-proof revolving filter, is the best for year-round livestock parasite control. Run-off material is recovered and reused.

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**AZARONIA COWBELLES—New citizens of the Northern Arizona Cowbelles are (seated, left to right) Mrs. Oscar Beam of Holbrook, second vice president; Mrs. Fred Turley, Azipline president; with Mrs. Pearl Willis, Secretary, and Mrs. Laura Hunt, reporter (standing, left to right). Photo by Hickman.**
called the cattle, was on the job every minute and had them lined up on every lot away ahead of time. The clerking and bookkeeping jobs were superb. The promptness with which they secured the names and addresses of buyers, aided by the little wire carriers which were unique and mighty helpful, and the way the livestock office handled the mimeographed reports of the sales which were ready in about 20 minutes after the selling was over, beat anything I ever saw anywhere. The City Dads of Red Bluff really cooperated. They put paper caps on the parking meters downtown (about the only type of slot machine now legal in California) and this added a lot to the comfort and tempers of visiting cowmen. It is to be hoped that other municipalities in California, where livestock auctions are held that attract a lot of country folks, will take notice and follow suit.

THE entertainment—oh, boy! I really got into the first night's party at the Tremont this year. Last year I was buffed and didn't make it, but this year I stayed quite a while and enjoyed it. I also made it into the buffet supper the second night and really got fed. The vaudeville show that same night, that Dave Minch arranged for as usual, was tops. My favorite number, a male quartet, was on deck: "The Sportsmen" who sing on Jack Benny's show hit the bull's-eye for me. Their own interpretation of "My Adobe Hacienda" and especially the efforts of the member who insisted upon singing "I theeenk" will remain in my memory for many moons. Also King Cole and his helpers. That rendition by King Cole of "Mona Lisa" was a gem, and how that drummer of his got away with his number with only

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2 hands and 10 fingers, I dunno. The guy who built up the two piles of wooden blocks and romped around on top of them on a ladder caused my spine to tingle, not to say anything of the chap who draped the lovely ladies. It was a great show.

LOTS of folks I knew were at Red Bluff. During the Hereford sale I ran into a bunch of really old-time herdsmen and we palavered quite a lot. Jimmy Reid, now of Breckenridge, Minn., where he is raising Shorthorns and doing all right, was in the bunch. Jimmy was all dolled up in a swell suit and a hat—first time I ever saw him when he wasn’t wearing a cap and levis. I knew him when he was with A. B. Cook in Montana, and later with Harold Hoover at the Willow Creek Ranch at Belt, Mont. By the way, Harold Hoover is now top hand of the Anaconda Copper Mining Co. Scotty Milne, now of Richmond, Calif., and retired from cattle pursuits, was in the group and had considerable to say. Ben McRobb, who has been at Annadel Shorthorns at Santa Rosa off and on for many years, was there, and also “Goldy” Gould, now with Marshall’s Laguna Ranch at Point Reyes Station. Freddy Barlow came along leading a bull and paused for a moment. Freddy and Goldy are only kids, compared to the rest of us, of course. Herbert Chandler joined us for a few minutes. We really tore off a lot of conversation, mostly about the old days.

I RAN into Wallace Dement, of Myrtle Point, Ore., who was with us on the 1950 WLJ California Cattle Tour. With him was Albert H. Powers of Powers and Myrtle Point. He is one of the big cattle on the west coast of Oregon. I seen him since we used to meet Pacific International at Portland years ago. Also had a nice chat with Walt Holt, manager of the lot, and he is planning for the biggest lot at Portland this fall. Also from the Charley boys and Claus, from Brownshore neighborhood of theirs, Lloyd D. think I hadn’t seen Lloyd and I joined up with Bill Beld and Tucker and Ed Asher on the Smith-Freeman sale at Moscow, a few years ago. The we were in Portland Lloyd was going out to the baseball and see a game at 2 a.m. Oh, well.

CALIFORNIA cattlemen were
Red Bluff in full force.

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won't permit mention of all of them. My wife and I met C. H. Hansen of Cedarville at breakfast one of the mornings we were at Red Bluff. Mr. Hansen had picked off one of Peterson Bros. pens of 5 at $1,300 per each, and was just as happy about it as though he had bought them a few years ago at lots less money. How times have changed!

Eugene Selvage was at Red Bluff to see his Lucky Hereford Ranch bulls sell, and reported his purchase of Proud Possessor from Suncrest Hereford Ranch at $50,000. This bull has made good as a breeding bull, as well as having been in the Suncrest show string. It is fine to see these good breeding bulls come out to California. Walter Charlton, the Lucky Ranch manager, and Sam Drybread, the herdsman, are really getting some cattle to work with.

I had a nice visit with Fred Bayliss of the Monticrest Ranch at Hilft, Calif., and was glad to see him looking a lot better. Fred had a bad time last year after he was hurt on the ranch and had to stay in the hospital a long time, but he looks all right now. I also had a good talk with Mrs. Joe Jacob who was there with her husband and Norman from their ranch at Prineville, Ore. I used to visit the Jacob family when they lived at Malin, Ore., and Mrs. Jacob always insisted on feeding me!

Mary Crowe (spelled with an "e") of Crowe Ranch at Millville was there. She said her husband, John, got a lot of congratulations when the weekly Journal recently published a flash on the advent of John Crow's (Nelson's son) twin girls, but Mary said

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Page 27
it was a case of mistaken identity and denied any association with the event.

TWO things about the cattle sale at Red Bluff were particularly impressive. First, the bulk of the cattle were consigned by California breeders although, as usual, a number of the top cattle came from Utah, Nevada, and Montana. Second, and the point I think is of utmost importance to the range cattle breeders of California, 253 head of the best California bulls offered for sale were bought by California cattlemen. Ten went to Nevada, 32 to Oregon. Naturally, we would expect the bulk of the cattlemen to go to California breeders, but the fact remains that these men are trying to improve their herds and are not hesitant to pay the necessary price to make this possible. As I said before, I think this is a splendid illustration of the real effort that is being made to breed more and better cattle in California. The same is definitely true of the Shorthorn breed. Of the 61 bulls offered, 51 went to California owners. They went to Nevada, 1 to Oregon. In this way, the cattlemen in California who wanted Shorthorn breeding really got a chance to get some of the bulls to make this possible. They were a fine lot of bulls. Clint Tomson, the secretary of the American Shorthorn Breeders' Association, helped a lot and was pleased with the outcome. Clint Tomson, the association fieldman, the job all the time. Everybody was pleased with the fine quality of the Shorthorn offerings and the very high prices obtained.

SINCE these high prices have been paid for range bulls this past summer and winter I have occasionally heard some comments by cattlemen who run grade breeding herds...
highly recommend!

Birdsfoot Trefoil is becoming increasingly popular for permanent irrigated pastures—because...

1. No known cases of bloat.
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The narrowleaf Birdsfoot Trefoil has proved to be the most adaptable type in California.

FOR MAXIMUM FUTURE PROFITS THE PERMANENT PASTURE WAY—ASK YOUR DEALER TO SUPPLY YOU WITH FERRY-MORSE SEED.
feeder cattle, particularly in view of the fact that old breeding bulls which are being sent to the market are bringing prices practically as high as other kinds of market cattle. I didn't mean to preach a sermon, but I had this on my mind and thought I'd better get it out of my system.

After Red Bluff, those of us who went to Sacramento to attend the Sanborns' Polled Hereford dispersion wondered what the price situation would be there. It was an entirely different kind of offering, of course, with the preponderance of females, but it didn't take long after the sale started for everyone to find out that the buyers were fully as willing to pay for the breeding cows and heifers as they had been for the bulls at Red Bluff.

It was a striking coincidence that the sale averages at Red Bluff and the Sanborn sale were exactly the same, $1,317—identical twins, one might say, male and female (that's a weak one). As was the case at the Karpe sale a few weeks before, the value of a really good purebred sire, or sires, was indicated. There is no need for me to go into detail, as much has been said and written about this most successful dispersion sale.

Approximately the same distribution of cattle resulted at the Sanborn sale as at Red Bluff. Of the 163 lots offered, 115 stayed in California, 9 in Oregon, 9 in Nevada, and 1 to New Zealand, again illustrating the point I mentioned above. It was interesting to me to see how many of the cattle went into the hands of purebred Polled Hereford breeders who evidently were anxious to get the breeding of Leskan Tone.
How to make good telephone service even better...

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How many times have you answered the telephone just as someone hangs up? You know it's not always possible to get to the telephone the moment it rings. So best way to make sure you get the person you're calling is to give him a full minute to answer.

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- Pacific Telephone

When you take the kinks out of your telephone cord, you help protect your own service. For too many twists may break some of the tiny wires in the cord, causing you to hear a "frying" noise. Let the receiver unwind by itself... then keep the curls out by remembering not to put a turn in the cord as you handle the receiver.

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You ranchers in the snow country know that after the first calf is dropped until the snow is gone you will be bothered with SNOWBURNED BAGS. To treat this trouble means extra work but it is necessary if your calves are to start the summer in top shape. You have seen calves kicked on their ear when they tried to suck, simply because that bag is sore as a boil, due to SNOWBURN. After about so many tries those calves will quit, hump their backs and bawl. You can let them tough it out and be culls next fall, or die (either way costs you money) or, you can run all your cows with SNOWBURNED BAGS through your squeeze and rub on each bag the Lanolin-loaded ointment — BAG BALM.

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"Con" Warren (C.K. Warren Ranch, Deer Lodge, Montana) uses Bag Balm on snowburned bags and likes it because it heals the cracks quicker, helps prevent further cracking because it stays on longer, and is not distasteful to his calves.

NATIONAL WESTERNERNERS

over Hereford problems at the National Western Stock Show were, from left, Henry Stank, Laramie, Mont.; Oliver M. Walls, Ranch, Big Horn, Wyo.; C. W. Warren Herefords, Deer Lodge, Mont., and Elmer Johnson, Livingston, Mont.

One tall Republican with a well groomed appearance, Howard and Helen Reamer of Deer Lodge, Mont., came up to Lo-Forrest Bassford for the announcement that the winner of the Tri-County sale put on, which was a real feast. I have gotten in on them and would have missed this one at Mattress. There was a good big crowd and I am sure that all the associates who attended the banquet room, Dwight to the banquet room, Dwight had retired as president, after a few minutes of fringes, they didn't venture into the banquet room. Dwight had a very nice manner. Dan, re-elected secretary, and boys all the facts and figures of the Tri-County sale at the Paso. One of which was very gratifying was the Tri-County outfit has the high point of starting off the high point of starting off the high point of starting off the high point of starting off the high point of starting off the high point.
The day after the Tri-County banquet, Forrest Bassford and I put in around the Santa Ynez Valley. I was just riding and visiting, and really had a good time. One outing we called on that I had never seen before was that operated by Walter Duff, just outside of Solvang—Rancho de la Mesita. Walt and his father have had a Larry Domino bull they bought at Los Angeles out of a Milky Way consignment a number of years ago. The bull's name is MW Larry Domino 58, and last December he was sold to Normandale Herefords, who now have him on their ranch at Prineville, Ore. Joe and Norman Jacob, who operate Normandale Hereford Ranch, were at the Los Angeles bull sale in December and went up and bought the bull after that. Walter Duff showed us their cow herd and a number of the calves and young cattle out of the 58th, and I would say that he is doing a very good job.

We also visited Ted Chamberlin at his ranch in Los Potreros, and he took us practically all over his ranch in a brand new '51 Ford. He did a job of backing that car down hill on a dugway road at a good speed and got away with it very successfully, but he made the hair raise on the back of my neck. We saw a bunch of his good Polled Hereford calves and the new cattle he bought at the Sanborn sale.

We also caught Otto Battles at his beautiful home on the side of the hill there in the Santa Ynez Valley, and had a nice visit with him and Mrs. Battles while looking out over the charming view across the valley.

We called on Peggy Austin and her Angus cattle at her Dry Creek Ranch. Later we had a nice visit with Katherine Dumont, and saw her Yorkshire pigs, which are beauties, and some of her new Shorthorn calves out of the "Irish" bull and her older herd sire.

We got out of the Santa Ynez Valley late that afternoon and drove to the Dos Pueblos Ranch and caught Ray Austin there just before dusk. It was too late to go up to see his cow herd, but he took us down and showed us four Hereford herd sires that looked plenty good to me. After that we drove back to Los Angeles, and called it a day.

**Harvester Hebephone**

**By B. C. LORENZEN**

A harvester's an onery thing—They call it self-propelled; Seems to me it's wheeled and geared, Chained and dammed and helled.

**Pump Handle Pete**

Says:

Them Russians is all wet—

One fellow says, "I'm glad I'm not a Russian." And the other fellow says, "Why?" So the first fellow says, "Can't compete Russian."

Well, I believe there's better rea-sons than that. For instance, s'pose you get tired of your creaky old windmill and wanted a dependable, low-cost jack you'd have to ask some justification and if he didn't like the color of your eyes you wouldn't be allowed to buy it.

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...Always buy Tractor Tires built by FIRESTONE, Originator of the First Practical Pneumatic Tractor Tire.
Brush Burning—California blazes a trail in reclaiming to grass its acres of brush land

By DR. GEORGE H. HART*

HAT started out in 1932 as a range brush-burning committee appointed from the staff of the University of California College of Agriculture has become a land utilization committee which has at its disposal the collective information gathered by the committee over a period of 17 years. This group of specialists is well prepared to defend its factual information against attacks based on propaganda.

We started off with the idea we must study many things, but the first thing that came up before this committee was: Will burning brush increase burning.

Erosion Study. Immediately Dr. F. J. Viehmeyer, the hydrologist and irrigation engineer on the committee, began to study erosion and run-off. When this committee started it had little money, and $2,500 was considered a good deal, because it was not known what we were going to do, nor how we were going to do it.

Then we got $5,000; then $10,000, and last year $50,000. We are now planning a program that will far exceed $50,000, because it is going to take a great amount of money to prove the factual data required . . . but it is going to return millions of dollars in value.

In California the very biggest interests in the state are for enlarging and going ahead with this program. In California, we have the highly publicized fruit and vegetable crops that have made us known all over the world. They are great producers of wealth, which have been the basis for great enlargement of the agricultural experiment station activities at the University of California, one of the largest programs in the United States.

Further Study. Some 185 or 200 of these commercial crops are grown in California, while eastern states have 6 or 8 or 10 stable crops from year to year.

This foothill land in California’s Madera County has undergone burning operation. The feed growth above, result of reseeding, is proof that brush land can produce good forage.
Cowman Merle Soults, who owns three ranches near Tulare, Calif., inspects handful of chopped hay, a vital part of his feed program.

By F. LELAND ELAM

Feed up your grain and forage production.” That is the advice of Merle Soults of Tulare, Calif., who runs both registered and commercial Herefords.

Why? Soults has a good answer on the tip of his tongue—“It will put money in your pocket.”

Soults is a building contractor who expanded into the ranching business. Right from the beginning he planned an improvement program on bracing the policy of growing all the feed his stock needed and making sure that he raised all the feed he raised through his cattle.

Pays Off. His program has paid off, for he is disposing of what was one of the best contracting businesses in Southern California and is now spending all his time to his profitable cattle enterprise— one that has been made profitable by a very carefully planned feed program.

Soults has 400 head of registered purebreds, 150 of which are breeding cows. Plans call for increasing the breeding cows to 600 or 1,000 head, through raising and buying.

His commercial cattle are all purchased calves at weaning time and are fed out and sold weighing from 1,050 to 1,100 lb. During the course of a year, 4,000 head are fed out in his own feed lot.

Feed for Stock. Feed production for the cattle includes hay from 900 acres of alfalfa, pasture from 560 acres of irrigated pasture, stubble, mountain pasture and ensilage from 200 acres of hegari, an improved gyspsum corn.

“Over 300 tons of barley are raised each year but about 1,000 tons of barley must be purchased from the outside because we do not have enough acreage to raise the desired amount,” Soults says.

“This does not mean anything in the way...
It's money in your pocket when you market grain and forage through your cattle.

Extra costs, for barley can be bought for about the same as it can be raised. Between 1,000 and 1,500 tons of cottonseed cake are also purchased to help build out the concentrates.

One of the major "money in the pocket" savings comes in producing alfalfa hay and marketing it through the cattle. Souls explains the hay was raised in the alfalfa fields in time to let them come along with a good growth by the time the alfalfa was ready to cut the first time. This brought the first cutting tonnage up to a 3-ton average per acre.

Our second step was a plan of crop rotation. Alfalfa is grown on the land for four years. It is then planted to cotton for two years. The cotton cleans up the weeds, eliminating such weeds as Johnson grass and Bermuda because of the low planting and cultivating that must be done to it. Cotton is followed by two years of barley. Then the land goes back to alfalfa. This procedure keeps production up in all three crops.

Wild Feed. The 560 acres of irrigated pasture has cost Souls little more than the leveling of

This is the Soults feed mill to which hay is carried by belt line. At the right is the 600-ton grain and cottonseed cake storage bin.

Soults has 400 head of registered Herefords besides his commercial herd. Stock shown here in feedlot is awaiting tattooing operation.

This is the largest of Soults' two hay barns. It has a capacity of some 4,000 tons of chopped hay, 1,000 tons of baled barley straw.
Next Time, Show a Winner

By EDWIN J. ROUSEK
Head, Animal Science Division
Fresno State College, Fresno, Calif.

Showing a steer is no easy job, and winning a blue ribbon is even more difficult. Here’s how it’s done by the students at Fresno State College.

Members of WLJ’s California Beef Cattle Tour will have an opportunity to learn more about the various livestock programs at Fresno State College when the Tour stops there Wednesday, April 18.

With the meat shortage we have facing because of an unsettled world situation, more and more young farmers are looking to feed beef cattle. Many of the club members start out with perhaps an animal that they feed and fit for a show and as they gain experience, expand their enterprise to several animals and eventually carloads of cattle.

The people of California are beginning to demand more feedlot beef. Beef fattening enterprises will, I believe, expand more in the future than they have in the last few years.

It has been my experience in judging junior shows that quite a few youngsters do not know how to proceed to get the job done in bringing a top fat steer into the show ring. In order to have a blue ribbon steer a club member must know many things and do them correctly or he will lose.

Right Type. The first thing that must be done

Please Turn to Page 10

Author Rousek, left, and Hardeman Bill Verdugo, right, pose with FSC students and their steers to demonstrate clipping at last year’s Cow Palace show. The steer second from left in photo is properly brushed.
Portrait of

Dr. C. B. Orvis

Cattleman

MEMBERS of WLJ's California Beef Cattle Tour will have an opportunity next month to meet the state's oldest Hereford breeder, the oldest living veterinarian and one of the founders of the California State Veterinary Medical Assoc., when the tour calls on the Orvis Hereford Ranch at Farmington, April 17. The man: Dr. C. B. Orvis, who celebrated his 93rd birthday Feb. 13.

Dr. Orvis was born Feb. 13, 1859, at Dr. B. Cl invented his corn, Wis. He worked on his father's farm until moved to North Dakota Territory in 1883; then he went to Denver, Colo., to study veterinary medicine, returned to the East in 1886, and served as a private in the Fourth U.S. Army in 1894-95. After his graduation, there was a general depression, and Doctor Orvis came to Los Angeles from Chicago on a ticket that cost him only $2.50. He wasn't too much impressed by the little pueblo that was then Los Angeles. He looked things over in San Fran cisco where he took a night boat ride in the fog for a total of 10c. Stockton appealed to him and he has been a resident of that area for more than 60 years. He started his veterinary practice at 336 East Lafayette Street. Incidentally, though the place has changed ownership a couple of times, it is still a veterinary office, being the home of Dr. Francis Saunder's small animal hospital and laboratory. That surely makes it an address that has served longer than any other spot in the state of California as a veterinary office.

Retiring from veterinary practice in 1896, Doctor Orvis bought the Snow Ranch near Farmington and became one of California's first registered Hereford breeders. The herd has been improved through the years and continues to be in the hands of the Orvis family. Doctor Orvis lives on the ranch now with his son and his wife, Mr. and Mrs. Wm. S. Orvis. The two sons of William Orvis, Bruce and Jim, are married and are in partnership with their father in the registered Hereford business. Thus the Orvis herd is one of the oldest registered Hereford herds to remain within one family in the entire United States.

Doctor Orvis was the first California veterinarian to spay heifers, and though retired from active practice, he spayed thousands of heifers for himself and neighbors before the cattle were moved to summer pastures in the mountains. He was the first California veterinarian to use the tuberculin test on cattle. He was one of the organizers of the state veterinary association in San Francisco, in 1888.

In 1926, Doctor Orvis, in partnership with Clinger, started the Orvis & Clinger slaugh tering plant at Stockton, a business now managed by his son-in-law, James Victor Cooper.

There is no man more highly respected and beloved in the California livestock fraternity. Certainly, there are few men who have lived to see so many changes in his lifetime. And there are few men who have had more to do with the improvement of the livestock business in the Golden State.
How much money are you losing through weeds cutting into the production of your irrigated pasture?

Ask yourself that question, and study these facts. Weeds in irrigated pastures needlessly cost Western livestock men big money each year.

As weeds increase, pastures produce less feed. The less feed pastures produce, the more hay you have to spend buying or producing hay to maintain production. The more you spend for purchased feeds the lower the operating net profit. Weeds in irrigated pastures cut production to the point where they can be a major factor in the possibility of your staying in business.

Modern 'Tools.' A modernized weed control program on irrigated pastures, therefore, can improve the returns. Herein are listed some tools of a sound pasture weed control program. How many of them are you using?

One of the foremost specialists on weed control in California is Milton D. Miller, advisor of Glenn County, who for years was in the extension service at the University of California, Davis, where he learned much of what he knows about weeds and their control.

Timely mowing is listed by Miller as a tool in controlling weeds. Pastures should be mowed at least once each year for weed control and to even up the sward or turf. Each mow should be timed just ahead of the date weeds are setting seed. If hay is not needed, pasture clippings can either be made into windrows or left windrowed in the pasture. Grazing will subsequently clean up the dry weeds and all.

New Pasture. Mowing is of special importance during the first year of new pasture. It is common experience that most plants grow less vigorously than weeds, particularly the annual ones.

What's your weed bill?

Use these 'tools' to cut your production losses.
Beef breeding power is represented in this pen of five bought by Waldo Weeth, Coalinga, Calif., from Chandler Herefords of Baker, Ore., at a record price, $11,000 total. Herbert Chandler, Charles Chandler and Weeth are shown in the ring with the champion pen just a few minutes after the bidding had stopped. Photos by WLI

RED BLUFF

Range Bull Sale Makes National Record, Dictates Style of West's Beef Production

H. F. Severance, Post, left, and Robert Lister, Paulina, Oregon cattlemen, were among spectators watching bull judging.

Don Hoichkiss, Hotchkiss Cattle Co., and Mrs. Emerson Estes, Red Bluff, pose with bulls bought from Utah's Jensen Bros.
special hybrids tailored to California may make corn a native instead of a Stranger in Our Midst

"THE growing of corn for grain and ensilage in California has been postponed too long," is the opinion of Jonathan Garst, Vina farmer recognized as an authority on corn growing in California. He is thoroughly convinced that corn can be grown to advantage in many sections of California.

Corn is rather a stranger in California, for it has never been too much of a crop even in the Sacramento-San Joaquin Valleys—that is, not as one thinks of the Midwest's vast production.

The actual strangers in our midst are the hybrid corns being developed especially for this climate. The fact that it takes a minimum of seven years to develop fully and test a new hybrid makes them new to everyone.

California Tests. Seed companies, the agronomy division of the University of California at Davis and the United States Department of Agriculture have been conducting tests in California only since 1944.

Commercial dent corn hybrids from Cornbelt states have been tested for yield in California every year since 1944. In 1949 (1950 reports are not ready) 35 hybrids were grown at Davis, 45 at the Zuckerman ranch on McDonald Island in the delta area of San Joaquin County and 23 at the Antelope Valley substation in Los Angeles County. In addition to these, farm advisors in 31 counties conducted 72 local tests.

Hybrid Experiments. The tests are mostly on hybrids being developed for the California climate and for picking by machine pickers.

In their report on 1949 hybrid corn tests, Francis L. Smith and Catherine Madsen of the University of California at Davis outline the opportunity for corn growing in California, saying:

"Corn is shipped from the Cornbelt into the state in large amounts every year for feed. At the present freight costs are about $30 a ton, a yield of two tons per acre a grower would have $60 per acre more than his competitor in the Cornbelt."

Rotation Crop. "There is a need for more acres in the state devoted to irrigated pastures, some of which have been in so long that they are becoming weedy and need to be rotated to another crop. It seems that corn would be ideal for this purpose, at least the first year. The corn use to advantage the nitrogen that is accumulated by growing of the irrigated pastures."

"Corn could be cultivated to control the pasture weeds, and is tolerant to 2,4-D so that such weeds as dock can be controlled by spraying. The corn could be harvested as grain for concentrate feed or for ensilage to supplement irrigated pastures with a palatable, nutritious, and relatively low cost feed. Trench silos are easily built at low cost."

"Corn can be planted as late as July in Disneyland pastures."

By F. IELAND ELAM
Harvesting by two-row corn pickers has been made possible by development of hybrids uniform in plant characteristics and maturity. Several new varieties are now being used.

Jonathan Garst, recognized authority on corn growing in California, examines part of the crop from his ranch near Vina.

A seedling field of hybrid corn at Staten Island Farms, Walnut Grove, Calif., where 2,000 acres are planted every year.

Clean, husk-free ears drop from the picker. They are then taken to a sheller or a crib, depending on their moisture content.

C. A. Bush, manager of Northrup King’s Hybrid Corn department, inspects a new experimental type of double-cross hybrid.
Arizonan Bud Dierking, Phoenix, left, with J. S. Culberson, of Lordsburg, N. M.

Loren Bamert, Ione, Calif., left, president of the American National Cattlemen's Assn., got together with Fred Turley of Aripine at annual meeting. The ANCA president gave main speech of the convention. He condemned meat controls as "police power," suggested increased meat production as a simple "substitute."

AT RIGHT—Manford Cartwright, Phoenix, left, and Tom Heady of Patagonia enjoy visiting during break in program. Both are past presidents of the association.

Frank Moore of Douglas, left, and his Boudon, Snowflake, were among the 300 delegates and wives attending convention.

Cattlemen wearing big smiles were Bud Spence, left, Springerville, Ariz., and Eureka, Kmn., and Louie Herrel, Glendale.

Mr. and Mrs. Earl Thode of Casa Grande, left, enjoyed convention party and chat with Sterling Hebbard of Phoenix, right.

Snapped between sessions were, left to right: Jim Finley, Dragoon; James, Cane, Bisbee, and E. R. Navarre, Florence.
There is a Reason for Lederle's Pride in its Veterinary Bacterins and Vaccines for Protection against
SHIPPING FEVER • BLACKLEG • ANTHRAX • MALIGNANT EDEMA
AND OTHER COSTLY PREVENTABLE DISEASES

Reliability of bacterins and vaccines is the key to success in conducting a program for protection of farm animals against preventable diseases of killer type. "Almost the best" isn't good enough.

Veterinary bacterins and vaccines produced under the high standards by which similar products for human use are prepared carry their own guarantee of quality. Among the many veterinary bacterins and vaccines made by Lederle on those standards are:

ANTHRAX SPORE VACCINE No. 3 (CARBOZOO®) Lederle for protection against anthrax in cattle.
BLACKLEG-HEMORRHAGIC SEPTICEMIA BACTERIN (Alum-Precipitated) B. H.® BACTERIN Lederle for protection against both blackleg and shipping fever.
BLACKLEG BACTERIN (Alum-Precipitated) Lederle for protection against uncomplicated blackleg.
HEMORRHAGIC SEPTICEMIA BACTERIN (Alum-Precipitated) Lederle for protection against shipping fever.
BRUCELLA ABORTUS VACCINE (Vacuum-Dried) Lederle to increase resistance against brucellosis.

Low in cost, these quality products are unsurpassed for safety, uniformity and effectiveness.

For best management practices and disease-control procedures, consult your veterinarian.

LEDERLE LABORATORIES DIVISION
AMERICAN Cyanamid COMPANY
30 Rockefeller Plaza New York 20, N. Y.
PRINCE ESTON of Ferndale

Himself a champion and the sire of champions. By Prince Sunbeam 46.

As executor for the estate of my uncle, John L. McMahan, I am happy to see the Aberdeen-Angus herd go to Mr. and Mrs. R. A. Volkmann, Jr., owners of Hacienda de Los Reyes. We wanted the herd to remain intact, and we are glad that the Volkmanns, in combining the McMahan herd with their own fine cattle, will carry on the herd in which Mr. McMahan was so deeply interested.

It has been a great herd of Angus cattle, a herd that produced many champions and many blue ribbon winners. Even more important, the herd has been a source from which many breeders and commercial cattlemen have drawn upon for seed stock. We believe these customers will find the Volkmann enlarged herd an even more dependable source of fine breeding stock.

Incidentally, the broad demand for high quality Angus seed stock was never more graphically demonstrated than it was when we announced that the McMahan herd was to be dispersed. The inquiries from many people from several different states indicated a clear choice to sell the herd intact to the Volkmanns because we knew the cattle were going to a good home, to be still further improved and urge all interested in quality Angus cattle to see the combined herd at Hacienda de Los Reyes.

JOE SCHAAF, Executor
John L. McMahan, Sr.
WESTERN LIVESTOCK JOURNAL
We are proud to announce our purchase of the entire herd of Aberdeen-Angus cattle from the estate of the late John L. McMahan. We are combining this fine herd of quality Angus with our own herd, giving us a total of more than 200 brood cows. We're looking forward to the results of the great battery of herd sires, including our many champion HACIENDAMERE, with the services of these four herd bulls breeding the McMahan herd:

- **PRINCE ESTON OF FERNDALE**, son of Prince Sunbeam 46. His calves are of outstanding quality, including many show winners.
- **ECLAT'S ERCAR**, sire of the 1947 Cow Palace grand champion female, Sherwood Barbara.
- **HOMEPLACE EILENEMERE 36**, son of Eileenemere 487, famous $30,000 J. C. Penney herd bull.
- **EVERPRINCE OF SILVERTOP 10**, by Beemaker 24, chief herd sire at Silver Top Farms and its dispersion, and grandson of Black Prince of Sunbeam.

We purchased the herd of 81 cows, representing many of the top families of the Angus breed, including Black Bessies, Maid of Bummers, Hacienda de Los Reyes, Miss Burgess, Ills and others. These brood cows, combined with our own herd of Angus, provide us with a great concentration of the top families of the Angus breed.

We invite you to visit Hacienda de Los Reyes, where you may select breeding stock from a herd now comprising more than 300 brood cows.

Hacienda de Los Reyes
Mr. and Mrs. Wm. G. VOLKMAN, Jr.

"IN THE HEART OF THE FERTILE SAN JOAQUIN"

SELMA CALIFORNIA

MARCH 19, 1951
TWO AWARDS—Luther T. McClung, left, presents the American Aberdeen-Angus Breeders' Assn. $1,000 award to C. E. Yoder & Son, Muscatine, Iowa, as Ernest Allen, Southwestern Exposition and Fat Stock Show official, gives a plaque to the Iowa feeders, who showed the grand champion steer, held here by A. H. Spitzer Jr.

Pacific Coast . . .
ABERDEEN-ANGUS ASSOCIATION
Show & Sale
Klamath Falls, Ore.
April 8-9

CONSIGNORS Include:
MORRIS L. D'OTY, Volcano Angus Ranch,
Cassel, Calif.
L. J. FREEMAN, Jandean Farm,
Central Point, Ore.
JOHN HOFFMAN,
Kirkwood, Calif.
DON & WAYNE LENHARD, Meadowmere Farms,
Deer Park, Wash.
DAVE & NORA PLANT, Deer Creek Ranch,
Selma, Ore.
HAROLD G. RANKIN
Hermiston, Ore.
DALE WEST,
Merrill, Ore.
CAROLYN, LEE & ROCKNE FIEGI,
Klamath Falls
GERALD D. WEST,
Klamath Falls, Ore.
DON A. WOODWARD,
Pendleton, Ore.
C. V. BARTON, Black & White Ranch,
Klamath Falls
PAUL BREITNAUPT,
Klamath Falls
ALVAN A. & CHAS. D. CHEYNE, Scotch Acres,
Klamath Falls
R. S. CONNER, Cal-Angus Ranch,
Anderson, Calif.

It's a well balanced offering with Oregon and Washington breeders strongly competing with California consignors in putting up highest quality. Best consignment ever at Klamath Falls.
This work is still going on. The argument is raised that these areas are not small. Some want bigger areas and others ask as if they are going to get them. It is well worth the money. Once water gets into the ground, that which is about the top six inches stays until it is transported from the soil by the leaves of plants, and the greater the leaf area the greater the amount of water transpired.

Cattlemen of long experience think some of this is like proving two times is four.

True Story. I tell an anecdote, but some of you from experience know it as a true story. A man moved his cattle out of a valley in the early summer because he had lots of feed but no water. After he moved out a wild fire burned over the valley. Hearing this, he decided to ride back and see what the fire had done. When he was in there before the fire the spring had been completely dry—the reason for moving out the cattle. He got up to the valley about noon, went to the spring and, lo and behold, it was flowing enough water to water his horses and all the cattle he had there before the fire.
He does a lot of his own work. He lends a hand now and then to his neighbors and they lend a hand to him. He's a good citizen, with a few dollars in the bank and some pretty solid ideas about American ideals.

He banks at his nearby Bank of America.

**Bank of America**

**NATIONAL TRUST AND SAVINGS ASSOCIATION**

He banks at his nearby Bank of America.

**Bank of America**

**NATIONAL TRUST AND SAVINGS ASSOCIATION**

**Aberdeen-Angus**

**STOCK FOR SALE**

Registered and Unregistered

**SAN JERONIMO RANCH**

ED. BIAGGINI

Cayucos San Luis Obispo Co. Calif.

**BELLMERE ANGUS**

Popular breeding, modern type, in great demand.

Usually something for sale. Inspection Invited.

**ROBERT BELL**

Woodland, Calif.

**PALOMAR ANGUS RANCH**

FOR SALE: A number of open heifers of real foundation quality. Also a couple of excellent herd bull prospects.

**T. R. DEMPSEY**, Owner

1104 Pacific Mutual Bldg.

Los Angeles, Calif.

Phone: Pala 2136

**KENNETH GROSS**, Mgr.

Palomar Angus Ranch

Pala, Calif.

**SPEAKER AND HOST—R. C. Pollock**

left, general manager of the National Livestock & Meat Board, is shown talking to Maurice Smith, chairman of the board of directors of the Central Arizona Cattle Feeders Assn., which held its 17th annual meeting recently in Phoenix. Pollock was a guest speaker at the event.

**Aberdeen-ANGUS BELLMERE ANGUS**

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with the university since 1917, and I think we had the heaviest early rains this year. Those rains brought us with warm weather, so that the snow melted in the mountains in addition to the heavy rainfall.

On some of these burned areas, before the growth had gotten started, we had some erosion, but there was also considerable erosion from brush and wooded areas.

**Moderate Erosion.** We have had some snowing at us this year and people have tried to make propaganda out of the situation to hurt our brush burning programs. I consider if you get a heavy rain in the fall on an area right after burning before the grass growth starts, some erosion will occur, but that erosion is a very moderate affair. After you get the grass growing you do not have as much erosion as you had on the brush area.

Dr. Veihmeyer conducted experiments on comparable plots, one of which was burned clean with torches, and the other area left brush-covered. He found that run-off is not accelerated nor erosion increased on the areas that have the brush cut off more than on areas that do not; but the most important thing is that at the end of the season moisture is left in the soil on the burned-over areas and there is no moisture on the areas where there is brush. Consequently, less water is required to prime the watershed during the next rainy season, resulting in considerable savings.

That is because the roots of the brush 25 or 30 years old go to bedrock, whether bedrock is six inches or six feet, the soil moisture goes down and down as the dry season progresses because it is taken out by the roots of these bushes and transpired by the leafy areas.

**Ground Water Supply.** In the grass area there are only one or two feet of roots of most species of annual grasses and below that there is no transpiration loss and no movement of the water up through the roots of the plants, and therefore the water remains there. Annual grasses do not persist throughout the growing season. Furthermore, even perennial species become dormant for rather long periods during the summer and transpiration is markedly reduced.

Every year there is sufficient rainfall to saturate the soil with water and after the soil has reached field capacity and you put more on, it is going to overflow, like from a full bucket, into the ground reservoir. Between the rocks, and run off down slopes and streams. We think that these rains have done us very much more good than harm because they have greatly increased our ground supply of water.

This study has shown that grass has great advantage over brush in reducing erosion. You cannot see that there is erosion under brush because the brush has the ground so densely covered.
Are YOU Raising
$40,000 BULLS?
WE ARE!

Here's One—

PRINCE FERNDALE of W.W.F.

Named Grand Champion Aberdeen-Angus bull at the 1951 Southwestern Exposition & Fat Stock Show at Fort Worth, Texas, shown by Tim Pierce’s West Woodlawn Farm, Creston, Ill., he was later sold in the sale for $40,100 to A. C. Luther and Luther T. McClung, Fort Worth. Prince Ferndale was bred and raised by us and was sold to Tim Pierce at the Cow Palace in 1948.

And now you can buy this

★
See them
Monday, April 9 at Ferndale Ranch
on the WLJ Beef Cattle Tour

Let’s Go!
WLJ
BEEF CATTLE TOUR

2:30-3:00 in the afternoon

Our foundation has been developed from the very best domestic and imported registered Aberdeen-Angus. Prince was one of the last considerations in assembling and developing our herd. Our main idea like our slogan is “QUALITY! That’s What Counts.”

With this in mind we purchased Palomar Prince at Kilkare to head the herd and for his cows we purchased the best individuals available of the most prominent and capable producing domestic and imported families of the breed. These families include: Blackcap Bessies, Maid of Bannock, Blackcap Burgess, Buxom Maid Miss Burgess, Rosemère Barbaras, Blackcap Barbaras, Gammer, Witch of Endor, Jill, Juana Erica, Tolma Blackcap, Blackcap Enchantress, Elza Trojan Ericas and Prince Aberdeen.

Our females were purchased from such great herds as Blackcap, Tolma, Elliot Brown, Wayland Hopley and Smith Farms, all with International Champions in their pedigrees.

This is a complete dispersion and includes a number of herd bulls, all our cows, a great show string, and thousands of calves. This is indeed where the $40,000 bulls are coming from and this is your opportunity to buy the foundation herd producing this kind of cattle.

We will welcome your inquiry and if you will write us we will be glad to send you our catalog when it comes from the press.
In our Complete Dispersal of FERNDALE RANCH
Registered Aberdeen-Angus
Monday, June 11, 1951
at
Silver Top Farms
Belton, Missouri

Headed by
PALOMAR PRINCE

Our senior sire Palomar Prince sired by Prince Sunbeam 46b was purchased by us at the 1945 Great Western for $10,000 after he was made Grand Champion of the show. Since that time he has made a phenomenal record as a sire for us, siring Prince Ferndale of WWF pictured at left. Prince Eston of Ferndale, recently purchased by Hacienda de Los Reyes for a consideration figured at $30,000. A number of the heifers he has sired are just as good as these and possibly better. Both of these bulls have proved their ability in the show ring and in the breeding herd, carrying potency from their illustrious sire.

QUALITY!
THAT'S WHAT COUNTS

FERNDALE RANCH
SANTA PAULA CALIFORNIA
REGISTERED QUARTER HORSES
AND ANGUS CATTLE

Headquarters: RANCHO DEL CERRITO
20704 Van Owen St., Canoga Park, Calif.
PROOF!

Winterton's are winners
They produce winners

Champion Bull at Red Bluff
Winterton bred, shown and sold. Sensation 61st by MW Fancy Domino 21st, and he topped the sale at $5,500.

Reserve Champion Bull at Red Bluff
Bred, shown and sold by Schumann Bros., Wells, Nev. Sired by Western Prince 21st, Winterton-bred bull. Established second top in sale.

"Dependable, Winning Winterton Herefords"

Champion Bull at Cedar City
Winterton bred, shown and sold. Western Hope by Baca R Domino 23rd, and he topped this Utah sale last month.

Reserve Champion Bull at Cedar City
Bred, shown and sold by J. E. Reese & Sons, Morgan, Utah. By a Winterton bred bull and out of a Winterton-bred cow. Established second top in sale.

Top Cattlemen Buy Winterton's
At Red Bluff the 15 Winterton bulls averaged $1,344. This included the champion at $5,500. Chas. Stevens, Red Bluff, bought our pen of 3 at $1,600 each, took our pen of 5 at $1,500 each. Bridge Investment Co., San Francisco, paid $1,300 each for another pen of 5 pens, and Loren Bamert, Ione, Calif., president of the American National Cattlemen's Assn., bought a single at $1,400.

C. B. Hawley of Hawley Hereford Ranch, Richfield, Utah, bought our Cedar City champion. Hatch Bros., Woods Cross; Art Spillisbury, Cedar City, and Walt A. Peterson, Gunnison, were other Utah buyers of Winterton's in that sale.


WINTERTON BROS.
KAMAS & ROOSEVELT, UTAH
Again buyers acclaimed Jensen bulls at Red Bluff  
PAID $2,397 AVERAGE FOR 8 HEAD


Right picture: Mr. and Mrs. Bruce Kelham, left, of Bear Valley Ranch, Oleana, Calif., during loading of reserve champion pen of 5 bulls which they bought at $2,150 each.

Our thanks to these buyers, to the competing bidders and to Garrett W. Beckley, Linden, Calif., who took our 8th son of WHR Victory Princeps.

JENSEN BROS. HEREFORDS  
LOGAN, UTAH  
MARRINER JENSEN at MONTPELIER, IDAHO
FOURNESS, a comparatively new name in Registered Herefords. But the breeding is not new. WHR lines in the cow herd, with the foundation obtained from T. H. Richards of Sacramento Herefords. And NOW a new bull, bought in the recent Denver sale. Here he is, our . . .

JUNIOR SIRE

BHR HELMSMAN A. 101ST 6082883

WHR Helmsman 87th
4539095

WHR Proud Prinseps 9th 3207085
WHR Puritan Girl 4th 3637810

Miss Rothperfect 38th
3065043

O. Perfect Domino 5th 2484315
Rothschild P. 131st 2556948

BHR Helmsman A 101st will assist our . . .

SENIOR SIRE

TT ARISTOCRAT 5TH
Bred by Thornton Hereford Ranch, Gunnison, Colo.

TT Triumphant
4754228

WHR Triumph Domino 45th 2591121
Faithholm Lass 58th 2193832

Thornton Lady 18th
2873524

Real Prince 36th 2873524
Lady Ultra Domino 2440808

WHR Royal Domino 51st 2185830
Brands Domineta 119th 1992994

12th 1989694
Domino 56d 1596124
Bonnie 1655628

Real Prince Domino 24th 2873524
Daisy Domino 1st 1718146

Prince Domino Ultra 2210000
Lady Aster Domino 2144547
After it is burned off you can see these great gullies.
So brush control goes hand in hand with range improvement to the advantage of grass and to the disadvantage of brush.

Fire Problem. Now we come to some other points. We do not know very much about fire. Fire is an unsolved problem. Federal agents are so fearful of fire that they have what I call a fire phobia, and if ever you see them excited it is when there is a real fire underway. It is surprising how many cattlemen we have in this state who know a lot about fire, because they have been involved with it for 30 or 40 years.

We are getting along surprisingly well with the state foresters and with the federal foresters in carrying out brush burning. Fire is a very dangerous tool. Anyone who has ever been in a big forest fire will always have profound respect for wild and uncontrollable fire.

It is important to know when to set fire, which way and how fast the wind is blowing; and the humidity is important. An idea is necessary as to where the fire is going to stop, and preparedness is made so it will stop there. We want to realize we can’t stop fire, we can do so.

Dangers. In this state upwards of 5% of the fires are caused by lightning. Most of the man-made wild fires start in the brush and may end in the crowns of trees, and millions of dollars in damage is caused thereby.

When we started on this idea it was figuring for losses. It is true that some have burned beyond intended boundaries, but we are more familiar with how to con-
There are Two Sides to Multiple Steer Triumphs

For consistent repeats, steers should be champions at the feed box in their own right and stem from a uniform blood bank of victorious registered sires and dams. That's the success combination you get with T0 registered bulls.

Already in 1951, T0-bred registered and commercial Herefords have added to their long list of top-level Royal Purples.

At the National Western Stock Show — Denver, Jan. 15

This carlot entry of T0s, by our customer, Karl and Jack Hoffman, was grand champion fat for the sixth straight time in this show of shows. Our own summer yearling steer was 1st prize open medium heavy-weight.

TO Ranch Co., Ratón, New Mexico

TO congratulates Bar 13, our respected bull customer, on the sensational prices received for their champion calves at Chicago and Denver — 91c and 80 1/4c.

All these winners are by TO registered bulls consistently supreme in basic beef standards.
about overgrazing, and how to stop them in dangerous places; for instance, where the humidity is higher in those circumstances. But there is still a lot more knowledge required on how to handle fire.

Brush to Grass. Dr. Biswell has found the first year following a fire that thousands of seedlings start per acre, but there is also grass growing, and some are kept off of that area, and a burn over again, the dry grass will carry the fire and all the seedlings will be killed. In this way you can change brush land into grass land by the third year. We actually had to see to believe it. We believe we can change hundreds of thousands of acres of brush lands to grass lands.

We have no more livestock on California ranges today than we had in the early years. With the vaccination of livestock up and down there has been very little change. We have feedlots that take over 600,000 or 700,000 steers from outside the state, but actually the range animals in our mountain areas are very much more numerous than we had in the old days.

We hear so much about overgrazing, because we have developed a vicious code. The same number of animals grazing less and less acreage because of encroachment of brush. They are grazing on a smaller and smaller area, and that makes it necessary for them to overgraze.

What About Browse? Now, another question that is important: Do we not completely destroy the palatable browse? Here we have ground feeds and some good browse and the ground feed is used in certain parts of the year and the browse is used in other parts of the year.

And here is where we have this argument about the accumulation of wild brush, because the browse furnishes important feed for them as well as the ground feed. The deer brush (ceanothus) is a wonderful feed from May to Aug. 15. As soon as the snows commence to get sticky the animals leave it. This is a wonderful feed.

There is also the bitterbrush, and even the chamise is palatable when it grows up after a fire; but the majority of our browse is not very palatable. It certainly is not conservatively allowed to get this browse to grow up to the fire hazard and spend the amount of money putting a fire guard, when we have lightning that is going to make fires.

Cooperation. The federal authorities in the national forest areas, and the state are not right; but they tend to consider the conservation of the range because they give a certain amount of money each year to put out fires and the policy tended to allow the land to be used. A state law has been passed to allow burning of land under permit with the cooperation of state foresters and also federal foresters.

Are you paying too much for feed?

Cane Feed Molasses can save you money

Successful livestock feeders, who measure cost by results, have found that Cane Feed Molasses is the most economical feedstuff on the market.

It provides a readily available source of carbohydrate, and low-cost minerals and vitamins.

It is the most palatable of all feeds—helps assure efficient utilization of other ingredients.

It is easy to use, at small labor cost, by spraying on low-grade forage, with silage, or straight in troughs or "self-feeders."

WRITE FOR FURTHER INFORMATION TODAY

The Pacific Molasses Company, Limited
215 Market St., San Francisco 5, Calif.

Western Distributing Stations:
Los Angeles Harbor • Stockton • Richmond
Portland • Seattle • Tucson

WEBB HEREFORD RANCH

- Where Sunny Triumph 10th, Sun Domino 38th, Sun Domino 19th and Donnie Domino continue to produce good Herefords.
- Where uniformity and quality of those Herefords continue to appeal to discriminating cattlemen.
- Recent buyers include:

Jack Burr Lindsay
A. J. Hieldbrandt Lotion
Frank Hill Strathmore
A. C. Moore Madera
Everett D. Philip Madera
Tom Phipps Tulare
Craig Thorn Three Rivers

Thanks to these and other cattlemen now using Webb Herefords.

ED. G. WEBB, LINDSAY, CALIF.
cooperation of federal foresters is being obtained.

In the forested areas when snow falls on dense brush it never hits the ground and evaporates, causing water loss; it is better for snow to fall on the ground.

**Full Speed.** At present the chairman of the Land Utilization Committee is B. A. Madson. Our division of agronomy is going full speed ahead to show how to plant better grasses rather than just let the native grasses come up naturally. In some areas we do well with grasses which seed naturally and in other areas we do not do so well.

At the moment there is quite a discussion going on between those men who want annual grasses and those who want perennial grasses. Both are to be tried.

There is a lot we don't know and it has taken us 50 years to get into this unfortunate situation; and it will take 50 more to get a broad understanding of all the problems involved.

**Grasses.** One of the men at this convention was telling me about crested wheatgrass in range improvement. The first year after planting it does nothing and the owner thinks it is worthless. The second and third years it produces a heavy stand. Crested wheat is a remarkable grass if handled right for the colder parts of the country. Our agronomy range seeding group has 12 or 15 different kinds of grasses.

They have plots at Davis from which they are selecting different strains of grass seed and are trying them in different places. This year there are remarkable stands of grass due to a great lot of moisture and good temperature conditions. There was a little erosion.

We expect that and admit that is going to take place under circumstances we had this year, but we must remember that erosion is a normal geological process and is constantly going on. On 10,000 acres burned east of Redding, 4,600 acres were reseeded and there is an 85% stand which will probably stand out and make a 100% stand. The Land Utilization Committee of the college of agriculture is developing range demonstration projects in several parts of the state.

We must make practical use of California range lands. We can produce increased millions of dollars worth of wealth and not interfere with the multiple use of public lands and even make them better.

I close with this conclusion. Four broad questions are involved in range improvement:

1. Removal of worthless brush cover.
2. Reseed with the most desirable ground feed.
3. Manage livestock on the areas to give the plants an opportunity to produce the greatest amount of feed the soil and climate can sustain.
4. Why not consider brush removal as a water conservation measure?
The Roundup model represents ready action. Its 6 H. P. air cooled motor handles a 7 gallon per minute Duplex pump at 400 to 500 pounds pressure without effort. The two 50 ft. hoses furnished with the Roundup are complete with Deluxe Trigger nozzles. They handle large herds with ease from the 150 gallon steel tank mounted on the strong car width frame with 600x16 tires.

The tank is treated and equipped with mechanical agitator and screened intake. The Roundup, like the Spraymaster, is an excellent fire fighter, car washer and covers all spraying needs.

Just as pictured, the Rowland Trailer Spraymaster comes complete. It is ready to go anywhere, over any roads, behind any vehicle. Its 4 H. P. air cooled engine provides surplus power at 400 to 500 pounds regulated pressure. The Duplex Plunger pump, at 4 gallons per minute, combined with the Deluxe Trigger nozzle, provides instantly powerful fog or stream spray. The 150 gallon treated steel tank with mechanical agitator and 10" screened intake is mounted on heavy steel frame with car width axle and 600x16 tires. The 50 ft. 800 lb. pressure hose is conveniently collared on frame front.

A DEATH BLOW TO GRUBS, FLIES, TICKS, LICE
YOU SAVE ON ROWLAND SPRAYERS WE SELL DIRECT
Look what we've built into our UTILITY SPRAYER! 3 gal./min. Duplex Plunger pump, driven by a 1½ h. p. Briggs and Stratton engine. It has a 75 gal. supply tank, from which leads a ¾" high pressure 50 foot hose with adjustable nozzle for fog or straight stream. All mounted on steel skids and priced $250, f.o.b., Plainview, Texas.

You deal with us direct when you purchase a ROWLAND SPRAYER. That cuts your costs. We build dependable livestock sprayers, wheel or skid-mounted. See us for a direct, money-saving sale.

"ROWLAND — THE FASTEST GROWING NAME IN LIVESTOCK AND FIELD SPRAYERS"
"AMONG THE BEST --- wherever they go"

CHAMPION PEN OF THREE AT RED BLUFF—
AMERICA'S LARGEST, MOST IMPORTANT
PEN BULL SALE.

6 Champions in 7 sales since Sept. 1
on DOUBLE M HEREFORDS!

INCLUDING THESE 3 IN FEBRUARY

RED BLUFF
Champion pen of three bulls. Sold at
$2,300 each to Donald Niekelsen,
Fossil, Oregon. The 13 Double M bulls
averaged $1,870.

ONTARIO
Champion and top selling bull. Bought at $2,400 by John Dodson,
Kuna, Idaho. Our 7 bulls averaged $1,421.

LAGRANDE
Champion and top selling bull. Purchased by Leroy Gienger & Sons,
Yakima, Oregon, at $2,600, on average of $1,870 on Double M's here.

DOUBLE M HEREFORDS

IRVIN MANN
IRVIN MANN, JR.

ADAMS, OREGON
BILL McDONALD, Herdsman

PAT HOPPER
BOB HOPPER
GRADE: ONE Minus

PLACING: RESERVE CHAMPION

PRICE: $4,000.00

ORIGIN: CLOVER VALLEY Hereford Ranch, Wells, Nev.

DESTINATION: MORRILL Hereford Ranch, Langlois, Ore.

That's the Red Bluff story of...

CVHA ADV. DOM. PR. 1st 5642749

WESTERN PRINCE 21st
4839492

ADV. DOM. PRINCESS 4th
4338765

Boca R. Domino 23d
3976352
Reba
2855311

Sear's Adv. Domino 2d
3474015
Pete's Princess 3d
3777481

OJR Royal Domino 10th,
Lady Domino C. 218th
3694823

Dominio Stanway 27th
2321467
Belle Panama 2354185

Advance Domino 3d
2837727
Roxie Domino 3d
2962399

Domino Pete 2290277
Boca's Princess 4th
3181048

CLOVER VALLEY HEREFORD RANCH

We are proud of producing the Red Bluff Reserve Champion this season. And appreciative of his purchase by Morrill Hereford Ranch. He has a right to make good as sire and we believe that he will. Thanks also to Jenkins Land & Livestock Co., Riverside, Calif.; Bryce Euer, Folsom, Calif.; Pat Noble, Red Bluff, E. F. Bamert, Ione, Calif. All these buyers paid us $13,425 for 10 bulls at Red Bluff, and this should tell you a lot about the quality and uniformity of Clover Valley Herefords.

MORRILL
HEREFORD RANCH

H. E. MORRILL
Langlois, Oregon

The Red Bluff RESERVE CHAMPION goes to work now in our strong herd. It's founded on Reese Brown, Herbert Chandler and Bar 13 Ranch breeding. Excellent females and good blood to use with our extremely lowset and deep Red Bluff purchase. His blood should blend well, too, considering that OJR Royal Domino 10th cross in his sire and the Denver champion, Advance Domino 3d, as the grandsire of his dam. Come and see Morrill Herefords, and we'll gladly show you this new herd header.
to further improve our Polled Herefords, we bought

**LESKAN TONE** at the Sanborn Dispersion

We bought the herd bull that was mainly responsible for the record prices received at the Sanborn Polled Hereford dis­pen­sion at the sale's extreme top of $14,250. He is now in service at Rolling Ridge.

We also purchased what we con­sidered the best son of PRESIDENT MISCHIEF 9, and we also got the dam of this calf, one of the very best cows in the Sanborn herd. We paid $10,000 to get this calf . . . in order to produce better Polled Herefords for our customers.

**VISITORS ALWAYS WELCOME AT THE RANCH**
Why pastures respond when plant food is used

Each ton of average good pasture or hay you grow takes its quota of plant foods from your soil. Agronomists figure a ton of hay uses up approximately 40 lbs. of nitrogen, 15 lbs. of phosphoric acid, 45 lbs. of potash, 22 lbs. of sulphur, 20 lbs. of magnesium, and small amounts of many other elements. Manure returns some of these elements, but commercial plant foods are essential to the maintenance of good pasture.

Good pasture means good livestock

In beef production the size of your profit depends largely on the quality of your grass. Pasture provides the most economical source of proteins, carbohydrates, minerals and vitamins. Countless experiments reveal that the intelligent use of commercial plant foods on pasture improves the feeding value of your grass, extends grazing time and increases carrying capacity.

Exclusive process

An exclusive Swift manufacturing process achieves this miracle of uniformity. First, all ingredients are completely mixed mechanically—then, completely processed chemically. The result is that Red Steer Pasture Special is more uniform in four important ways: 1) uniform blending, mixing, curing; 2) uniform freedom from caking, lumping, bridging; 3) uniform distribution through your machines; 4) uniform feeding of your pastures.

For greater pasture yields this year, use Red Steer Pasture Special... the plant food made by Swift's NEW process. See your Authorized Swift Agent or dealer today, and order all you need early!
Our dispersion added proof
that the POLLED HEREFORD industry
is great and growing...

The record shows that 50 buyers from California, Oregon, Idaho, Nevada and New Zealand paid $214,675 for 163 lots of Sanborn Polled Herefords. The average: $1,317, highest ever in the Pacific Coast states on an individual breeder sale of ANY BREED.

Thanks to those buyers and to the hundreds of other cattlemen who attended and wished us well in this dispersion. Thanks also to the many breeders and rangemen, all over the country, and in Hawaii, who, in past years have bought and used Sanborn Polled Herefords.

Your purchases and your interest are much appreciated. You followed us through selection of foundation stock, building our breeding herd, right on up to the dispersion. We'll never forget. And who knows, maybe someday we'll be back in the ranks of Polled Hereford breeders. It's a great and growing business.

HOMER L. SANBORN
Meridian, California
Another repeat customer,

A. O. "Art" GRISWOLD
of Springville, Calif.

Chairman of the Tulare County Range Improvement organization and active in the Cattlemen's Association, Says:

"ACEHI BULLS do better than any others I've had on my mountain range. Since first using ACEHI BULLS the weaning weight of my calves has been increased a great deal. The calves are bigger and heavier boned. The heifers develop into cows that are good milkers."

Mr. Griswold summers his cattle high in the Sierra Mountains, up near the boundary of Sequoia National Park . . . rough going for bulls, but ACEHI'S are rugged.
with pure bred Brahman

Your American beef-type Brahman bull will add pounds to its crossbred calves and dollars to your bankroll! Streamline production! Use Brahman’s for your commercial cattle.

Whitten Ranch Polled Herefords are money-makers. They breed horns off and on, giving greatest weight in shortest time at lowest cost and most profit. Herd and range bulls from weanlings to service age. Prices right. Ranch at Escondido, but for free bulletin address owner.

R. H. WHITTEN
1027 Wilshire Blvd.
Los Angeles 17

FEED WAGON—This new type tractor-drawn Teco feed wagon is in use at the Coachella Valley Feed Yard, Thermal, Calif. Feed is dropped into the wagon from hydraulically controlled gates in the huge storage bins, then propelled into trough by an auger in the wagon. One man is said to be able to feed 5,000 cattle each day.

someday they will have equal rights with other races in this country.

I was extremely sorry when we lost our great cowboy poet, Bruce Kiskaden. I have his autographed book of poems and a letter he wrote when I sent for the book. He always expressed things in his poems just as we feel them when we go through those experiences.

We should have an early spring here with plenty of good early feed, as the snow came right on top of the mud with no frost in the ground. Most ranchers in this country had a fine hay crop last year and cattle are wintering well with almost no losses from any causes. The quality of the cattle in this locality is much better than 10 years ago because we are all using better bulls, and that sure shows up in the herds.—D. C. Pink, Fruitvale, Idaho.

Praise for Pioneers—

I HAVE never thought of giving up the Livestock Journal, and have delayed renewing my subscription only because I have been extremely busy. WLJ is as good as the best. I enjoy Frank King’s writing very much, as he belongs to that same great class of people my father belonged to—Western empire builders, as Frank says.

My father homesteaded this place in 1888 and lived on and worked it until April 30 of last year, when he passed on. No finer people ever lived than the pioneers and it’s a shame their great work is not appreciated more today. It’s taken for granted things always were the way they are now.

The winter has been very mild in central Washington and we have more than average moisture. With green grass getting a good start, we are looking forward to a good year.—George Beckrich, Farmer.

Mild Winter, Good Market—

THE weather here is very different this winter than it has been the last two. A year ago this day it was 22 below zero and now—40 above. It has never been very cold this winter, and November was one of the most unsettled months we had so far.

The mild winter has kept the cattle market strong. Good yearling steers are selling at 31 cents to 36 cents per lb. Stocker cows are bringing from $250 to $280. The fat cattle are moving much as yet, but the wide trend is in good demand.—R. L. S., Uniontown, Wash.

Countless Happy Hours—

PLEASE do not renew the subscription, as my husband died Jan. 5. Your magazine brought him much pleasure—he was ill for two months but worked and rode horses all the time. blindness came a few months before death. Even though he could not longer read or see the pictures he treasured and insisted on saving copies of the magazine. He even often loan a copy but was always happy to get it back. I wish to give you my most sincere thanks for countless happy hours given my husband by the Western Livestock Journal.

Gerald A. Jones, Roseville, Calif.
In use at the Cal Poly Farm, the wagon keeps into trouble in the cattle each day.

The book was very mild to me and we have the moisture. Webb's good stories, forward, to the paper, Farmer.

Market—

Here is very near, to be an even, year ago people and never been very horticulturist was the month we keep the cattle yearling and to 36 cents, born bringing cattle away but the whole.

—R. L. Biss

ACACIA V. . . CHARITY STEER


Acacia V, purebred Hereford steer donated by Mr. and Mrs. William Bidder of the Silver Spur Ranch, Encampment, Wyo., will be auctioned at the Grand National Livestock Exposition in San Francisco, Nov. 2, for the benefit of the Children's Hospital of the East Bay. As were his four predecessors, Acacia V is being fed out by Harvey McDougal, McDougal Livestock Co., Collinsville, Calif.

Previous Acacia buyers: Claremont Hotel, Berkeley; Bing Crosby; Joe Bacciocco, California Meat Co.; Fairmont Hotel, San Francisco.

LIVESTOCK JOURNAL

March 18, 1951
Low Cost — High Value PHOSPHORUS
Plus twenty-six trace minerals
KELL-PHOS
H. V. Nootbaar & Co.
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Registered HEREFORDS FOR SALE
50 YEARLING HEIFERS
The kind of cattle you need in your herd
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COUPLERS and FITTINGS DESIGNED FOR GREATEST EFFICIENCY... ECONOMY!

For expert Irrigation Engineering and Installation
send coupon for name of nearest Shur-Rane Dealer.

SHUR-RANE IRIGATION SYSTEMS
A PRODUCT OF
FOOD MACHINERY AND CHEMICAL CORPORATION
P. O. BOX 146, SAN JOSE, CALIFORNIA

CHAMP, HIGH-SELLER — Donald was champion and high-selling bull at the recent Oregon Assn. range sale at Corvallis. He was exhibited by Double M Ranch, Adams, left to right were Dodson, Inland Valley, and Mann, and Mrs. Dodson. From the last few years, he is owned by Donald and Mrs. E. E. Mann.
New President—Henry O. Partin, Klamath Falls, Ore., above, was elected president of the American Brahman Breeders Assn. at the group’s annual meeting recently at Houston, Texas. Partin has pioneered in Brahman breeding in Florida, beginning his operations in 1915, when Florida had virtually no cattle industry.

Where summer temperatures are lower, thus delaying the maturity date. In some of the southern San Joaquin Valley counties, corn is double cropped on grain land. These plantings are usually harvested for ensilage.

Trials thus far have indicated that early maturing varieties are inferior in yielding ability to midseason varieties in the inland valleys. The corn variety selected should have the maturity date which will use as much of the growing season as possible.

Rain Hazard. Corn maturing late in the season runs into a rain hazard, which can be avoided by planting early. At Davis it has been shown that smut is much more prevalent in later plantings than in early. The results from Antelope Valley in 1949 show an average difference of about 40 lb. per acre between the May and June plantings.

On the other hand, corn ripening in September may dry out so rapidly that considerable loss may be encountered by the shelling by mechanical pickers. At the present time, however, while early in the spring as possible, after danger from frost is past, is best.

Grass adds a few other pertinent facts. Corn is easier to get up after grass. It can be planted 2½ to 4 inches deep so it is easy to get into the soil to cultivate.

Single Cropping. “For single cropping in the Sacramento Valley early is a good time to plant. With more and normal moisture, corn can be cut with a scythe and harrowed out before it needs only four irrigations, especially if the ground is hard. The most crucial time

LONG MEADOW RANCH

Sturdy, uniform Long Meadow products. Turned out by our exclusive MW Prince Domino A 131-Larry Domino 141st cross.

Mrs. H. T. Wilson, Richard F. Wilson, Owners
Prescott, Arizona

POLLED HEREFORDS

500 to 600 per year for sale
225 yearling heifers this year.

Roberts Loan & Cattle Co.
Bux 1978
Roundup, Montana

POLLED “A Few of the Rest”

Herefords

Breding Stock for sale at all times.

John E. Rice
Sheridan, Wyoming

CATTLE BLANKETS

Made from quality materials, expertly tailored, all sizes. Prompt service. Write for circular and prices.

TATTOO MARKER

Complete with set of figures 1 to 10, bottle of ink, full instructions, all post paid.

$4.75

NECK CHAINS

1. Case hardened chain.
2. Solid bronze numbers.
3. Key ring fasteners.
4. Priced reasonable.

FREE CATALOG

Illustrating neck chains, ear tags, marking devices, syringes, veterinary instruments, brushes, combs, clippers, horn and hoof tools, remedies and hundreds of items for the stock raiser.

Write for it.

BREEDERS SUPPLY CO. COUNCIL BLUFFS IOWA

HB

CATTLE RANCH, Inc.
Porterville, Calif., Rte. 4

HEREFORDS

Registered and Commercial

Roy B. Boone, Pres. Hazel Boone, Sec.
corn is shooting to tassel. Corn grows with extreme rapidity at this time and requires a lot of water."

Garst explains that it is possible to run into trouble using a corn picker in California outside of the moist areas of the deltas. The mechanical corn picker pulls the stalks between rollers which squeeze off the ear, and if the stalk gets too dry, it may break off and clog the picker.

In the Midwest corn is generally picked at 18 to 25% moisture, then crib bed for drying. However, modern pickers will work down to 15% moisture. Fifteen is the standard for No. 2 corn and fourteen for No. 1.

Safer Start. "On large plantings it is probably safer to start at 20% moisture and shell and dry in order to finish before the corn gets too dry," Garst says. "Corn shells readily at 20% moisture. Several makes of small shellers work with a tractor power take-off, so it is easy to pick and shell in a continuous operation in the field. With a two row mounted picker, three trailers and a small sheller, three men can pick and shell at the rate of one ton per man per hour."

Garst is backing his opinion that corn growing in California will boom because it can be grown successfully for ensilage and grain feed for livestock on a large scale, with the construction of a huge dryer, storage house, silos, and the setting up of feeding corrals for cattle.

Last season Garst grew Pioneer 302 Female. The field was given plenty of moisture until after it had tasseled and yielded as high as 150 bushels per acre of No. 1 corn. It can be said that good features were found for nearly all varieties. Those that have the best records for yield and Fusarium resistance, according to the University, are DeKalb 666, 1002, 1022, Northrup King KR2, KY4, Pioneer 302 and 505 and Vinton 34.
THANKS TO THE BUYERS IN OUR 5th ANNUAL SALE

Breeders and purebred breeders, alike, put their stamp of approval on our offering of herd bull prospects and range bulls. We thank these buyers of SACRAMENTO bred bulls.

New breeders, new buyers and repeat buyers filled the sales list of SACRAMENTO bred females and we want to express our appreciation to these buyers for their approval of our bloodlines both in the females and the service sires.

TOP IN OUR SALE—THR PRINCEPS 3rd—a son of our chief herd sire RS ROYAL PRINCEPS 2d. His new home is at the HOY HEREFORD RANCH at Weed, California. Thanks to Bert Hoy on his purchase.

WATCH FOR OUR CONSIGNMENTS TO FALL SALES AND OUR 1952 SALE DATE

SACRAMENTO HEREFORD RANCH

BERCUT-RICHARDS PACKING CO.
BILLIE NORMILE

GEORGE POULOS

Thanks To—

ARTHUR F. BARTON
VALLEY SPRINGS, CALIF.

Who paid me $1,650 in the Sacramento Herefords sale for the young—

HK ROCKY DOMINO 9th
Billie Normile

Son of HW Larry Onwood 6th, grandson of Larry Domino 50th. Breeders Champions have liked his type. Champion at Grass Valley, 3rd at Fair, 4th at Portland. Good luck with him Mr. Barton. He has every right to breed well.

P. O. Box 2470
Sacramento, Calif.

Thanks To—

CIRCLE K RANCH
ELK GROVE, CALIF.

PHR SUPER DON 1st

Son of PHR Super Donald 10th by NHR Super Domino 9th. He was champion of the 1950 California State Fair; 4th at Cow Palace and many other important awards, including 4 county fair championships in two years of showing. Best of luck to Circle K.

George Poulos
P. O. Box 2470
Sacramento, Calif.
Let's Go! Join WLJ's

California Beef Cattle Tour

Large 1950 tour crowd saw this display of cows and calves in the foothills at Vanderhoof Polled Hereford ranch, Woodlake. Vanderhoofs will greet 1951 tour April 16.

Beef Production – See How It’s Done With Famous Herds, Big Commercial Operations and Top Sires on Sixty Leading Ranches

The T. H. Richards family, below, with Virginia Gibson, right, hosted tour party at their Sacramento Hereford Ranch last year. They will repeat the luncheon April 16.

For the time of your life, you want to take in the 1951 California Beef Cattle Tour! It’s a big event each year for folks interested in the cattle business. You visit 60 of the state’s leading cattle ranches, you see many of the famous herds in America, you see how it’s done on the great commercial beef ranches. And while you’re there, you’ll see a lot of new and valuable ideas, you’ll meet the finest people in the meat industry.

The tour is sponsored each year by the Western Livestock Journal as part of its service to its subscribers and livestock industry.

The 1951 tour starts April 9 in Los Angeles, travels north along the San Joaquin Valley to Bakersfield. Twelve days in all, during which time you’ll see and learn more about how beef cattle are raised than you could any other way.

Features of Tour. You’ll have opportunity to visit with hundreds of cattle men and breeders; you’ll hear discussions by beef producers and extension men on everything that has to do with cattle—breeding, feeding, pastures, conservation, marketing.

Western Livestock Journal staff and visitors will be assisted by University of California extension men, as well as breeders, cattlemen, pasture specialists, disease and parasite control experts, feed men and others. There will be demonstrations and discussions on mechanized equipment.

And, of course, there will be entertainment and hospitality extended along the line. It’s a 12-day party in which everybody in the cattle business is invited to participate.

One thing certain. You’ll see California range and pasture land in full glory, for it has been a good year since the state has been blessed by such general rains and favorable weather conditions.
**California Beef Cattle Tour Itinerary**

**PLAN** to take part in the entire 12-day Tour. You’ll get a cross section of the entire California Beef Cattle business you could get in no other way. The Tour will be conducted on a strict time schedule, and participants may join the Tour at any point at the time indicated on this Itinerary.

The start will be made promptly at 8 a.m., Monday, April 9, at the Mayflower Hotel, Los Angeles. Each morning, the Tour will start promptly at the time indicated. California Highway Patrol officers will provide escort throughout the Tour.

**MONDAY, April 9**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location/Activity</th>
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</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td>Leave Mayflower Hotel, Los Angeles</td>
</tr>
<tr>
<td>8:15 AM</td>
<td>Pier at School of Agriculture, Campano Park</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Rancher Sheron Vista, California (Hereford, Quarter)</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>Lunch as guests of R. E. Danielson, Jr., owner</td>
</tr>
<tr>
<td>1:45 PM</td>
<td>Rancho Santa Fe, Baja (Quarter Horses, Charolais and others)</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>Fortuna Ranch, Santa Barbara (Aberdeen-Angus)</td>
</tr>
<tr>
<td>7:00 PM</td>
<td>Dinner at Paltis Ranch, Galeta (Hereford)</td>
</tr>
</tbody>
</table>

**TUESDAY, April 10**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location/Activity</th>
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</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td>Leave Carpette Hotel, Santa Barbara</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>Wee Ranch, Santa Barbara (Hereford)</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Dry Creek Ranch, Selma (Aberdeen-Angus)</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>Lunch as guests of Mr. and Mrs. Dr. H. H. Young, Santa Ynez (Herefords, Berkshire, Yorkshire)</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>Lunch at Sunset Inn, Selway</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>Red Chamblin (Pulled Herefords, commercial cattle)</td>
</tr>
<tr>
<td>7:00 PM</td>
<td>Dinner at Diamond Ranch, San Luis Obispo (Registered Herefords)</td>
</tr>
</tbody>
</table>

**WEDNESDAY, April 11**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location/Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 AM</td>
<td>Leave Paso Robles Inn</td>
</tr>
<tr>
<td>10:15 AM</td>
<td>Visit to D. A. Alexander, Baja (Commercial Herefords)</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>Lunch as guests of George Moe, owner of Moe Ranch</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>Pacienas Ranch, Paaloca (Commercial Herefords)</td>
</tr>
<tr>
<td>4:30 PM</td>
<td>Ramo Quin R בחו (Shorthorns)</td>
</tr>
<tr>
<td>6:00 PM</td>
<td>Leave Santa Lucia Inn, Salinas</td>
</tr>
</tbody>
</table>

**THURSDAY, April 12**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location/Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:45 AM</td>
<td>Leave Santa Lucia Inn</td>
</tr>
<tr>
<td>9:45 AM</td>
<td>Walter S. Barkham, Salinas (Herefords)</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Limpo Ranch, Watsonville (Aberdeen-Angus)</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>Lunch at Clovis Hotel, Selway (Herefords, Yorkshire)</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>Leave Hotel, Fresno</td>
</tr>
<tr>
<td>5:45 PM</td>
<td>Los Angeles Ranch, Kern (Aberdeen-Angus)</td>
</tr>
<tr>
<td>8:00 PM</td>
<td>Dinner at Dinner Inn, Ontario</td>
</tr>
</tbody>
</table>

**FRIDAY, April 13**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location/Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:45 AM</td>
<td>Leave Clove Hotel</td>
</tr>
<tr>
<td>9:45 AM</td>
<td>Oak Knoll Ranch, Baja (Shorthorns)</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Lunch at Milk Farm, Dinne</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Joslin Snyder, Davis (Potled Herefords)</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>Leave Hereford Ranch, Lonoak (Commercial Herefords)</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>Dinner at Dinner Inn, Santa Barbara</td>
</tr>
<tr>
<td>7:00 PM</td>
<td>Leave Santa Monica (Commercial Herefords)</td>
</tr>
</tbody>
</table>

**SATURDAY, April 14**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location/Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:45 AM</td>
<td>Leave Woolard Hotel</td>
</tr>
<tr>
<td>9:45 AM</td>
<td>A. T. Spencer, Winter (registered sheep)</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Southern Land &amp; Cattle Co., Williams (Commercial Herefords)</td>
</tr>
<tr>
<td>1:15 PM</td>
<td>Lunch at Williams Hotel, Williams</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>Tes and Thomas Ford, Orland (Herefords)</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>Oak Park Ranch, Corning (registered and commercial Aberdeen-Angus)</td>
</tr>
</tbody>
</table>

**SUNDAY, April 15**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location/Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:45 AM</td>
<td>Leave Cantrell Hotel</td>
</tr>
<tr>
<td>9:45 AM</td>
<td>Queen's Red Stuff (Commercial Herefords)</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Dinner at Dinner Inn, San Francisco</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Leave hereford Ranch, Millville (Lunch as guests of W. Alig}</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>Leave Beulah Ranch, Parkside (Herefords)</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>Dinner at Dinner Inn, San Francisco</td>
</tr>
</tbody>
</table>

**MONDAY, April 16**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location/Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 AM</td>
<td>Leave Oaks Hotel</td>
</tr>
<tr>
<td>10:20 AM</td>
<td>Adams Hereford Ranch, Chico</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Sunrise Farm, Lincoln (Herefords)</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>Sacramento Hereford Ranch, Sacramento</td>
</tr>
<tr>
<td>1:30 PM</td>
<td>Lunch as guests of T. E. Richards and T. E. Richards, Jr.</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>Leave Sacramento Hereford Ranch, North Sacramento</td>
</tr>
<tr>
<td>4:00 PM</td>
<td>Leave at Crook Hotel, Sacramento</td>
</tr>
</tbody>
</table>

**TUESDAY, April 17**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location/Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td>Leave Capitola Inn</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>J. F. Cattinale, Elk Grove (Aberdeen-Angus)</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>W. G. Grims, Farmington (Herefords)</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>Leave at Dinner Inn, Oakdale (Herefords)</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>Leave at Dinner Inn, Oakdale (Herefords)</td>
</tr>
<tr>
<td>4:30 PM</td>
<td>Leave at Dinner Inn, Oakdale (Herefords)</td>
</tr>
<tr>
<td>6:00 PM</td>
<td>Leave at Dinner Inn, Oakdale (Herefords)</td>
</tr>
<tr>
<td>8:00 PM</td>
<td>Leave at Dinner Inn, Oakdale (Herefords)</td>
</tr>
</tbody>
</table>

**WEDNESDAY, April 18**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location/Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td>Leave Taylor Ranch, Madera (Shorthorns, Headquarters of Taylor Ranch is Venture)</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>Leave on Bus, Los Angeles (Polled Herefords)</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Leave at Dinner Inn, Oakdale (Herefords)</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>Leave at Dinner Inn, Oakdale (Commercial Shorthorns)</td>
</tr>
<tr>
<td>3:00 PM</td>
<td>Leave at Dinner Inn, Oakdale (Commercial Shorthorns)</td>
</tr>
<tr>
<td>5:00 PM</td>
<td>Leave at Dinner Inn, Oakdale (Commercial Shorthorns)</td>
</tr>
<tr>
<td>7:00 PM</td>
<td>Leave at Dinner Inn, Oakdale (Commercial Shorthorns)</td>
</tr>
</tbody>
</table>

**THURSDAY, April 19**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location/Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM</td>
<td>Leave Fresno Hotel</td>
</tr>
<tr>
<td>10:00 AM</td>
<td>Hacienda de Las Rosas, Selma (Aberdeen-Angus)</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>Leave at Dinner Inn, Oakdale (Polled Herefords)</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>Leave at Dinner Inn, Oakdale (Aberdeen-Angus)</td>
</tr>
<tr>
<td>4:30 PM</td>
<td>Leave at Dinner Inn, Oakdale (Commercial Shorthorns)</td>
</tr>
<tr>
<td>6:00 PM</td>
<td>Leave at Dinner Inn, Oakdale (Aberdeen-Angus)</td>
</tr>
<tr>
<td>8:00 PM</td>
<td>Leave at Dinner Inn, Oakdale (Aberdeen-Angus)</td>
</tr>
</tbody>
</table>

**FRIDAY, April 20**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location/Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 AM</td>
<td>Leave Radnor Hotel</td>
</tr>
<tr>
<td>9:45 AM</td>
<td>Beulah Farms, Inc., Tulare (registered and commercial Herefords, Machinery demonstration by Greer Hardware Company)</td>
</tr>
<tr>
<td>11:30 AM</td>
<td>Leave at Dinner Inn, Oakdale (Aberdeen-Angus)</td>
</tr>
</tbody>
</table>

**RESERVATION COUPON**

Please check the accommodations you desire. We will make your hotel reservations for you. If you wish to ride on the CHARTERED BUS, attach your check at rate of $6 per day for the number of days you wish transportation.

I am planning to join the Beef Cattle Tour at _____ on April ____. There will be ______ persons in my party. Please reserve hotel accommodations on dates checked on this page.

Single room ____________ Double room ____________ Twin Beds ____________

Reserve bus transportation for me starting April _______ for period of _______ days. My check for _______ at rate of $6 per day per person for bus transportation is attached.

Name ____________________________
Address ____________________________

Check and send entire page to WESTERN LIVESTOCK JOURNAL. Additional reprints of page carrying complete Tour Itinerary available on request.
about the various livestock sections, especially for those interested in buying ranches. Many of those who have taken various tours made up their minds the part of the country they want a future home; often, they have seen the various breeds of cattle on different ranches decided on a breed of livestock they like. Because on these tours stops everywhere, extension men, those on the tour, a great deal about costs of production and new ideas in pasture management ideas on the value of various beef animals.

The 12-day tour is a great place for young men who are taking natural courses in the college, for young men are welcome to take or any part of the tour. The tour for Future Farmers and 4-H Club.

Ladies Invited. Are women welcome? Many have asked that question in the past. Of course the ladies are welcome and they are certainly welcome. Stockmen take their wives with them and the women really add a great deal to the tour.

As a matter of fact, each year we have a number of ladies who go on their own. Such fine women as Mrs. Isabella Wineman of Santa Clara, Mrs. Worthen Bradley of San Francisco and Upper Lake; Mrs. Ross Lockhart, Paso Ynez; Mrs. Ross Lockhart, Paso Ynez; and others appreciate the tour.

growing conditions. Through much of the range country, the crop of wild flowers is expected to offer the most colorful sight in a number of years.

Enjoyable, Profitable. It's a trip that anyone interested in the livestock business will enjoy and profit by. Many experienced cattlemen tell WLJ staff men that they have picked up ideas on these tour stops that were worth many times the cost of the trip. An Arizona cattlemen who was planning to do some cattle feeding got one idea at a California feedlot that saved him hundreds of dollars.

It's a wonderful way to learn more

---

**Domino Prince D 2d**

"You'll see him too."

Our select foundation is small, the females for which were purchased from Gordon Guiberson, Davis, Calif., and include WHR, Steed and Turner breeding. They are sired by such bulls as Donald Domino 26th, Donald Domino 11th, WHR Proud Princeps 9th, and Hazford Rupert 81st. Our herd bull Domino Prince D 2d comes from Harry Parker's Diamond Ranch and is sired good headed, thick, deep calves. He is sired by Domino Prince 17th.

Dick Conway, foreman

Dick Williams, herdman

You will see an exhibition of our L Bar D Quarter Horses, including some of the breeding stock and a group of our cutting horses. They'll work calves too, you'll enjoy every minute.

Range and Herd Bulls, Foundation Heifers

For Sale every year

**RANCHO SIERRA VISTA**

Richard E. Danielson Jr., owner

Rt. 1, Box 298

CAMARILLO, CALIF.
You are cordially invited to inspect our enlarged herd of modern . . .

**Polled HEREFORDS**

**Since** the Beef Cattle Tour visit a year ago, we have expanded our herd through the purchase of 20 of the top females — 18 of them proven producers — at the Homer Sanborn dispersion.

We'll take pleasure in showing you sons and daughters of Polled Modest Lamplighter and GS Golden Real 7, our herd sires.

We're proud of the calf crop now on the ground, and we want you to see them. If you favor Hereford cattle, you'll really like these MODERN Herefords that possess every characteristic you want in top quality beef animals, and are naturally hornless.

You too, can breed off the horns and improve the quality of your calf crop.

**FOLEY FARM**

* phone Santa Barbara 2-2293

ORTELL LININGER
Manager

BOB SCHUYLER
Herdsman
To Dos Pueblos
April 9, 5:15 P.M.

You will be visiting one of the most historic beef producing properties in California. Utilized for grazing cattle since 1842. Source of improving registered Hereford seedstock for many years. You'll find Dos Pueblos breeding at Milky Way, Fulschers and in many other nationally named herds. You'll find it in a high percentage of California registered and commercial herds. On Tour Day you'll see the breedy cows, the powerful bulls turning out today's thick, quality Dos Pueblos Herefords.

Phone Santa Barbara 83-852
RAY AULT, Superintendent
LAURENCE COOK
DICE PITTS
HARRY PARKER, Owner

Let's Go! to San Marcos Ranch, Tuesday, April 10, 9 a.m.

We want to show you, then, the big, smooth, heavy for-age Herefords produced by our breeding program. It's a program keyed strongly (through the herd and through Diamond Donald and NHR Super Domino 29th) to the blood in the famous Donald Domino 26th family. Resulted in 4 championships at the last 3 shows and sales. And visitors think the best cattle we've produced are coming on now.

DIAMOND DONALD

NHR SUPER DOMINO 29th

REGISTERED HEREFORDS
SAN MARCOS RANCH

Mr. and Mrs. Dwight Murphy, Owners
DAN CHILDs, Manager
WALTER MONEY, Herdsman
Coming soon, so...

And we'll be looking for you at Dry Creek Ranch, April 10, 10:15 a.m.

You're going to like the 1951 calf crop by Hacienda's Blackcap 30th... thick, deep, lowset youngsters, smooth like he is. True to Aberdeen-Angus characteristics.

DRY CREEK RANCH
Route 1, Box 84  MRS. M. P. AUSTIN, Owner
SOLVANG, CALIF. (Santa Barbara County)
Telephone Santa Ynez 4458

RANCHO SANTA YNEZ REGISTERED SHORTHORNS, REGISTERED YORKSHIRE HOGS

Killiam Furi

As much at home on the rolling pastures of Rancho Santa Ynez as he was heading his class in tough Shorthorn competition at Belfast, Ireland, before we imported him.

We invite you to Rancho Santa Ynez TOUR DAY to weigh the merit of his calves, along with those of his teammate in the herd, Pinehurst Prince. They can't take all the credit; however, for the good heads, heavy bone, smoothness and good doing ability of the calves. Rancho Santa Ynez cows share that credit. We think you'll be surprised at the number of big, roomy, breezy cows in the herd. Come TOUR DAY! Return often. And watch for our products in the season's shows and sales.

Rancho Santa Ynez
MRS. KATHERINE C. DUMONT, Owner  SOLVANG (Santa Barbara County) CALIF.
and a number of others have made all or part of the trip on the chartered bus without benefit of male escorts.

What sort of clothes should you wear? Well, there aren't any "dress up" parties, so you can get by very nicely with the usual Western type of clothing. You may want to dress up a bit when the tour party spends one night in San Francisco—that will be about the only time you would need anything but comfortable, Western clothing.

Use the Coupon. Hotel reservations? Western Livestock Journal will make all of your reservations for you upon request. Just fill out the coupon carried in this issue, showing how many days you'll be on the trip and the type of reservations you'll require.

If you ride on the chartered bus, and that's the way to get the most pleasure and profit out of the trip, it is preferable that we make all of your hotel reservations for you. If you're driving your own car, you might prefer to make your own reservations at a place other than the official headquarter.

But be sure to be on hand at the official headquarters promptly at the time shown on the itinerary. We plan on a very close schedule, and we shall leave the hotel exactly at the stipulated time every morning in order to maintain our schedule.

Tour Costs. Cost of the trip if you ride on the chartered bus, it will be you $6 per day or $72 for the entire trip, for each person. That must be paid in advance. You can state many days you'll be on the trip and the type of reservations you'll require.

Hotel rooms will average about $3 per person per night. Your meals are average $3 or $4 per day.

There isn't any other expense except for incidentals. If past experience is a criterion, one of the items of "incidental" expenses will be for photographs. Many of our tour members like to see pictures. To stimulate this interest, Western Livestock Journal offers prizes for the best photographs.

What You'll See. You'll see many of the most famous herd bulls in America, including $65,000 Baca Duke 2 at the A. H. Karpe ranch at Bakersfield or the $50,000 Proud Possessor at Les Hereford Ranch, Gilroy. The tour includes registered Hereford, Angus and Shorthorn establishments.

We'll see some of the newest herd.
There's a reason why BREEDERS and RANGE CATTLEMEN buy bulls and foundation stock from . . .

DIAMOND RANCH
Home of the "Diamond Donalds"
And "Donald Domino" Herefords

Join the California Beef Cattle Tour
4 p.m., Tuesday, April 10 at Diamond Ranch

Here are the rugged young bulls tour visitors saw on a previous tour . . . now serving in well known western herds.

Our herd sires include:
- NHR Donald Domino 27
- NHR Donald Domino 66
- NHR Nevada Donald 77
- Domino Prince 17
- Domino Prince D.
- Joaquim Murrieta
- Diamond Domino 115

We have had an exceptionally strong demand for both bulls and females, but we want to show you our young stock coming along; and our cow herd which carries strong Donald Domino 26, Donald Domino and Domino Prince influence. Perhaps you, too, will find Diamond Ranch a good place to buy registered Herefords.
Mee Ranch

University Graded Herd of Registered Herefords

Peach Tree Valley
Lonoak, California
These successful operators select for their own herds and the type and quality of females retained in commercial herds. There will be discussions on range management, soil conservation, water development, supplemental feeding, marketing, feedlot finishing, disease and parasite control, dipping and spraying.

Spray Dip Demonstration. One of the features of the entire trip will be an actual demonstration of the practice of spray dipping. This will be at Crowe Hereford Ranch, Millville, Calif. William Abildgaard, president of Livestock Sprayer Mfg. Co. of San Jose, will personally supervise the program, and to make the stop especially attractive, he will be host at a barbecue beef luncheon. Every cattleman is invited! Extension Specialist Rube Albaugh will be on hand to discuss dipping and spraying for fly and parasite control. That will be at noon, Sunday, April 15 at Crowe Hereford Ranch, Millville, Calif.

Some people have gained the impression that the tour is made up entirely of visits to registered beef cattle establishments. True, we will visit many of the leading breeders in California, but we will also visit a number of the most successful commercial cattle ranches, feedlots, and we will also visit three schools—Pierce College at Canoga Park; Fresno State College and Bakersfield High School in Kern County. A special treat will be the showing

**PAICINES RANCH WELCOMES YOU APRIL 11, 1:45 p.m.**

*Some of our cattle near headquarters*

**PAICINES RANCH**

**BOB LAW, Owner**

**PAICINES, CALIF.**

We will truly enjoy showing you our ranch and commercial Herefords. Everything on the place is keyed to quality cattle production . . . from purchase of the initial cow foundation right on through bull selection to development of feeds and ranges.
of a new natural color motion picture on animal disease control at Woodland Hotel, Woodland, Calif., at 7:30 p.m., April 13, by Cutter Laboratories specialists.

Horse Show. There will be a special Quarter Horse show, starting at 3 p.m., Monday, April 16, at the famous Barbara Worth Stables, Sacramento. A number of the leading horsemen of central California will show their horses there, and the program will include cutting horse demonstrations.

At a number of other stops, owners will show their stock horses, mainly Quarter Horses. One of the outstanding demonstrations will be at Rancho Sierra Vista, where Dick Danielson and Bill Lamkin will show their Quarter Horses following a beef barbecue at the ranch at noon, April 9. On the same day, we'll also see Quarter Horses at the Sence Ranch at Somis, Ventura County. WLJ Horse Editor Bill Smale will be at the microphone at each of these stops.

Commissioner Clifford Peterson again this year will provide State Highway Patrol officers to escort the tour through the state, to assure the safety of those driving their own cars.

Staff to Help. Throughout the tour, members of the staff of Western Livestock Journal will be on hand to help make the tour interesting and worthwhile. Members of the staff who will take part in the California tour include Publisher Nelson R. Crow, Editor Forrest Bassford, Field Representative Howard Brown, Beef Specialist Raymond Husted and Horse Editor Bill Smale.

Those who ride on the chartered buses will benefit from use of a public address system in each bus. On the buses there will be discussions on every phase of the livestock business, and questions will be answered by those best qualified.

At each stop, every word will be heard by each guest through the use of a public address system. Questions are invited. Sometimes the questions may seem embarrassing, yet owners and managers of ranches will make every possible effort to give full and complete answers.

Extension Workers. In every county through which the tour passes, University of California farm advisors and livestock specialists always provide extremely valuable assistance. You'll have great admiration for the work of these extension men as you witness the manner in which these farm advisors work with breeders and cattlemen.

What's new in farm equipment will be demonstrated through the courtesy of the Crowe Hardware & Implement Co., the morning of April 20 at Tulare. The Tulare Chamber of Commerce is taking an active part in making this demonstration a complete success and in making tour visitors feel at home in that rich agricultural section.

Reservations for bus travel and hotel reservations should be made as early as possible. It will be helpful if bus reservations are requested not later than April 1, though later requests will be handled to the best of our ability.

Service to Industry. The California Beef Cattle Tour and tours through other sections of the West are promoted by Western Livestock Journal. The first tours were put on late in the twenties, and each year the tours have become of greater importance. Our thanks go to the many cattlemen, feeder operators, breeders, cattlemen, farm advisors, extension men, State Highway Patrol and other individuals and institutions which do so much to make these events worth-while.

No matter how much or how few people you may know about the livestock business, you'll know more after taking one of these tours.

Make your plans now to take in part of the California Beef Cattle Tour. And remember, every member of the family will enjoy the tour enjoyable.

All aboard! Let's go!
and see the
Nyland Herefords
Wed., April 11 at 5 p.m.

"UNIVERSITY GRADED"

ARThUR S.
Nyland REGISTERED HEREFORDS
San Juan Bautista—California

WHR CAVALIER 64

We'll show calves by WHR Cavalier 64 and WHR Helmsman 56, also our recently purchased WHR bulls: WHR Pathway 10 by WHR Royal Duke 77, and WHR Elite Triumph 22 by WHR Elite Helmsman. All bulls are graded and sold on that basis. They're "extra quality" bulls!

Crown views cow herd in 1950 tour

Our own Donald Domino Jr.
13-YEAR-OLD SON OF DONALD DOMINO

CH Domino Prince A 20th
OUTSTANDING CROWE BULL

Joaquin D. Blanchard 17th
BY NHR BLANCHARD DOMINO 11TH
and our recent addition

Joaquin Don Domino 11th
BY DONALD DOMINO 26TH

COME AND SEE THESE SIRES AND THEIR CALVES

The Merrill Ranch
SALINAS RD., BOX 659, CALIFORNIA

MARCH 15, 1951
We are interested in
Efficiency in
Beef Production!

We cordially invite you to visit our TORO RANCH on the Beef Cattle Tour. We'll show you the results of our grading and our herd feedlot testing of bulls for efficiency of gain, a program carried on in cooperation with the University of California Extension Service.

We believe this grading program, now being practiced on a number of registered and commercial cattle ranches, is the most constructive program available to get more pounds of better beef from every acre in California.

With the assistance of specialists from the University Extension Service, we will show you the results of feeding out pens of bulls by our herd sires, Royal Triumph 27, and R. S. Princeps Mixer 5. We will give you actual rates of gain per day for the amount of feed consumed by each individual bull calf.

We believe that such a program gives buyers a yardstick by which to measure the probable value of bulls purchased from us. You don't "buy by eye" alone—you have definite records of efficiency of gain which records show you what you may expect from calves by our bulls.

Our cow herd carries the richest of pedigrees. The poorest milking cows are eliminated after their second calf, leaving only cows that are good milkers that not only produce good calves but take care of them. We believe a Hereford cow should be able to raise a good, husky calf with weight for age, good bone and substance, without the use of nurse cows.

Let's Go!
9:00 a.m.
Thursday
April 12
at our ranch

Walter Markham
SALINAS, CALIFORNIA
THIS IS THE "OUTCROSS" HERD
WE DO NOT INBREED

GIVES YOU BIGGER, HEAVIER BONED, MORE VIGOROUS ABERDEEN-ANGUS . . . MORE CALVES! MORE POUNDS! MORE MONEY!

—to continue this outcross breeding program

we have
added another:
fine bull
to our already
top bull
battery . . .

EILEENMERE
501"
699156

Start an ANGUS HERD with
some or all of the
following:

34 bred cows, 3 to 8 years old, some with calves at side.
38 bred heifers, 2's coming 3's. Will start calving in April.
28 open heifers, 12 to 17 months old. Will breed when old enough.

WAUGAMAN RANCH
WATSONVILLE, CALIFORNIA
Phones: 44369 and 49097
A. L. WAUGAMAN, Owner;
BILL BEATON, Manager

See these cattle on the tour. They are for sale as a production offering, not a weeding out process.

ANGUSTORRA HERD
They Tell Me... by Gerry Hall

Spring is here! It's time to carry out your 1951 feed and forage program to give you full amounts and kinds needed for your livestock.

Time to treat all farm animals to destroy parasites.

Time to order all needed equipment and any needed new equipment.

Time to order any seed still needed for this year's planting.

Time to make sure you are well fed. Your livestock too must be well fed, your soil too must be well fed.

WATER AND HAY... Most important factor in growing a ton of alfalfa is moisture. It takes about 800 tons of the liquid to produce this ton. Nebraska specialists point out that alfalfa seeded on non-irrigated land will remove 75% of the liquid to produce a ton.

This book gives plans for important vitamins and their necessity in relation to the growth processes. Viobin.

Bacterial activity in the stomachs of livestock is often the result of an infestation by parasites (worms).

Question asked by one of our readers: What is the difference between an infected farm animal and an infested one? Answer: Infestation involves bacteria or viruses (germs) while infection is caused by parasites (worms).

ATTENTION, RANCHERS....

Cutter Laboratories, 4th and Parker Sts., Berkeley, Calif., have a new snake kit which they offer to ranchers for $2 each. As the weather warms up, these reptiles will start coming out, and you can't afford to wait until you need a kit. Order several and have them in available spots on your ranch. Send requests to the above address—and say you saw it in Western Livestock Journal.

WOOD-FED SOILS... W. O. Edmondson, forester and horticulturist of the Wyoming Agricultural Extension Service, reveals that "wood was here will soon escape the fire and will go back into the soil. They are not waste, but potential organic materials badly needed by some of the nation's eroded and starved land.

Animal agriculture accounts for about 80% of the jobs in the food industry, which in turn represents 55% of the total employment in this country.

Since 1928, 4-H Club boys and girls have fitted and shown 10 International grand champion fat steers.

They tell me that the three new most convenient pieces of equipment shown above and below are finding favor with many Western ranchers. For name and address of makers, write W.L.J.
R. L. Kirkpatrick is shown at the wheel of his invention, a truck which mixes feed as it transports it to the feed troughs. The feed is delivered from a spout at the side of the truck directly into the troughs. The entire process takes only 20 minutes.

Feed-Mixing Truck—
Californian Rigs Truck with Mixer, Prepares Feed En Route to Troughs

By JOE MUIR
Farm Advisor, Monterey County, California

That necessity is still the mother of invention has been demonstrated by R. L. Kirkpatrick, foreman of the Sterling Feed Yards at Salinas, Calif., who has converted an Army truck into a combination feed-mixer and delivery vehicle.

The standard feed ration used at the yard consists of chopped hay, chopped alfalfa, beet pulp, cottonseed meal and molasses. It was a tedious task to mix the feed with molasses, haul it out and shovel it into the feed troughs. Kirkpatrick thought hard and came up with his invention.

He had a tank made 8 ft. long, 4 ft. high and 4 ft. wide at the top with a U-shaped bottom. He fashioned an auger or scroll 3 ft. 8 in. wide and a side-delivery auger and spout.

Kirkpatrick arranged this on an old Army carrier truck with a power takeoff and extra transmission on a 3-hp engine to drive the side-delivery auger.

Kirkpatrick's tank will hold 150 lb. of mix at a time and will mix the feed in 3 to 5 minutes. All he has to do is run the truck under the hay and chopped hay bins, run in the proper portion of each, dump in the rest of the mix, pour the molasses on top of the dry feeds and turn on the auger. The auger then rotates, mixing the feed while the truck is heading out to the feed yards.

Depending on the amount of feed to put in the troughs, Kirkpatrick regulates the rate of speed of the truck, usually keeping it at about 5 miles per hour. When he starts down the feed trough he turns on the side delivery and out comes the feed. It takes only 20 minutes from the time the first feed goes into the truck until it is in the troughs and the cattle are eating. This saves, Kirkpatrick figures, an average of 32 hours per day or the use of four full-time men.

The auger mixes the feed and moves it to the front of the truck bed, where the side-delivery auger and spout force it into troughs as the truck drives along.

IT'S A LUCKY BET
that we'll see you on the WLJ Beef Tour

LUCKY HEREFORD RANCH
Gilroy, California
Welcomes the tour
Thurs., April 12, 12:30

...another thing, too, we want you to see the LUCKY cow herd and especially the new LUCKY herd bulls.

Look on Pages 6 and 7 for more Lucky Herefords
SHOW A WINNER
Continued From Page 38
is to select a steer of the correct type. Select a calf that has a wide, short head, a short neck, and as much width and depth of body as possible.

A calf also should be wide in the rump and carry down to a wide, deep round. The calf should be relatively short-legged and have a lot of bone because we want ruggedness in order for the calf to feed well and stay on feed. A thin pliable hide is desirable.

The breed does not make as much difference as does the type of the particular calf. The steer should come out of a typy dam and sire if possible because he will probably follow their characteristics. Therefore, look over his parents if you can.

Figure. Costs. The price to be paid for a steer is an important factor. If the price is too high the project will lose money and you cannot stay in business. You will probably put $100 to $125 or so worth of feed into the steer if you start with a 400-lb. calf and carry him to 900 lb. That is a desirable weight on up to 1,050 lb.

Heavier steers usually sell at a lower price per pound at the shows. For example, if you pay $150 for the steer, you have $250 to $275 in the steer not counting show expense, soap, medicine, vaccines, etc. That means a 900-lb. steer will have to sell for 28 cents per lb. for you to break even.

After you have purchased the steer he should be given a shot of antihemorrhagic septecemia serum. This will prevent shipping fever when you haul him home. Use the serum and not the bacterin, because you want protection, not a mild case of shipping fever that the bacterin produces. If the steer has not been vaccinated for blackleg, it is advisable to do so at this stage because a calf can get blackleg up to 18 months of age.

Tips on Care. When you get the calf home, let him rest for several days. Give him some good clean water at all times. If he has been fed grain in a very desirable practice—he was on grain better than a calf that never seen any grain. Start him with a small couple of handfuls—of rolled 1/10 part linseed meal and he will more readily eat the feed. The linseed gives the feed a better flavor. Gradually increase the feed two weeks or so as he cleans up on half hour at each feeding.

Watch the calf for scours. If it goes off feed or scour, cut down on grain and increase the amount of potatoes gradually. If the calf has been dehorned at this time Castrating. The calf should be castrated at this time if that has not been already been done. The method is to cut off the bottom inch of the scrotum, pushing the testicles up as the cut is made. Then pull out testicle about three inches and cut the cord that holds the testicle. Make the cut as close to the scrotum as possible. A small amount of a good commercial disinfectant or Sear 62 applied to the cut to keep away flies to decrease the chance for infection. The steer should be in a pen that is removed from horses, older cattle, or chickens that may bother him.

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in winter so that it remains dry.
Occasionally one calf alone in a pen may not eat well so another calf has not to be placed with him.

Feeding Practices. Salt should be provided in block form for the calf as well as a mineral mixture fed free choice made up of two parts steamed barley, two parts ground limestone meal, one part salt, and one part phosphates. If your ration is deficient in calcium and/or phosphorous, the calf will eat this mineral mix. As feed, the calf will eat this mineral mix.

After the calf starts on the rolled feed, a ration made up of six parts rolled oats, two parts rolled barley, two parts rolled peas, one part beet pulp and one part bran, one part beet pulp and one part bran, one part mixed meal with alfalfa hay and one part mixed meal with alfalfa hay is a good ration. A combination of the cheapest and most satisfactory grains that you raise at home also is good. The barley can be increased to meet the needs of the steer.

Helpful Suggestions. Feeding in the morning and night is most desirable in hot weather, feed early in the morning while it is still cool. Feed at the same time each day. The last two months of the feeding period a light noon feeding will increase the growth.

Work the steer gradually up to about 2 lb. of your grain mix per day per 100 lb. of steer weight, and feed hay at the rate of 1 lb. per 100 lb. of steer. After the curling is completed, the curry comb is used to pull the hair up by running it from the underline to the top of the back. Then a medium size rice root brush, as shown here, is used to fluff the hair.

Feed the hay after the grain so the steer eats as much grain as possible.

If your steer will eat more grain, increase him very gradually and watch if he cleans up in a half hour or less; if he does, cut him back.

If you have good pasture available, he can graze after each grain feeding. If pasture is used, cut the hay allowance down to half.

Show Pointers. The steer should be haltered and taught to lead as soon as possible. A gentle animal will utilize his feed better and he can be shown to more advantage if gentle. He should walk a half mile each day and if his pen is small, you may have to lead him.

The hooves should be kept trimmed to the proper length. A pair of stocks is desirable to do the best job. Place the feet on the stocks so that with the bottom of the hoof up and tie down. Then by wrapping a rope around beam and leg, take a wood chisel and shave off enough hoof till it gets soft and just before it starts to bleed.

If a chute is not available, lead the steer onto a wooden platform and cut off the toes from the top side with a wood chisel. Don't go too deep, but shape them to normal size.

Watch for Illness. The calf has to be watched carefully for any signs of sickness; if he refuses to eat, take his temperature rectally. If it is above 102° he has a fever and is sick. A good veterinarian should be consulted. If he has trouble breathing, he may have pneumonia and penicillin and sulmet should be used.

The steer should be brushed every day so that his hide stays clean and the hair acquires a sheen. About two months before a show the steer should be washed and then washed about every two or three weeks.

To wash a steer, wet him down thoroughly with water, apply two cupfuls of shampoo soap to his back and use...
ROAD MAGNET—Leonard A. Hansen of Vanderhoof Polled Herefords, Woodlake, Calif., points out working features of powerful new road magnet the Vanderhoofs are using on their road and pastures to pick up wire and other metal that might be injurious or fatal to their Polled Herefords. Picture was taken during annual FFA Polled Hereford Field Day held recently at the Vanderhoof ranch.

WELCOMES the WLJ tour to see a great herd of cows and a strong battery of bulls

Thurs., April 12, 3:45 p.m.

A group of our brood cows. They are being mated to our top herd bulls.

Page Lamoreaux

WELCOMES you on the tour. We'll try to make you feel at home. We'll show you our Shorthorns and as an added feature to your visit at OAK KNOLL RANCH, we will show you some Shorthorns owned by our good friend and neighbor... LARRY WEBB, he was the largest buyer at the 1950 International Shorthorn sale in Chicago and you will see the 1950 Reserve Champion Bull "Display Idol" along with some choice females.
PDC Herdman Bill Verduqo shows students the proper method of vaccinating a steer. After the project steer is purchased he should be vaccinated against shipping fever. Precautions also should be taken against blackleg to which the animal is susceptible up to 18 months of age.

To make lather, scrub the whole steer with the lather, then rinse the animal with water and comb all the hair down. If you leave any soap it will make the hair coarse and harm the skin. Rinse the steer with a mild creosote-dip solution—a tablespoonful in a bucket of water—and comb the animal.

Curling. To curl, take a scotch comb and comb all the hair down. Then take a round comb and start on the top of the animal and put a 3-inch or so wave in the hair to the underline. Then go back up next to the first waves and repeat till the whole animal is wavy. When you finish, pull the hair up by running your scotch comb from the underline up to the top of the back and then brush up with a rice root brush.

The steer should be taught to stand with a show stick so that all four legs are straight under the corners of the body and so that his back is up. Let strangers walk up to him in the manner of a judge while you pose him so that he gets used to being judged.

About a week before a show, his head should be clipped back to a point where a rope would go if you put it around his neck as close to his jaw as possible and just behind his ears. Do not clip the back of the ears. The tail should be clipped up from a point about the twist spits up to the tailhead and the tailhead clipped off.

Last Week. About a week before a show, again vaccinate with anti-hemorrhagic serocepta so he does not get shipping fever from being moved. It is well to put a little molasses in the drinking water about a week before a show and continue this.

2:00 p.m. Friday
April 13

GOLD BRICK our herd sire by GOLD MINE

We will be happy to show you our small but very select herd of POLLED HEREFORDS, which included recent additions from the Samborn Dispersion.

E. Justin Snyder
POLLED HEREFORDS
DAVIS, CALIF.

"The Home of the Gold Bricks"
practice at the show. Many animals do not like water with chlorine in it. A great deal of the water obtained at the shows has the chlorine taste, therefore it is necessary to camouflage this taste.

The last feed before you load the steer should be cut in half and the first feed at the show should also be cut in half. Then gradually build up to what the steer was getting. You want your steer full of feed when he is shown so he does not look gaunt.

The steer should be washed and curled the day before the show. On show day rub the hair with a small amount of coat dressing oil and then dampen slightly with water and curl. Brush out the tail as fluffy as possible. The oil should be washed out the same day or the next day because it makes the animal warmer and is not good for the skin. Use only a small amount of oil so the hair does not stick together.

**Showman’s Technique.** The showman should have on neat clean clothes to go in the show ring. The clothes should not be fancy, but neat.

A show halter should be used on the animal to make it look better. The nose strap should be midway between the eyes and muzzle. The show stick should be taken along to make the steer stand properly. A small piece of wire around the end of the stick left protruding helps to move the hind legs.

There are several good rules to observe in the show ring. A good showman should show his animal at all times and do the job quietly. Always keep the animal’s head and back up and all four legs straight under the animal. Grandstand or clown and the showman are very improper.

**Showing the Steer.** When asked to stop, see that the head is squarely placed. Try to stop on the front legs so that the animal’s front legs are not to stop in a hole or you may break his head.

Carry a comb or brush and comb around any marks a judge makes on your animal. Always lead the steer from the left side and keep the lead strap in your right hand about two feet from the steer’s head. The extra strap should be neatly coiled in your hand.

Always walk facing forward with your steer. When stopping, place your show stick first on the ground and then work on the front legs. If the steer is restless, don’t fight him, go him more lead and move him, giving him the illusion of a new position. If you have done a good job with your calf and get up toward the back of your class or if you do not do well the first time, try to do better next year. As you gain experience you will do better. Whether you win a championship or not, you will learn how to do the job at Pima and we take four years to teach you so you can understand that it is a simple task.

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**TEXAS CHAMPION—“Shorty”**

grand champion steer at the recent San Antonio Livestock Exposition, brought $21,000, the highest price ever paid for a steer at Texas auction and the second highest in the U.S. Shown with the animal are B. B. McGlmsey, left, executive vice president of the Pearl Brewery, which bought the animal, and Andrew Tatsch, owner.

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**Welcome to our Ranch.**

We will show the rugged, yet smooth cattle that are finding more acceptance from range men who are using our bulls.

![A group of cows and calves on pasture at the Davis Ranch](image-url)
**QUESTION of the MONTH**

"Assuming that the labor supply will become more critical, what are you going to do to maintain capacity production with less ranch help?"

**ROBERT HARRIS,** Gardenville, Nev.: My suggestions for maintaining capacity production despite the labor shortage are these: put more cattle on pasture, work longer hours, hire more machinery in top shape at the beginning of the season, try for closer organization and timing in harvesting. Make every hour count. Eliminate odd jobs and musts before the rush begins.

**RUSSELL QUIMBY,** Douglas, Ariz.: I anticipate little difference in our labor supply here: operating in a one-man outfit I am able to take care of most of the work myself. However, at branding and shipping time I need extra help, and it is always difficult to hire competent help, especially for such short periods. We have solved the problem very well in this section by helping each other. I have good neighbors and can call on them whenever I need help, and I help them in return. We have done this for several years and find it works out very well. Perhaps this might be worked out other places where it hasn't been tried.

Of course, you have to have good neighbors, but I have found you usually do if you try being one yourself.

**MRS. P. R. HAWKINS,** Newcastle, Calif.: As I see it, there will be no way to maintain capacity production with less ranch help because the man that is trained to do the work will not be here. It is just a case of selling the cows for slaughter, as you can't "have your pie and eat it too."

**LEWIS SLEEMAN,** Lee, Nev.: I find it very difficult to answer your "Question of the Month," as I have just recently purchased this ranch in Nevada and moved from a California ranch. This ranch raises around 1,500 tons of hay, and although we have acquired more machinery since coming here, we are still going to have to have quite a bit of help. It is a question whether we can get any, as the winters here are cold and the transient help does not get in here until about the middle of June.

At present it looks very much as though labor will be scarce. Even though you buy machinery to save labor, it takes some one to run it.

**ERNEST COSGRAVE,** Arcata, Calif.: I believe that if the government will leave our boys on the ranches we can produce any amount of food and fiber needed.

What the planners in Washington do not seem to realize is that farming and stock raising are no longer jobs for strong backs and weak minds, but rather are highly specialized and mechanized businesses at which very few men are good and, hence, hard to replace if drafted. Early in the last war the experts came out with the theory that men

---

**YAMASAY features REXBURG bulls**

You'll see a group of outstanding RANGE BULLS at the Yamsay WLJ TOUR stop, April 14, at 10:30 a.m. Included are rugged, deep-bodied REXBURG bulls bought by Ernie Paddock for Yamsay Land and Cattle Co.—and the same things—uniformity, depth of body, good heads—brought MIKE LEVIS of HENDERSON, COLORADO, out to select 26 heifers from our herd, which now contains 140 straight ANXIETY bred females, many of them sired by Noble Lamplighter, shown at left.

Some outstanding young prospects for Sale now

**REXBURG HEREFORD RANCH**

**DR. H. B. RIGBY**

Rexburg

Idaho
AGAIN WE HAVE ADDED A RED BLUFF CHAMPION TO STRENGTHEN OUR BREEDING HERD

We WELCOME the WLJ Beef Cattle Tour to our Ranch. The breeding herd has grown and the need for an additional bull to help GS GOLDEN DAN 17th was felt, so again we topped in partnership with Jack McKenzie the RED BLUFF BULL SALE with the purchase of the CHAMPION “SENSATION 61st” from Winterton Brothers of Kamas, Utah.

at our ranch Sat. April 14, 1:45 p.m.

Tod & Thelma Ford
REGISTERED HEREFORDS
ORLAND, CALIFORNIA
Farm Equipment—

Branman Asks Conservation Of Machinery for Defense

American farmers have been asked to conserve farm machinery and equipment and repair parts to meet the nation's defense needs by Secretary of Agriculture Charles F. Brannan.

Branman warned that one of the most vital requirements of farmers is an adequate supply of production tools. He said that mechanization has been a "key factor in the development of the most productive capacity of our farms" and that we must make sure that ability to produce is not impaired by lack of equipment.

"The need to consider how we can maintain an adequate supply of farm machinery and equipment is on us now—since food demand for the 1951 crop year is heavy," the secretary said. "And we must look to the future, when food needs may be even higher."

Repair Machinery. Brannan said it is essential that farmers keep machinery and equipment in repair and use it under conditions that will cause the least wear.

The agriculture department suggests that farmers survey their needs and place orders immediately, especially for repair parts. The government is encouraging industry to increase production of repair parts and other items needed by farmers to maintain equipment.

Careful handling and conservation have been made necessary partly by the increased mechanization of farm operations in the past 10 years. An additional factor is that the farm labor supply has decreased by about one million workers since 1941.

Production Increases. In the past decade, farm production has increased sharply, largely with the aid of mechanization. The number of tractors and other pieces of equipment, such as harvesting machines, combines and corn pickers, have increased even more. Although farmers are better equipped than ever, they are also more dependent on industry and its agricultural output.
Thanks to all Buyers of our cattle at the Red Bluff Sale.

Announcing our First Annual Sale on December 3 at the Ranch. Take time out and look these cattle over at Tour time.

CROWE HEREFORD RANCH
LEARN———-Herdsmen Phone 7J2
MILLVILLE, CALIFORNIA

HERD

Illustrious Thickset S. 2d
The get of this bull have won for him as many get of Sire classes as ore bull on the coast.

BANDALIER REAMERE 2d
Champion bull at the 1951 San Antonio Stock Show. See his calves now on the ground.

BULL

Emperor of Ferndale 138th
Young sire entering service now. He was purchased from Ferndale and is by a son of the $100,000 Prince Eric of Sunbeam and his dam is by the sire of the $40,100 bull Tim Pierce sold at Ft. Worth.

Oxbow Eileenmere 42
Reserve Champion bull at the 1951 Phoenix Show and sired by the $15,000 bull in the Oxbow Dispersion.

ROSTER
You'll see at

RANCHERIA ANGUS
CHARLES & CATHERINE RYAN
In addition to our Angus cattle, we will show you our Columbia sheep when you visit us on the tour.
TIMING IRRIGATION

Irrigation should be planned in advance so that the pasture is ready for it. A pasture that is not well established and has not been grazed down by stock can be established in irrigated pastures. "Crop rotation is an excellent device for controlling pasture weeds," Miller said. "About every five to seven years, these rotation crops can be grown and should be feed crops like corn for oats, barley or Sudan grass. By so doing, the total forage available for stock feeding is maintained at a uniformly high level. For maximum return, irrigated pastures must be used as one of the crops in a sound crop rotation program.

Timing Irrigation. "Timing irrigation is one thing every person who has irrigated pasture should learn immediately, for fields which are irrigated frequently enough to keep the legumes and grasses in a vigorous growing condition usually have fewer weeds. Pastures which regularly suffer because of inadequate, poorly timed irrigation usually have lots of weeds like horsetail grass and yellow star thistle. These drough-tolerant weeds invade the pasture as the good forage species die out."

Miller lists keeping pasture growth on heres as a good practice if it is expected and will strike deep into the soil when moisture is available. A well-established stand of alfalfa on the field is the best herbage to establish pastures on because it is drought-tolerant and can be planted on nearly any soil. Alfalfa will produce higher growth than other forage grasses.

Real Plato Domino 46th (Chubby) and X-D Trumode 28th are getting some assistance this year from our new sires entering service. GR Tru Domino 6th and GS Golden Royal 43 along with Laguna Trumode 14th make our herd bull battery stronger than ever before. We are happy this year to again have the TOUR stop with us and see our cow herd and the top flight bulls being used in this herd.
Visiting ADAMS HEREFORD RANCH, located 10 miles from Chico on the Chico-Orovile Highway, at 8:30 A.M., Monday, April 16. You'll be welcome. We'll be glad to show you our registered Herefords. Our breeding cows are uniform in type and are from the Wyoming Hereford Ranch line of breeding. Our specialty: PRODUCTION OF QUALITY RANGE BULLS. You will see calves sired by the three bulls represented on this page.

ADAMS HEREFORD RANCH
Chico, California
E. L. ADAMS, Owner
GEO. WASHINGTON, Manager

Could a stranger pedigree be written? Powerful production and he's a powerful producer, as you'll see.
checks will prevent weeds from growing on them.

With from 15 to 20% of the total area of a field in levees, the importance of seeding a productive species such as alfalfa on them becomes important. Developed in Monterey County, this practice is rapidly spreading in California and other states.

**Chemical Control.** Chemical weed control is of key importance. Chemical sprays, properly timed, can be a useful tool in controlling weeds in horse pastures.

Dock, buckhorn, yellow star thistle and chicory are quite susceptible to 2,4-D. In field trials the sages have been considerably damaged but not controlled.

Under Glenn County conditions, which prevail in many other sections where crimson clover is the basic pasture legume, the following are recommendations based on field tests:

- Spray only really weedy fields; use from 1/2 to 3/4 lb. of 2,4-D (actual acid) per acre; use either the amine or sodium salt form of 2,4-D; use from 20 to 50 gallons of water to make up the spray solution per acre.

- Apply the spray during April or early May; have about 5 to 6 inches of growth on the pasture before spraying; do not graze for about 7 days after spraying to give the material a chance to kill the weeds. 2,4-D is non-toxic to stock; in fact, animals relish 2,4-D-sprayed weeds because they are sweet; be sure to keep 2,4-D-treated pastures well irrigated for 60 to 80 days after spraying; where alfalfa or trefoil is the basic legume in a pasture, 2,4-D should not be used because these legumes are very susceptible.

**Consult Local Advisors.** While most of these are basic the following suggestion should be followed. For spray recommendations for other areas of the West you should consult local farm advisors. Bear in mind that research by the division of agronomy, University of California, and field tests conducted by local extension service workers all contribute to the development of sound local recommendations.

The first tool that should be applied to control weeds in irrigated pastures we have left to last to stress its importance. That tool is well leveled land.

Poorly leveled irrigated pasture land usually has a serious weed problem. The high spots are generally dry and grow bermuda grass and yellow star thistle. The low spots are usually poorly drained and waterlogged, growing only dock, buckhorn and sedge.

**Money in the Bank.** A well laid out field includes drainage ditches at the lower ends of the checks. The checks should not come to the end of the field and 10 or 15 feet should be left unleved so the water can drain freely.

The ditches carry surplus irrigation water out of the checks, preventing the drowning out of good plants.

Control the weeds in your irrigated pasture—and you will put money in the bank.

---

**BIG BUYER—Roger Jessup of Los Angeles, left, shakes hands with T.R. Richards, Sr., over THR Princeps 42nd. son of RS Royal Princeps 2nd. which Jessup purchased in Richards' recent Sacramento Hereford Ranch achievement sale at Sacramento, Calif. Jessup bought most of the bulls in the sale.**

*Photo by WLJ*

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**OUR HERD SIRE**

**WHR Princeps Reaper**

We know you will like his calves.

---

**Let's Go!**

W.L.J. BEEF CATTLE TOUR

Monday, April 16, at 10:45 a.m. finds the TOUR at Sunnybrook. We want to show you our cow herd and herd bulls, plus those good Reaper calves.

---

**SUNNYBROOK FARMS**

Lincoln, Calif.
You'll see them, including our two new STARS, at TOUR TIME

Monday, April 16, 12:45 p.m.

AT THE LOG BARN

★ Manager Billy Normile and Owner T. H. Richards, looking over their NEW STAR ... DE Royal HA Domino ... purchased from DeBerard Cattle Co., Kremmling, Colo.

★ The other NEW STAR ... JR Mellomode 8th ... is a son of Trumode Domino 24th bought at the 1951 Denver Show from John Rice & Sons, Sheridan, Wyo. This Polled bull will be crossed with some of our top Horned cows, starting a new program at Sacramento Hereford Ranch.
Clean Sprayers—
Equipment Must Be Cleaned Carefully After 2, 4-D Use

Cleaning spray equipment which has been used to apply 2,4-D is essential if it is to be used to spray sensitive crops, as serious 2,4-D injury may result if the sprayers are tainted with the chemical.

Recent reports from Murray Pryor, California Department of Agriculture weed specialist, summarize necessary precautions.

Pryor's report says that it is practically impossible to remove all traces of 2,4-D from spray equipment. Whenever possible a special spray rig should be set aside to apply 2,4-D and other herbicidal-type spray materials. Sprayers with wooden tanks are impossible to clean sufficiently after being used for 2,4-D work.

Metal Tanks. When metal tanks are used they should be first rinsed with clean water, then washed with a neutralizing chemical solution. Final step is to re-rinsing with clean water.

If the equipment is to be used to spray sensitive trees, the cleaning solution should be allowed to stand in the equipment overnight before rinsing, if the tank is steel. Since aluminum tanks may corrode if caustic cleaning materials are left in them, they should be washed with a 1% solution of ammonia or soapy water.

Alkaline cleaning solutions should be used to clean alkaline forms of 2,4-D. Kerosene or diesel oil or combinations of these with alkaline cleaning agents should be used for the cleaning of ester forms.

Cleaning agents useful when equipment has been contaminated by alkaline forms of 2,4-D, such as the amine form, include 2 lb. household lye per 100 gal. water, 5 lb. salsoda per 100 gal. water or 10 lb. household ammonia per 100 gal. water.

ARIZONA STOCKMEN—Taking part in the recent Arizona Cattle Growers Assn. convention at Douglas were, left to right: Mike O'Han, Winslow, former sheep operator who is now running cattle; Kenneth Pickrell, Phoenix, who sold his sheep outfit last fall; and Louise Espli, Flagstaff, who, with his brother and father, runs one of the biggest outfits in the state.

Photo by Sebas

Let's Go! Visit us Tues., April 17 at 8:30 a.m.

See the "Envious" Angus

We will show you the benefits of more than 30 years of constructive breeding when you visit our Angus herd, on Highway 99 south of Sacramento. Our Angus not only meet the demands of the commercial cattle buyer, but they have been consistent winners in the show ring. Our herd is headed by ENVIOUS S. 10 of MAIZE. Plenty of bone and substance, good heads, modern beef conformation—that's what we are breeding for!

Here's a group of husky calves seen on the 1950 Tour. Sired by Envionous S. 10 of Maize, Guttridge Quester 40 and J. Guttridge Enviousmers.

Now offering some heifers for sale

“The Cowman’s Type of Cattle”

JAMES R. GUTTRIDGE
REGISTERED ABERDEEN-ANGUS CATTLE
Hiway 99 south of Sacramento ELK GROVE, CALIF. Phone 7653
Join the WLJ Beef Cattle Tour here 10:30 a.m., Tues., April 17 and see...

RUPERT'S JO TONE

One of California's largest and oldest Registered HEREFORD Herds!

We have been breeding registered Herefords for more than 30 years and this year, we have more than 600 cows of breeding age. Our Herefords have always been raised under range conditions and three generations of the Orvis family continue to cater entirely to range bull buyers. Come along on the tour... see our cow herd, our calves and some of the bulls we'll be offering later on.

Sycamore Hereford Ranch
11 miles east of Farmington, Calif.
(Phone Orvis Toll Station)

W. S. ORVIS & SONS
Nelson Bruso, Herdsman

Now in service in our herd...

LR PUBLICAN 3

purchased at the Red Bluff sale from the Liskeys of Last River Ranch. He is a son of Publican Domino 178, reserve grand champion and top selling bull at the 1947 Cow Palace. His grandsire, C-W Prince Domino 21 is highest living Register of Merit sire.

Our Cow Herd has been developed from selections made from leading Hereford breeders in the West. They carry the size and milking capacity you want in your range herd, for our entire program is based upon production of rugged, good quality bulls for range operators.

We have some registered heifers for sale.

John Zwald & Son
Phone 9268

OAKDALE, CALIFORNIA
FEED
Continued from Page 37

The land is used for irrigation. It is strictly
inland—mostly flax and burr
This acreage produces feed
September to May. The pasture
age program also embraces 5,000 acres
is grazed winter and spring.

Calves bought at weaning time are
sown on the grass. When the bar-
are harvested about 100 acres are
sown to sudan grass. When the
maintained in the young stock is put
sown to sudan grass, where they are kept until the wild feed
arrives in again. It is necessary to
the commercial cows out of the
half the last of June or the first of

"At around 12 to 13 months of age
they go into the feedlot for 100
to 120 days," Soult explains, "when
the feeding program calls for them to
put on 2½ lb. each per day."

Feed Formula. In the mill, the feeds
are mixed in these proportions: 7 lb.
each of cottonseed cake, ground barley
and alfalfa and 5 lb. of barley
straw. These are all mixed with 10% of
molasses. This represents the feed
for one animal per day, or approxi-
mately 30 lb.

An indication that Soult's markets
all the feed he grows through his cat-
tle is the fact that he doesn't even

"Sunny Triumph 100th is attracting wide attention
for his smoothness and fleshing quality. Visitors call him
one of the most outstanding sons of the Denver champion,
TT Triumphant 16th.

And, the young stock developing for later sale is attract-
ing attention, too. Sired by Sunland Aster 4th by Sun
Dynamic Aster.

Visit us at TOUR time and come again.

DIAMOND R HEREFORDS

The herd is being summered near Oakdale and that is
where the tour will stop. Ranch headquarters are near
Turlock.

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Visit us at TOUR time and come again.

TOUR STOP is at ranch
just east of OAKDALE at
1:45 p.m., APRIL 17

Registered Herefords

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Visit us at TOUR time and come again.
for the next 2 YEARS the...

JOAQUIN HEREFORD RANCH will devote...

its energies to the development of range bulls for the herds in California. By that time, we hope and expect to have a female herd equal to the one sent to the Lucky Hereford Ranch of Gilroy, California.

We are satisfied with our bulls, represented by the following:

DONALD DOMINO 26th, the "old aristocrat"
JOAQUIN DON DOM 19th, son of the "26th"
JOAQUIN DON DOM 22nd, son of the "26th"
NHR BLANCHARD DOMINO 11th, double bred grandson of the "26th"
MW LARRY DOMINO 85th, son of MW Larry Domino 50th
DON PEDRO DOMINO 3rd, son of Sunland Domino 33rd

Please visit the ranch and see the bulls and their sons and daughters as represented in Jack Bull's herd and in the ranch herd.

JOAQUIN HEREFORD RANCH

NED B. GOULD, Owner
SYLVIA KENNEDY HAWKINS was my private secretary, when the name was Miss Kennedy, at 1890s, when I was Tucson in the late in the largest cattle and ranch dealer in Southwest. She is highly educated and now doing some research work for me for my forthcoming book, "American Indians' Side of History." There is some interesting ancient history she has dug up for me. Quote: "Dear Frank: I have copied a bit from the history for you to use in your Indian history if it fits in—just any place you may want it, or tell it any way you wish if you find any use for it.

"Our first American ancestor who was born in Boston, June 12, 1632, was a follower of Roger Williams and joined him with the other men from Massachusetts. Hugh Mosher was his name. To prove that he, too, believed that the land belonged to the Indians, I copied an old deed which I found in the public library, given by the Indians to him when they purchased the land in the southwest corner of Rhode Island. One of our ancestors was the first white child born in Rhode Island."

**DEED** (Printed by Mr. Potter in his History of Narragansett—page 242.)

"The spelling changes often and the names also change of the Indians, but it was sufficient to prove that the men believed and held that the Indians owned the land—SDKH."

(A copy of the purchase of Socho, the true owner of Misquamicock.)

This deed or writing bearing date this present twenty-ninth day of June, one thousand six hundred and sixty, witnesseth:

That I, Socho, an Indian, Captain of Narragansett, being the true and lawful owner of a tract of land called "Misquamicoke," for a valuable consideration in hand paid to my content, have bargained, and sold to William Vaughan, Robert Stanton, John Fairfield, Hugh Mosher, James Longbottom, all of Newport in Rhode Island and others their associates, which said tract of land being bounded as followeth:

Easterly by a place called Weecapau or Pesspatatange, joining to the Nainticut land, on the south by the main sea, on the west by Pawcatuck River, and so up the chief river or stream northerly and northeasterly to a place called Quequatuck or Quaquuchnee, and from thence in a
We invite you to see our

REGISTERED

SHORTHORNS

at our Le Grand ranch. We recently acquired the major portion of the Annadel registered Shorthorns. They are of modern beef type, and have good bone and substance along with milking qualities. Mike Griffin in charge.

DIAMOND
DOMINO 81st

at our Le Grand ranch. We recently acquired the major portion of the Annadel registered Shorthorns. They are of modern beef type, and have good bone and substance along with milking qualities. Mike Griffin in charge.

our PREMIER
REGISTERED
HEREFORDS

may be seen at our headquar- ters ranch on US 101 just north of Ventura. They're strong in DONALD DOMINO breeding.

Taylor Ranch

Route 1, Box 1220 - Ventura, Calif. - Phone 5358
A. G. Wood
Jerome Griffin

MR. and MRS.
GATIS YATES
POLLED HEREFORDS
SAN FRANCISCO

LIVESTOCK
AUCTIONEER Earl O. Walter

"A Western Man . . . for Western Sales"
Write, Phone or Wire for Dates . . . FILER, IDAHO

CHECK UP—Clint Towner, right, secretary of the American Shorthorn Breeders Assn., Chicago, goes over one of the Shorthorn bulls at the 1961 world-breaking Red Bull Sale.

straight line to the first named line of Wecapoag or Patcham, joining upon Nainticut land as is said; which said tract of land butted and bounded as aforesaid, the said Socho do for myself, heirs, executors, administrators and assigns, surrender up all right so claim or interest whatsoever in the said land, fully instating the said William Vaughan, Robert Stannard, Fairfield, Hugh Mosier, James at bottom and their associates, heirs, administrators or assigns of said land and properties thereof, to world's end.

In witness whereof, I, the said soa, have set my hand and the day and year above said.

The mark of (six names including the preter.)

ROGER WILLIAM
(Copied from American Montgomery).

"THE fact that the Puritans considered Massachusetts own led to the banishment of Mr. Williams. He had come from England as a minister, and was settled in the church in Salem. He was one of very few men of that day who thoroughly believed in religious freedom.

"Mr. Williams did another which made serious trouble. He vehemently denied that the king had the right to grant the land to the colonies without the consent of the Indians who owned it.

"The colonies feared that when young Salem minister said man, invoke the English sovereign to
away their charter and compel them to leave Massachusetts. For this reason, the governor resolved to arrest him as a dangerous person and send him back to England. Mr. Williams fled (1635) in bitter winter storms through the woods to the shores of Massachusetts Bay. Here he took refuge in Massachusetts's friendly wigwam. "When he fled from Massachusetts into the wilderness, his situation was one of extreme peril. It was midwinter and the snow was deep. Williams was a sickly health and a wanderer in a woodland forest. Fortunately he had made the Indians his friends and he could speak their language. With Massachusetts he found a home till spring. "Then with five friends who joined him from Massachusetts he went to the Seekonk River and built a cabin on its eastern bank. Finding that the place he had chosen was under the control of Plymouth Colony, he and his companions crossed the river in a canoe. They were hailed by some Indians who were standing on a ledge of rocks on the western bank. 'What then?' cried the friendly red men to the wanderers."

**WILL ALL will note that the Plymouth Colony, as soon as the Red Americans led them Pilgrims and took the wrinkles out of their bellies, the said Pilgrims proceeded to cheat them out of their lands, and they wanted to deport any white man who tried to stand up for the Indians and stated that there was no fairness in the effort to dispossess the First Americans (Indians) of their land and property that they had owned for centuries before Columbus. I am glad none of my folks came over in the Mayflower, but some of my Cherokee ancestors were like Will Rogers once said—some of his folks met the boat. Will Rogers, Sr., was my third cousin, so I reckon some of my ancestors also met the boat. We were both for the Indians, first, last and all the time.

**DOMINO PRINCE is a son of Domino Prince 6 by Domino Prince. His dam was bred in our herd, too, the being by Domino Stanway 95. We sold a half interest in this bull to A. B. Hoy & Son, Weed, Calif.

**Let's Go! Circle Dot Herefords**

Madera, Calif. H. CLAY DAULTON Phone 1188 P.O. Box 600

**We're always glad to show our cattle.**

---

**WSC WINNERS—Dr. M. E. Ensinger, chairman of the Washington State College department of animal husbandry, presents a trophy from the national Saddle and Sirloin Essay contest to Dean S. P. Swenson of the College of Agriculture as contest entrants watch. Left to right are Dean Swenson; Louis Creiz, Seattle, seventh place; Frank Luevny, Seattle, eighth; Dr. Ensinger; Wilmer Hammerich, Colton, fifth; Helen Northcutt, Greenacres, sixth; Harvey Hopkins, Addy, sixteenth; Elwood Corulli, Wanaque, twelfth.**

---

We're proud to show you the results of more than 31 years of constructive breeding of registered Herefords. . . . a herd where the needs of the range man have always been kept uppermost in our plans. . . . a herd from which 22 range men and widely known breeders drew upon for bulls and females during 1950 . . . a herd which has produced many champions at California's major shows and sales.

Our female herd has been built around WHR and Dandy Domino 46 bloodlines. Herd sires now in service include sons and grandsons of WHR Triumph Domino 6, Domino Prince, Junior Domino 160, Larry Domino 50, Sunland Domino 33 and Real Silver Domino 7.

We're always glad to show our cattle.

**Let's Go! Circle Dot Herefords**

Madera, Calif. H. CLAY DAULTON Phone 1188 P.O. Box 600

Page 109
CALF CHUTE

Branding, castrating, vaccinating and dehorning—in fact, any operation on calves—is easier and faster with a Teco Calf Chute. Designed for the complete and safe control of calves, Teco Chutes are constructed entirely of metal to last. Exclusive Teco features include unique tilting arrangement, sliding panel which permits access to calves’ shoulders, secure and safe anchoring of head and hind legs.

Distributed by
HALL & HARMAN EQUIP. CO.
Toppenish, Washington

Please send me complete details on the following TECO products:

- Calf Chute
- Pilers & Stockers
- Cattle Squeeze
- Feed Wagon Beds
- Fertilizer Loader
- Portable Grain Elevator
- Cattle Stock

Name
Address
City State

LEWISTON WINNERS—Burns & Nelson, Lewiston, Idaho, showed the champion bull RL Domino 20 at the recent Lewiston Hereford Sale. He is third from right above with other winners.

IT seems like the government has been stirred up to treat the Indians better, according to the following Ute Indian settlement. Quote:

"Back Pay for the Utes—The Colorado Ute Indians (pop. 3,000) are not exactly hostile to the government of the U.S.: They accept it as stolidly as Chicago accepted the Capone gang. But since 1868, when the U. S. signed a treaty guaranteeing them a 15-million-acre reservation in western Colorado, they have put little faith in the Great White Father in Washington. They have reasons.

"After the Indians agreed to drop other claims in return for the land, the white man grabbed the reservation back and herded most of the tribesmen into an arid corner of Utah.

"The grabbing was a catch-as-catch-can business at first; gold seekers and homesteaders just moved in and made themselves at home. In 1880, after the angry Utes killed 12 whites, the government officially took away all the land.

"THE impounded reservation made a rich haul. Today it includes shale oil beds, vanadium and uranium deposits, 500,000 acres of oil fields and a big chunk of the blooming Creek and Rangely oilfields (Kansas' 1949 production, 20 million barrels). The government promised pay for all of the Utes' lands, but it never got around to it.

"Money in the Bank—This has prompted many a white man to argue the case for the displaced Indians. None has been more skilled than a Washington lawyer, Ernest Leroy Wilkinson, who took the Utes' case over in 1935, toiled for 15 years. Seven weeks ago he was finally able to go to Utah with big news. The day of recompense has arrived."

"THE Indians postponed their annual spring Bear Dance a day, poured across the reservation in battered cars, in wagons and horseback to meet the attorney at the dilapidated school at Fort Duchesne. After they had filled the few chairs and squatted in heaps along the walls, Lawyer Wyne ...

FRANK M. KING

TWO MILLION BUCKS

FRANK M. KING

9001 Melrose Avenue

LEWISTON—Burns & Nelson, Lewiston, Idaho, showed the champion bull RL Domino 20 at the recent Lewiston Hereford Sale. He is third from right above with other winners.
Welcome
APRIL 18
1:30 P.M.

Jato Heir P. 47th
(Above)

New "head man" in the New Montgomery Registered Hereford herd. Full brother of our famous cow, TT Zato Heiress, now owned by Mr. Karpe.

He's a son of H&D Tone Lad 105th and out of Princess Real 25th by Real Prince D. 62d.

Tour Day you'll see this lowset, smooth, strong-headed bull. And you'll see a lot of the grand young cows and heifers we have gotten together for this new and better Montgomery herd. Included are quite a number of JR Larry Domino cattle, the son of MW Larry Domino 37th we've used rather extensively.

THIS WILL BE THE FIRST PUBLIC DISPLAY OF THE NEW MONTGOMERY HERD.
peated the statement. Dead silence still reigned. 

"BEER in the Belly—After 14 minutes a long-haired Indian named John Powaway, majestically, costumed in dark glasses, yellow shirt and dress suit, 'We won't be able to decide after the Bear Dance,' he said. 'The audience shouted approvingly. Yes, Hou!' Said another old man. 'Hand is worth more . . . . That's it.'

There was a pause. 'Of course, I have some in my belly.' The Indians retired before a grove of cottonwood trees to get their breath. It was not until sundown, two days later, that the rest of the men outvoted the old men. 'Last week the court of claims awarded the Utes their record-breaking judgments—$31,700,000, or about $10,000 for every man, woman and child (though probably not its members would get the money). Grunted a long-haired old Ute. It was better than buffalo hunting.'

'The Colorado land is richer than the money.'

The Indians were not the only tribe that was getting something for long overdue. The Indian Claims Commission ruled last week that the government owes the Choctaw and Chickasaw Indians $3,489,435 for Oklahoma lands taken by the treaty of the end of the Civil War. The

arose, took off his coat and launched into a recital of his triumphs.

"Finally he delivered his punch line. If the Utes agreed to the terms he had worked out, the U. S. court of claims would award them between 31 million and 32 million—bigger judgments than the court has ever awarded against the government. He paused, faced his audience with a look of pardonable expectancy. Not an Indian flickered an eyelid. An interpreter re-
Vanderhoof Polled Hereford News
WOODLAKE, CALIF., MAR. 15, 1951

California Beef Cattle Tour To Visit Vanderhoof Ranch April 19

Porterville Judges Win at 5th FFA Field Day

WOODLAKE—More than 250 Future Farmers of America, instructors and clubmen were on hand for the 5th annual FFA Polled Hereford Field Day held at the Vanderhoof ranch Saturday, February 25. Competitive judging and discussion of beef cattle types, production methods, diseases and breeding methods and equipment were a part of the program. Following the lunch served by the Vanderhoof organization.

BULLS, FEMALES
NOW FOR SALE

WOODLAKE—Polled Hereford breeders and commercial cattlemen in the market for breeding stock are invited to visit Vanderhoof Polled Herefords this month. Stock for sale includes:

Four 2-year-old heath bull prospects. They are of best Vanderhoof breeding, listed individuals with plenty of size for age. Ready for immediate service. All range bulls sold.

YEARLING bulls and heifers. Last fall's weaning. Well grown out.

FRED E. VANDERHOOF, LEONARD D. HANSEN, son-in-law ROBERT A. VANDERHOOF, son, Veterinarian

"All three families living on the ranch"

Phones: WOODLAKE 155 . . . VISALIA 2-0024 . . . RADIO DISPATCH, VISALIA 4-7566

Let's Go! WILJ POLLED CATTLE TOUR

We've never had better calves to show you!

POLLED AND . . .
HORNED REGISTERED HEREFORDS

sired by our THREE GREAT HERD BULLS

TRIUMPH DOMINO 11
by WHR Triumph Domino 6

MW LARRY DOMINO 45
by Larry Domino 50

GOLD COLONEL
by Gold Mine

(Pictured Below)

The WLJ TOUR offers the best possible means of showing you our cow herd, our herd bulls, and the calves which we are now growing out and developing for sale next Fall and Winter. And, if you are interested in a real herd bull prospect, we have several to show you!

Let's Go! WILJ POLLED CATTLE TOUR

...and be with us, 11:30 a.m., Thurs., April 19

FRED E. VANDERHOOF, LEONARD D. HANSEN, son-in-law ROBERT A. VANDERHOOF, son, Veterinarian

"All three families living on the ranch"

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Phones: WOODLAKE 155 . . . VISALIA 2-0024 . . . RADIO DISPATCH, VISALIA 4-7566

Let's Go! WILJ POLLED CATTLE TOUR

We've never had better calves to show you!
MEHRTEN
LIVESTOCK CORP., EXETER, CALIF.
Route 1, Box 239
Phone Exeter 4 F 1
"Range Raised"
Registered & Commercial SHORTHORNS

APRIL 19, 4:00 P.M.

Welcome to Mehrten’s! — This is where you buy Shorthorn bulls to put extra pounds on your calves, to sire you replacement females that are heavy milkers. Popular breeding through Souvenir’s Jubilee, Sultan Lord, Edellyn Golden Mercury, Lancaster Ideal, Sunrise Vigilance and Sierra Sultan Leader 2d.

P H O N E Exeter 4 F 1
APRIL 19
josh ira an arch eo lo.
ment the ir c la irn
to $10,000,000
for 20,000 square
miles of the
Southwest.”

T HE Case of the $12 Squatters on Prairie soil, four strapping bucks from Indian reservations, the time, the money and the
motion to go off on a hard drink every now and again. Although the law prohibits the sale of horses to Indians. One night last October the three drunk, the four got caught in the wheeze and chang of Idaho’s machinery and were almost 
by it.

Cops arresting them for breaking the peace heard a thumping in car trunk, found a live sheep and sheep. Under a law passed in 1866, stealing in Idaho is still grand larceny. There, Prosecutor J. More O’Donnell put their worries too quickly to rest. They were lucky in having a most lenient judge in the state as O’Donnell—and if they pleased him he certainly wouldn’t hang them.

W HAT the four semi-literate but bewildered Indians didn’t know was that, even if they weren’t hanged they could get 14 years apiece for taking a $12 sheep, and that, of pleading guilty, is what they go.

When the story got out there was a hue and cry about “white man’s justice.” Novelist Oliver (Langston Boy) LaFarge and his Association of American Indian Affairs appealed to case to Idaho’s supreme court on ground that the defendants were “competent” to plead guilty without lawyers.

Last week the court voided District Judge Albert Morgan’s sentence, ordered a new trial. But perhaps that case would be dropped.

RID YOUR RANGE OF BRUSH

The CALDWELL GIANT BRUSH CUTTER has been thoroughly range tested. Ranch owners, county agents, pasture specialists approve it. Blades loosen the top soil so that it holds more water, catches wind-blown seed. Cattle carrying capacity of cut-over land increased two to four times. Standard models weigh 3,000 to 20,000 pounds, and cut brush up to four inches thick. Timken-bearing equipped. Low maintenance costs — built to last for years. Write for illustrated booklet.

E. L. CALDWELL & SONS
CORPUS CHRISTI, TEXAS

PATTERSON
POLLED HEREFORDS

The CALDWELL GIANT BRUSH CUTTER has been thoroughly range tested. Ranch owners, county agents, pasture specialists approve it. Blades loosen the top soil so that it holds more water, catches wind-blown seed. Cattle carrying capacity of cut-over land increased two to four times. Standard models weigh 3,000 to 20,000 pounds, and cut brush up to four inches thick. Timken-bearing equipped, low maintenance costs, built to last for years. Write for illustrated booklet.

E. L. CALDWELL & SONS
CORPUS CHRISTI, TEXAS

CUTTER WEIGHT 11,000
LBS. 7-FOOT BLADES.

CUTTER Suction-Bite Kit. Be prepared for emergencies with a Cutter Suction-Bite Kit. Keep an extra-Kit in your pocket: Contains 1 rubber suction cup, 6 - inch, 9 - inch, 12 - inch, 15 - inch, 18 - inch, 24 - inch, 30 - inch, 36 - inch deep, and 1 general - purpose handle. Also used for puncture wounds. Sold in drug and sporting goods stores.

Cutter Laboratories, Berkeley, California, Dept. P-9

D AR NELL PUT THE WORKERS TO REST. There, Prosecutor Morgan red a new trial. But case would be dropped.
**INTRODUCING...**

**SUPER DONALD**

Calved March 21, 1949. Bred by Pollock Hereford Ranch, Sacramento

<table>
<thead>
<tr>
<th>NHR Super Domino 9th</th>
<th>Donald Domino 26th</th>
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<tr>
<td>NHR Super Domino 3338722</td>
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<td>NHR Susette Domino 3462719</td>
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<td>Donald Domino 323210</td>
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<td>Belle Domino 3600356</td>
<td>Donald Domino 26th</td>
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<tr>
<td>CH Bell Domino 2498465</td>
<td>Donald Domino 26th</td>
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You'll like him! Everybody does! See him at TOUR TIME, along with our small, but select, cow herd, and the set of yearling bulls we have developing for later sale.

**Theo. L. Cairns**

MEMBER SAN JOAQUIN VALLEY HEREFORD ASSN.

P. O. Box 335 — LINDSAY, CALIF.

---

**Let's Go!**

**WELCOME HERE**

5:00 P.M.

THURSDAY, APRIL 19

**Soults Farms HEREFORDS**

Our registered Hereford herd is an important part of our farming and livestock operations. We believe many people on the Beef Cattle Tour may gain valuable ideas from our experiences in handling high quality Herefords on a diversified San Joaquin Valley farm.

Our herd of some 150 registered Hereford cows is headed by SUN DOMINO 47 by Sunland Domino 33, and GREENFIELD 2 by Canyon Victory 17, he by WHR Triumph Domino 66.

Visitors are always welcome. We're proud to show you our Herefords!

**MERLE SOULTS**

ROBERT YEARY, Supt.

P. O. Box 1276, TULARE, CALIF.
VISIT US at 10:15 a.m., Friday, April 20, on the Beef Cattle Tour, or contact us at any time. We’re in the midst of installing our modern new batch mill which will greatly increase our efficiency, and assure you of the best possible gains on your cattle.

Capacity 15,000 head. We feed thousands of cattle for cattlemen and packers. We raise most of our feed on our own land adjoining our mill which will increase our efficiency and assure you of the best possible gains on your cattle.

J. G. Boswell Company
Home Office
LOS ANGELES, CALIFORNIA
Phone: Corcoran No. 1, contact Bob McMicken

and see the RIVERMERE ANGUS
APRIL 20, 2:30 P.M.

Registered and commercial Angus production, headed by Jeronimo’s 500th and Proud Bertram of Phoenix. Popular Angus families. Type that appeals to both range men and breeders. Money makers for you when next you are in the market for breeding stock.

Jeronimo’s 500th

PROUD BERTRAM
of PHOENIX
ANNUAL SALE
January 7, 1952

BACA DUKE 2d
AND HIS CALVES

FEATURE TOUR ATTRACTIONS AT
KARPE'S, APRIL 20, 4 p.m.

GREENFIELD HEREFORD RANCH
A. H. KARPE
BAKERSFIELD, CALIFORNIA

10 MILES SOUTH OF BAKERSFIELD ON HIGHWAY 99 — YOU’LL SEE THE SIGN ON THE BARN
Western Livestock Journal's

Horse of the Month

BIG SHOT

Owned by Mr. and Mrs. John J. Pond
Shandon, Calif.
Horses and Horsemen

Edited by Bill Smale

What has happened to the Morgan horse? "That question has been put to me frequently of late. It brings up a consideration of a breed that every horseman should think about, no matter what breed he is raising. Morgans are a real utility horse and have been used by horsemen of America many years since the early 1900s. But in the last 10 years, Morgans haven't progressed in popularity as have other breeds. They are not commanding the respect today that they did in the 1930s and early 1940s. But there is demand for good ones today. As an illustration of this, the lone individual sold at the Morgan Horse Farm sale held recently brought $350. The average of 28 Morgans sold was $223. After all, one of the important ways to illustrate interest in a breed is the value buyers place on its individuals. However, in the Western country other breeds of horses have taken over the primary interest of buying horsemen. Not because the Morgan is any less capable a horse, but because other breeds have been more consistent and constructive. There is an important place for Morgans in the West. There are some 63 Morgan enthusiasts in Washington and over 36 owners in Oregon. Members of the Morgan Horse Association of the West number over 75. Yet Morgans are not commanding the prices or the increase in popularity, through the route of new owners that other breeds enjoy.

A breed association can do only so much to promote a breed. The real promotion, pushing and publicizing of the breed must come direct from the owners and breeders. People who raise Morgans are the best ones to tell, show and enthuse other people with the attributes of Morgans. "Ask the man who owns one." An advertising slogan that goes right to the core of the question.

As a Western pleasure horse, as a working stock horse and as a parade horse the Morgan has much to offer new horsemen who are buying today. Many horse owners could well sell the unsatisfactory horses they own and buy Morgans. In disposition, Morgans are unexcelled and they are easily trained.

Why, then, arc Morgans not as popular as they were 10 years ago? It isn't necessarily because another breed has had more to offer. It is to a large part due to lack of aggressive effort and public relations on the part of Morgan horse owners in the West, who have been willing to watch other groups of owners make the attributes of their breeds more widely admired and attractively presented to the buying public.

What has happened to Morgan horses can happen to any breed momentarily, but in the long run it is doubtful if the Morgan will become non-existent. In fact, it is possible that some day soon you will see interest in this breed in the ascendency again, possibly very soon.

Horse of the Month

To advocates of line breeding, a practice which has produced some of the top Quarter Horses, our Horse of the Month is a bright illustration. Big Shot P-860, owned by Mr. and Mrs. John J. Pond, Shamrock, Calif., is a son of the great working horse sire and ropping horse, Mark P-429, by Red Cloud by Possum (King). His dam was Arizona May West P-859 by Mark and out of a Lucky mare. He is the strongest Mark bred stallion in California, a worthy honor considering the strong respect horsemen have for Mark blood.

This copper sorrel stallion, foaled in 1939, stands 14.3 hands and weighs 1,150 lb. He was bred by Ray Murphree, Willcox, Ariz., but came into popularity as a show and breeding stallion in California. In 1948 he was grand champion stallion at Hemet and won his class at Escondido, Shadow Hills and Bellflower. At the 1950 spring PCQHA show he stood fourth in class to Brown Bob, Honest John and Settle Up, all grand champions.

As a sire, Big Shot has proved his worth, producing several AA horses, including Kay Vo and Lucky Mark, grand champion stallion at Indio Derby Spectacul'ral 1950. But he is probably most admired by his owner as the sire of useful working horses.
What Makes a Quarter Horse?

Parts of Quarter Horse

1. Poll
2. Face
3. Muzzle
4. Lower Jaw
5. Jaw
6. Throat Latch
7. Neck
8. Shoulder
9. Heart Girth
10. Arm
11. Knee
12. Cannon
13. Fetlock
14. Pastern
15. Coronet
16. Hoof
17. Elbow
18. Withers
20. Coupling
21. Croup
22. Underline
23. Flank
24. Stifle
25. Gaskin
26. Hock

The sketch above shows a list of the most important parts that are needed in judging Quarter Horses. There are a few, however, that are thrown in to designate the names of the parts for the benefit of the beginner.

Numbers in the list of parts correspond to the numbers on the Quarter Horse sketch, given as further explanation for newcomers to the Quarter Horse business.

Number 1, the poll, which should be wide and flat on top, is that part between the ears beginning at the top part of the neck and extending between the ears to the forehead.

Face. The face (number 2) should be short, straight, chiseled and clean-cut. It is the space between the eye and the line drawn across the muzzle. Part of the face is, of course, down on the sides toward the jaw.

Number 3 consists of the nostrils, mouth and lips. The line marked by number 7 may be used as a way to measure the length of the neck from the withers to the base of the ear, but I prefer to measure it from the slope of the shoulder, which is number 8, to the base of the ear.

For further illustration, number 9 shows a line where the depth of heart girth should be measured, either in judging with a glance of the eye or with actual measurement with a rule. Incidentally, I believe number 9 also is the proper place to measure the height of a horse, providing the line would extend to the ground.

Back Coupling. The back, 19, shows the distance between the lower part of the withers and a line extending up from the last rib. The coupling, 20, which should be as short as possible, is the distance between the last rib and the point of the hip bone.

Number 21 is the length of croup, which should be about twice as long as the back. The cannons are about half as long as the back, the pastern is almost a third as long as the cannon and the withers about two-thirds as long as the back.

Naturally, there are a good many variations in Quarter Horses and will still fall within this "ideal" conformation. There are many other terms used in judging Quarter Horses, but the points shown in the sketch are of the greatest importance, with the exception of a few points which cannot be seen from the side view.

By O. L. DOWNING
“Trailer King” pleads GUILTY!

... of building horse trailers the way you want them. Top hands insist on cool auto-cloth tops for comfort. Torsion spring axles, no side sway, no road jar, no car springs. Non-comparable steel frame construction. Aluminum exterior body, painted your color choice. Spring tension tail gate lift.

Our dealers will demonstrate why TRAILER KING leads the field.

Norton E. Loomis, Stanley Ave., Carmichael, Calif.
Dr. Wm. R. Linfoot, Woodside, Calif.
Methereds Saddlery, 615 Main St., Red Bluff, Calif.

TRAILER KING MFG. CO. 2750 Mt. Diablo Blvd. WALNUT CREEK, CALIF.

It's Your Chance ... TO BUY TOP QUARTER MARES — PROVEN ABILITY & BLOOD

Here They Are:

PRICED TO SELL — AT PRIVATE TREATY

WINDY LADY AQHA 11,464
 Foaled May 1, 1946 by Mr. Frothy AQHA 1626 out of Sadie, Grand champion mare, Hell- 0 verrs, Las Vegas. Reserve Champion Pre­ sident in class Tucson. A fast handling horse.

MISS GLOW P-12,079 AQHA
 Foaled June 19, 1948 by Midnight Jr. P-210 out of Sunglow P-1133. Several times grand champion and grand champion at halter. A full blooded horse to Dr. Sanny Midnight.

Lucky Lil P-14,555
 Foaled April 23, 1948 by Lucky Blanton P-1746 out of Apache Girl P-1166. A dun filling, rugged type. Has had a beautiful colt, gentle as a lamb.

BENITA'S FILLY
 Foaled May 14, 1950. Sire: Lucky Blanton P-1746 out of Bud's Benita AQHA 8678. This horse has a great deal of blood and should be a good working horse.

DR. CHUBITA AQHA 16,573
 Foaled May 8, 1947 by Chubby W. P-2249 out of Cotton Tail AQHA 4470. Here is one of the great granddaughters of the great Chubby. Her sire won several grand championships in Texas before coming west.

BUD'S BENITA AQHA 8475
 Foaled March 25, 1946. Sire: Vulcan by Ben Hur II out of Red Girl P-2079 by Red Dog P-55. We purchased this mare at Pendleton NWQHA sale where she topped the sale. She is a beautiful chestnut and a grand type Quarter Horse.

MUFFIN F. AQHA 12,038
 Foaled 1946. Sire: El Rey RO P-416 by out of an RO mare. This is one of the best RO mares alive. She has a wonderful disposition and good type. She'll raise working horses for you.

MUFFIN'S COLT
 Foaled May 7, 1950 by Hot Tody AQHA 17246. This colt will grow into money, is a good prospect.

BONNIE Reg. App. For
 Foaled 12, 1948 by Billy Bailey AQHA 3643 out of Little Luib AQHA 3567. Sorrel filly, beautiful conformation, well muscled, handling nicely in hackamore. Shown once and stood second to Top Lady, filly we bought from Paul Grate.

TANGLEWOOD ROSE AQHA 13,722
 Foaled August 9, 1946 by Naska T.B. (won over $100,000) out of Aida P-1628 AQHA. This filly can fly, but has never been started.

TANGLEWOOD ROSES COLT
 Foaled July 20, 1950 by Lucy Blanton P-1746. This colt should really run.

BERT AQHA Reg. App. For

Also several yearlings and 2-year-olds out of these top mares shown above.

And the FINE son of Brown Bob — TANGLEWOOD BOB

Excellent coming 4-year-old permanently registered stallion out of Dinah F, dam of Miss Mobile. 14.3 hands, weighs 1175 lb. A real working horse and potentially a great sire.

Come See Them or Write

BELLA VISTA RANCH . . . . . RENO, NEVADA
Helen B. Chappellet, owner Box 2228

BELL DISHWASHER RANCH . . . . RENO, NEVADA
Helen B. Chappellet, owner Box 2228

MARCH 15, 1951
Short Horse Boom—
Quarter Horse Business Stabilized
By Interest of Western Ranchers
By LOUIS TAYLOR

It hasn’t been so many years since it was nearly impossible to buy one pony from the large spreads that were raising their own horses—raising them because they couldn’t get the kind they needed any other way. The fellows breeding good ones wouldn’t sell one because the bother of fooling around with one sale and the nuisance likely to result from allowing a brand to get scattered around the country just wasn’t worth the few dollars one horse would bring.

We all know the boom that has followed that time of low prices for good cow ponies. Many predicted that it was just another short-horse fad that would die quickly as others had. But it doesn’t seem to follow the old pattern.

Perhaps one reason is that the present interest in Quarter Horses is backed by a different sort of horseman. Many of our top Quarter Horses today are owned by men of stability, busy in a modest, successful way with jobs of farming, feeding and marketing.

Winning Filly. Two world records have been cracked recently by a filly owned by a man who “just likes to have a good horse around to play with.” While Jim Kruse of Casa Grande, Ariz., is not the only man with one race horse who is having a whale of a lot of fun—and making his horse pay its way—he is a good case in point.

For more than a decade Jim Kruse has been one of the substantial cattle feeding, cotton and alfalfa raising ranchers in the fertile Casa Grande area. He likes good horses; but, as the success of his ranching attests, success
By F. LELAND ELAM

Blue Namron, above, is one of Reed’s two stallions. He has been a consistent winner at many California fairs and horse shows.

Hobby or Business?

Reuben Reed Retired, Only to Find Himself Breeding—and Selling—Tennessee Walkers

WHEN a man retires, then takes up a hobby to amuse himself, he has to watch out or he may be back in business before he knows it. Such was the case with Reuben Reed, a Tennessee Walking breeder at Firebaugh, Calif.

But then who cares if his hobby becomes a business?” asks Reed. “It sounds like a lot of fun, but it soon becomes tiresome. Actually I retired from one business only to find myself in another soon; one that is much more fun than raising hundreds of acres of melons, cotton, grain and berries each year. Horses are a stimulating business of which I can never get tired.”

It was in 1942 that Reed sold out his 1,100 acres of agricultural lands around Firebaugh and retired, keeping but 260 acres for himself.

Time of Traveling. Reed and his wife went on a lot of traveling and saw a lot of horses among them many horses all over the world. By 1947 they were tired of traveling and decided to settle down on their 260 acres and take up a hobby—Tennessee Walking Horses. The Reeds had seen and liked them in Tennessee, where the horse reigns supreme.

It was to be just a hobby, not a business. They would buy and raise a few good animals and learn the tricks of showing them at the fairs. That in itself, they knew, would be quite a task, as they had never had much to do with horses.

“Tired of Tennessee Walkers that were for sale by some of the better breeders,” Reed explains, “and finally bought a stallion, Tennessee’s Hiland, from Mrs. Jane Powell in Oak Harbor, Wash., and 12 brood mares from John Cupp at Medford, Ore.

Volunteer Buyers. “The first thing we knew, people were coming to the ranch wanting to buy horses for pleasure riding. The interest and demand were so great that we finally started selling a few, and it has just kept growing, until today we have 51 animals. We have 2 stallions, 14 mares, 2 3-year-old geldings, 2 3-year-old fillies, 10 2-year-olds, 11 yearlings and 10 weanlings.”

Reed’s stallions are Blue Namron and Chocolate Soldier. Blue Namron, bought at Shelbyville, Tenn., in 1948 from J. P. Phillip, is a brother of Merry Go Boy, for two years the grand champion Tennessee Walking Horse of the world.

Chocolate Soldier is out of one of the Oregon mares and was sired by Wilson’s Allan Chocolate Soldier. Reed is considering taking Chocolate Soldier to Tennessee to have him trained to compete in the grand championship show held each September at Shelbyville, sponsored by the Tennessee Walking Horse Breeders Assn. of America.

Many Awards. Although Reed has been in the horse business only since 1947, he has gathered in 158 ribbons and 7 trophies. Chocolate Soldier got his share of these ribbons. He was a first and grand champion at fairs in Watsonville, Yuba City and Fresno in 1949, and grand champion in a class of 21 stallions at the California Horsemen’s Assn. meeting in Sacramento. Last summer he took three blues and a...
Plan now to Attend the
7th Annual Spring
P.C.Q.H.A.
Quarter Horse
SHOW & SALE
Friday, Saturday, Sunday
May 18, 19, 20
SANTA BARBARA, CALIF.
Complete Classification
Halter and Performance Events

YOU BUY FROM THE BEST BREEDERS
WHEN YOU BUY AT THE PCQHA SALE

Members of the Pacific Coast Quarter Horse Association are raising horses equal
to any Quarter Horses in the country. These breeders are primarily trying to
improve their stock so that they command better prices and develop greater re-
spect. As a buyer, you get a chance to buy the best through this sale.

Working & Show Horses • Breeding Stock

Consignments already assure a group of finished working horses,
cow horses, cutting horse prospects and horses that can be shown
to advantage in halter classes. You will also find a selection of
popularly bred young stock, breed mares and young stallions.
Write for catalog.

CONSIGNORS...

We urge members to start selecting horses now, make your
entries and be sure you choose horses that represent your breeding
operations to the best advantage. Good horses always bring more
money in a sale and this year you will find many new buyers
interested in your offerings.

SALE ENTRIES CLOSE APRIL 15
For Show and Sale Entry Blanks write
PACIFIC COAST QUARTER HORSE ASSN.
2650 Cherry Avenue
LONG BEACH 6, CALIF.

Mares bred to MUCHO BUENO For Sale

Champion Son of Poco Bueno
MUCHO BUENO
P-19,906 AQHA
AT STUD
7 Championships in 1950.

Against the strongest stallion competition in Northern California including mature Quarter Horse stallions, Mucho Bueno won 7 stallion championships during his showing in
California during 1950. These show winnings were at Quarter Horse shows and fairs. Already this year he has won one Grand
Championship for stallions at the Indiana Horse Show. In
1949 he won his class as a yearling at the Blue Ribbon
Horse Show at Sacramento.

A 3-year-old this spring, he is sired by Poco Bueno P-844
by King P-234 and out of Nellie D P-225 by Blackhaw.
He has a wonderful disposition, a trait that runs in
this family. If you want to breed real, down to earth, working
Quarter Horses with substance, muscle and breed type
don’t overlook the wonderful individuality of Mucho Bueno.

We will show him in the working classes this year.
We will show Mucho Bueno and others of our horses at the Barbara Worth Stables
tour stop, 3 p.m., Monday, April 16, we will
welcome your inquiry about our horses. Be
seeing you...

W. M. HOWARD
Pleasant Grove, Calif.

Rt. 1, Box 16

Let's Go!
WLJ FEBT CATTLE TOUR
Reuben Reed poses with Jolly Blonde Wilson, winner of the first place ribbon in a 3-year-old class and grand champion brood mare at the Tulare County Fair. Photo by Elma

grand championship at the Tulare, Fresno and Madera fairs.

Reed is a firm believer in the future of Tennessee Walkers. “They are coming to the front fast,” he explains. “There are still a lot of places that won’t recognize them in the show rings, but show by show they meet an ever growing demand.”

“We find that most people buy them mainly for riding instead of for show purposes. Perhaps the man of the family gets one for his wife to ride. The first thing we know he is back for one for himself, then later for the kids.”

Class Needed. “For this reason I feel that we need a new class for Tennessee Walking-Horses in show competition. Right now the only class is the one in which the tails are set. We need a pleasure class in which the owner can get into the show ring with his pleasure horse. In this class it wouldn’t be necessary to dress fancy or spend a lot of money getting the horse’s tail set.”

“Some people are interested in animals for breeding purposes. We cater to them also. We sold at sales in the past, but now only by private contract. We want to know where our horses are going. We can give a person more satisfaction at the ranch.”

Reed is a firm believer in getting his horses out before the public. This year he broke out 17 animals with riders and entered the parade at the Firebaugh Cantaloupe Festival. They took second place in mounted groups, beating out some of California’s outstanding sheriff’s posses.

Training Counts. “If a man is to run a successful horse business he must play all angles,” Reed insists. “We work to bring out all the necessary gaits—the flat-footed walk, running walk and rocking chair canter. We
FOR SALE

We are now offering at reasonable prices:
- 1 1950 Catechu colt
- 1 1950 Steamboat colt
- 1 1949 Chesty McCue filly
- 1 1940 Dick McCue mare.

FOR SALE

He Has

Cow Sense
Disposition
Speed
Ability
Blood

DOUBLE DIAMOND
P-13,335 AQHA

Track and many times show winner

Famous Son of Silver King and full brother to Cowboy's Dream and Scooter S. Bloodlines of some of the mares we are crossing him on: Oklahoma Star, Salty, Red Buck, Buck Hancock, Buddy Waggoner. Fee—$100 with return privilege.

Horses branded 5

Jack Schwabacher
QUARTER CIRCLE FIVE RANCH
Star Route 14A (On Raymond Road)
MADERA, CALIF.

One of the GREAT SPEED Sires

QUESTION MARK
P-3247 AQHA

A great son of Plaudit by King Plaudit (TB) out of Pepito by Kenward (TB). He stands 15 hands, weighs 1325 lb. and is a full made stallion — ALL QUARTER HORSE. PHBA registered 5774.

STUD FEE — $150
with season return

Among his most successful colts are Osage Red (rated AA), winner of 1950 stallion stakes, Tucson; Question's Gold (rated AA) won 3 races last year; Gallant Bass, won last race in AA time (unofficial); Grey Question (rated AA) winner of 1950 Oklahoma Derby; Savannah G (rated AA) equaled world's record for 250 yds. in 13.7. These are but a few of his best colts. More than that he has the golden color so popular in the West.

J. R. CATES
TULARE, CALIF.
Stone Ranch, Route 1, Box 57, Phone Tulare 64625
Two miles north of Tulare on Blackstone Ave.

He Himself

Cow Sense
Disposition
Speed
Ability
Blood

DOUBLE DIAMOND
P-13,335 AQHA

Train him to get the best gains possible to park, to be bred-wise and do other things that go with a good breeding program.

"Taking horses in for breeding is also part of our program, but we are only selected registered producers of Tennessee Walkers. You have to do everything to protect your stallion's breed and the reputation of your horses."

Reed believes that the feeding of his animals is one of the most important activities on the ranch. "I think feeding of horses is more difficult as cattle," he says, "but nevertheless, there are a few things to get the best results.

"When we are working the cattle, we feed them, besides hay, a good day of rolled barley or oats, which we have been able to buy. This gives them vigor. Under regular conditions we prefer to feed straight hay, and our feedings of a week, one each on Wednesday and Sunday nights. This keeps them in very good trim, for it is a laxative."

20 Halter Classes
At NWQHA Show

Twenty halter classes are planned for the Northwest Quarter Horse Assn. Show to be held at Pendleton, Ore., May 24-26, and a particularly attractive group of working mares seven in all, are also on the program for the show, sale and races that will be held each afternoon with classes and working events in the mornings and evenings. The sale for May 26 with Herman Snyder of Bud McIntyre of Pendleton in charge.

Trophies for the grand champion stallion and geldings will be awarded and a trophy will be presented to the champion working horse of the show that will be determined by accumulation of points in the different events. In order to win this award the horse must also compete in the halter classes.

35th Annual Salinas Rodeo
Offers $13,800 in Awards

A total of $13,800 will be awarded at the 35th annual California Rodeo at Salinas, Calif., July 21-24. Awards of $2,000 will be given in saddle bronc riding, bareback riding, bull riding, calf roping, wrestling and team roping. The milking contest offers $1,000 in prize money.

Approved by IRA and RC, the show is one of the most progressive rodeos in the West. P. E. Reed, president, is beginning to plan it on the rodeo plant aided by the new rectors. Outstanding contestants from several Western states are expected if past years are an indication.
As a show horse, Big Shot was first at Shadow Hills and Bellflower and Grand Champion at Hemet in 1948. He has won numerous trail and pleasure horse classes and is a top steer roping horse. He has sired several AA running horses and most of all his colts are strong, fast, well muscled and have wonderful dispositions with lots of sense. He is a copper sorrel, stands 14.3 hands and weighs 1150 lb. Come see him, look over his colts and you will see why we are proud to own this horse. His services are available to approved outside mares.

Sire: Mark P-4249
Red Cloud
Birdie

Dam: Arizona May West P-859
Mark P-4249
Lucky Mare

Strongest Mark bred Stallion in California

For Sale:
Mares bred to Big Shot and Blazer C.
A few 1950 foals

QUICK SAND AQHA 8270
(Horse of the Month, Feb. 1949)
Reserve grand champion stallion at the 1950 fall PCQHA show. Quick Sand is one of the best sons ever foaled sired by Pop Corn by Red Dog. He is a real working horse with lots of speed and cow sense. If you want working horses, we suggest you breed one of your best mares to Quick Sand.

BLAZER C. AQHA 2470
This stallion by a son of El Rey RO is siring some of the best colts we have on the ranch. They have a lot of sense, speed and look like real Quarter Horses. They are easy to break and handle and make top ranch working horses and get the job done working cattle.

Pond Quarter Horses

Mr. and Mrs. John J. Pond
BOX 140 Shandon, Calif.
Bend, Ind. 80th. George O'Brien, vice president of the Standard Oil Company of California, reports that a colt was foaled Feb. 21, sired by his imported stallion, Musidora, and was a colt to Madera as well as the spittin' image of his sire.

The first Joe Barnett colt to be foaled this spring was foaled at Ferndale Ranch on March 18. Blue Bottom Adair is the dam of the foal.

Lingdooley Tulip Peaving, a 5-year-old filly sired by Banana Peaving, was recently sold by E. E. Converse of Paula, Calif., to Mrs. Peggy Chatsworth, Calif. The filly has been trained at Lingdooley Ranch by Dick Bridges.

Olan Sims is now working at Panoche, Lompoc, Calif. He has taken over the breaking and training of Quarter Horses for Rich E. Peake and will probably be one of the rodeos this spring and summer.

At the meeting of some of the executive committee at Santa Barbara, on May 5, at the Sunset Cinema, arrangements for the coming PCOHA show and sale to be held there were discussed.

Dick Danielson, George V. Kramer, and Lee Wilder were present at the meeting representing PCOHA. A lot of ground was accomplished in setting up arrangements for the coming PCOHA show and sale to be held there.

No races this spring for Quarter Horses March 31 through May 5, at Santa Maria, according to Kramer. Kramer was helping the following arrangements for the show: Barbara and Christie were served the compliments of the Barbara & Christie. Betty Faries Young, Paso Robles, Calif., married Del Clifton in January, and was in the California rodeo. Wonder how the wedding was.
Winning Again with LEE MOORE

Above is the finish of the Flying Saucer Handicap, Oct. 14, 1950 at Bay Meadows, Calif., won by LEE MOORE, carrying 125 lb. He set a new track record for the 350 yards of 18.2. Second was Leota W and Miss Mobil third. This good son of Joe Moore P-1856 out of Yokohama gives us the foundation for our Quarter Horse breeding program.

Breeding Quarter Horses With a real Program

Using Lee Moore and his full brother Poquito Mas as the basis for our breeding program, we are now following much the same program of breeding as the famous breeder of racing Quarter Horses, Ott Adams. To establish the foundation lines we want in our mares we are crossing our brood mares to Chicaro Bill P-1297 and the resulting fillies will be crossed back to two stallions mentioned above. It is interesting to note too that the dam of Lee Moore has produced 5AA running horses. This year you will see both Lee Moore and Poquito Mas on the track.

Our brood mares are all proven producers of successful individuals themselves and represent the best in true Quarter Horse blood. We are sure that by retaining the best Quarter Horse blood and crossing it with discretion, we can not only keep the conformation of the breed, but develop ever-increasing speed. Some of the sires represented in our brood mare band are Uncle Jimmie Grey, Joe Reed, Ted Joe of Arizona, Oklahoma Star and Chicaro Bill.

LEE MOORE P-18.398

KEN FRATIS RANCH

Lemoore, Calif.

Rt. 2. Box 40 (Kings Co.) Phone 5580
Breed to Grand Champion Blood

MODOC
AQHA 3742
Dark bay stallion, full developed true Quarter Horse type.
This good stallion sired by Snooper and out of a Harmon Baker mare is a full brother to the twice PCQHA grand champion stallion Brown Bob. He has the development you like to see. He is a fast working horse and a top roping horse. See him before you choose the stallion for your mares this year.

Home of JOE LESS and NICK II
P-2992 P-3557 PHBA 4098
All stallions at stud
Breeding stock for sale
GUY CORPE
Rt. 2, Box 3280
Phone Hillcrest 74033
6 miles east of Sacramento on Jackson Road, Highway 16, 1/2 mile east of Walsh Station.
SACRAMENTO, CALIF.

Show Your Own Cutting Horses
THIS YEAR
We Have a Few FOR SALE

Popularity of cutting horses is growing rapidly. More shows in the West this year will offer top premiums for these horses. You will get more out of these shows if you have a horse you can show in the best competition. We have five finished horses for sale now. Besides that we will help you to learn to show the horse you pick. Yes, they are broke so you can ride them successfully!

Also Registered Mares
Carrying Joe Reed II Service
R. E. DANIELSON, JR.
G. G. “BILL” LAMKIN
8642 WESTMINSTER BLVD. . . WESTMINSTER, CALIFORNIA
Phone 3813

BEAUTY—Golden Moon, sired by Barkern Moonbeam, won Tennessee Walking class at the recent Phoenix show held at the Windsor Basin Stables, Phoenix, Ariz. Golden Moon is owned by H. E. Cittell and is ridden by Elizabeth Cittell of Phoenix shown up.

Home of:
Champion Quarter Stallion
JOE REED II P-985
At Stud

QuarTER R. 0. D. Horses

ary, Mt. Shasta, Calif. The mare and Miss Darkness and the colt was a course, by Buzzy Bell II. See where Bill Welch, Phoenix, Ariz., won the cutting horse contest at El Paso riding Chickasha II. Second was Ray Edsal, Belle Four S. D., on Blinche.

To Name Champion. The American Quarter Horse Assn. is going to give the title of “AQHA Champion” to horses winning 20 or more points shows during 1951. Points shall be based on number of horses that enter contest and any champion won at least eight points in classes of any event and the same number of halter events to qualify. In January there were over 24,000 horses entered in the tentative book of AQHA not to mention the other 16,000 in National book that is now compared with AQHA.

Gordon Wiggett, Ventura, Calif., recently sold Oak Haven Chieftain to E. Dorsett, Anaheim. Understand land Mrs. Wiggett were in agreement lately.

A Quarter Horse school of instruction will be held under the auspices of the PCQHA at Newport Beach, March 24. If you haven’t had a chance to attend one of these meetings you will find this one valuable to you will make many new friends.

An American Morgan Horse Show to be held at Monore, Ill., Aug. 19, is being publicized to help late new interest in Morgan Frank J. Maher will be manager of show which will include 12 breed, classes and 22 performance events total of $2,620 is being offered in my money, of which $1,500 will be awards for performance classes.

Palominos in Canada, for the interest is being displayed for the Palominos in Canada and the established of the British Columbia Assn. has done much toward promotion.
QUALITY! That's What Counts

Ferndale Ranch
QUARTER HORSE
DISPERSAL SALE
Sunday, April 8, 1 p.m.
Rancho Del Cerrito
Canoga Park, Calif.
50 Head

Every effort has been made to establish the finest foundation of Quarter Horse breeding stock in America at Ferndale. For five years we have been selecting, purchasing, breeding and developing our program to improve even the best.

We have succeeded in that we have purchased, sold, shown and raised more GRAND CHAMPION Quarter Horses on the Pacific Slope than any other breeder in the business. Our 1950 sale averaging $910 was the highest in the nation for the last two years and our 1949 sale averaging $866 established the high average in the nation for the year.

Our COMPLETE DISPERSAL SALE offers the nucleus of this production including a number of GRAND CHAMPIONS now noted as great producers of the finest Quarter Horses. You will find exceptional young breeding and show prospects in this offering. This is truly an opportunity for you to buy the best foundation stock.

Chas. Adams, Auctioneer
Bill Smale, Sales Mgr.
Eddie Evitt in charge of horses

FERNDALE RANCH
SANTA PAULA, CALIFORNIA
REGISTERED QUARTER HORSES
AND ANGUS CATTLE

Joe Barrett - 1539
SELLS

turn the page
This is one of our top coming 3-year-old fillies now in foal to Joe Bob. She is sired by Star Duster P-5152 and out of Gold Hen P-108,806 by Ding Bob. At Long Beach show last year this filly stood at the top of her class beating the PCQHA grand champion filly at Pomona. At Indio this year she won her class and was GRAND CHAMPION mare of the show.

Feamed in June 1949 this is one of the top daughters of Seronimo P-4240 out of Barbara G. P-983 by Ben Hur. Here you have speed and conformation crossed through the most popular blood. She won her class at Indio this year and was reserve champion mare of the show. Here is one of our best show fillies and is just coming into her own.

A coming 2-year-old daughter of Joe Barren P-1158 out of G-Fern Linda Mujer AQHA 4293 by Joker by Glen Bill. She won her class at the PCQHA show last year. Entered in the Rocky Mountain Quarter Horse Futurity July, she could be the winner. Her mother was a grand mare in Texas and reportedly was never beaten in matched race.

A daughter of the prominent and capable sire of CHAMPION of CHAMPIONS Star Duster P-5152 out of Laura's Panzarita P-5151 by Ding Bob P-269. She is a mare bred coming 2 years of age. Here is a mare bred though foundation brood mare after you win through the foundation brood mare after you win through the foundation brood mare after you win through. She is like a capable working Quarter Horse and that is what she will undoubtedly be.
QUARTER HORSE DISPERSAL – APRIL 8

What Counts!

G-FERN DASHAWAY P-4939

Only a 7-year-old mare, she is one of the tops of the breed on a show mare. She is a daughter of Tom Benear P-225 out of Beauty Troutman P-665 by Barney Troutman P-606. She was GRAND CHAMPION mare at PCQHA Show 1948 and at Denver in 1948. She is the dam of G-Fern Dashing Joe, a blue ribbon winner, sold for $2500 as a weanling.

WANETA OF WEST WOODLAWN P-6159

A 7-year-old daughter of Show Boy P-263 by Tony out of Miss Muffett P-557 by Peewee. She is a line bred Possum mare. At Fresno in 1950 she placed second in class and was third at Pomona in 1949. At Indio this year she won her class and has been a member of our winning brood mare band at 2 PCQHA shows. She is now in foal to Joe Barrett.

SUE REED P-1569

This is one of the best daughters of Joe Reed P-3 out of Galene by King O’Neill II (B). She is now in foal to Joe Reed, Sue Reed was GRAND CHAMPION at West Coast Champion Quarter Horse Show in 1948 and at Pomona in 1944. She was Junior Champion at Tulsa in 1944. That is just the beginning. Sue Reed is a great show mare and is bred to be a professional daughter of great running, using horses.

FLASH

Winners of our horses at Indio Horse Show 1951: G-Fern Warm Rythm won her class. G-Fern Trip Hammer was first in class and reserve GRAND CHAMPION stallion. Star Mary was second in class. Waneta of West Woodlawn was first in class. G-Fern Gld Star was first in class and GRAND CHAMPION mare. G-Fern Buda Chuba was second in class. G-Fern Pretty Melody was first in class and reserve GRAND CHAMPION mare. G-Fern Sweetwater stood third in class. If you are looking for the best of the best, this is the show to see.

G-FERN TRIP HAMMER P-19,898

A 2-year-old stallion son of Dexter P-193 out of Catchme P-1665 by Joe Reed P-3. You are getting not only proven blood, but a proven cross in this good colt. A full brother, Fugly Dexter, has been reserve champion at two NWQHA shows. A full sired colt sold for $4000. At Indio this year he was first in class and reserve GRAND CHAMPION stallion of the show. Here is a real stallion prospect you can invest your money in and be assured of good return.
We are Selling... April 8, 1 p.m.

This sale consists of horses closely related to the GRAND CHAMPION STALLIONS of 48 and to the GRAND CHAMPION MARES of 33 of the 71 leading halter shows, as shown in the January issue of Quarter Horse Journal.

So you can buy GRAND CHAMPIONS, the get of GRAND CHAMPIONS, the service of GRAND CHAMPIONS and prospective GRAND CHAMPIONS.

Many of these have been purchased at premium prices. You are getting the advantage of our travel, advice of authorities, proven performance and you can see the production results, which we are selling.
The golden horses. Mrs. Doreen Norton, West Vancouver, was recently
appointed president. Tom Livesey, Ab-
by, F. C., vice president, and
editor, B. C., secretary, and
manager. A news letter with prayers of
recommendation published each quarter
is of interest to people interested in activities
surrounding Palominos. Results of the
horse shows are also included in the
news letter.

At the annual meeting of District 3
of the United States Trotting Assn.
held at Tulare, Calif., Feb. 3, some 200
attendees for Standardbreds were on
hand for the elections. A. J. Elliott, a
director and manager of the Tulare
County Fair, welcomed visitors. A. S.
Nylland, J. P. Scripps and Wm. Lachen-
maier were elected to the directorate
for 3-year terms; S. A. Camp, A. J.
for 2-year terms; O. C. Foster, Walter Found, Maynard
Shelter and John Lawler were elected
for 1 year. At the annual breeders' sale held on Feb. 5, 42 head went
through the ring for a total of $6,950,
with a top of $1,100 paid by Wm.
Lachenmaier, Shafter, Calif., for Kalala,
2-year-old filly sired by Pegasus
Pointe, out of Kahla Abbey, con-
nounced by A. S. Nyland.

Arabian Show, June 22 and 23 will
be the dates for the fifth annual All-
Arabian horse show to be held at
Portland, Ore., under the direction of
the Arabian Breeders Society of Ore-
ge. Two night shows are planned,
with breeding classes being held each
morning.

Spring Meadows Farm, Oswego,
Ore., has sold the Arabian gelding,
Al's Arab, to J. W. Fish, Mr. and Mrs.
Robert B. Field have the Arabian stallion Rapture, a son of Raffles, and Al's
Kilroy at the Oswego Hunt Club for
the winter months. See where Mr. and
Mrs. Loyd Silva, Grants Pass, Ore.,
are expecting nine foals this year from
their Arabian mares. Their senior sire
is Abdul Kabir, a horse that has made
a great reputation in Oregon as a
show and producing stallion.

Chino Group Plans 15th
Annual Ride for April 29

The Chino Rancho Ride Assn. has
scheduled its 15th annual ride for Sun-
day, April 29, from Chino, Calif.
Approximately 1,000 persons make
the family round-trip ride through
the Chino hills each year. A hot bar-
beque dinner will be served at the
Chino Rancho Ride arena in Soquel
Canyon. A full afternoon of gymn-
astics events is also planned, with
awards of trophies, ribbons and prizes
for the winners.

Camping facilities are available in
the assembly area for those who come
to join the fun. The ride is open
to anyone who wishes to participate,
announced.

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SAN ANGELO, TEXAS
WSC Will Sponsor Judging School, Horse Show in May

The third annual light horse judging school and the second annual open horse show will be held at Washington State College May 25-27.

More than 250 horsemen from Washington and four neighboring states and WSC students attended the affair last year, and about 150 horses were shown and studied, according to Dr. M. E. Ensminger, chairman of the WSC department of animal husbandry.

The judging school will be held May 25-26. There will be sections on the Arabian, Thoroughbred, Tennessee Walking Horse, Appaloosa, Morgan, Quarter Horse, Palomino and the American Saddle Horse breeds.

Ensminger says the purpose of the school is to train judges as officials for light horse shows and to train owners in selecting horses.

"It must be realized that only a few individuals will become experienced showing judges," Ensminger says. "Rather, most horse owners are practical horsemen who select their own animals and conduct their own appraisals. In general, they are intensely practical; no animal meets with their favor unless it carries value from a utility standpoint."

"Successful horsemen are generally good judges of horses."

The show, a Washington State Horsemens' approved show, will be held each night of the judging school and on Sunday afternoon. It is designed to serve as a model exhibition in conjunction with the school to provide revenue for the operation of the WSC Hilltop Stables and to train students in staging a light horse show.

Gay Meadows Stonewall
Sires Two Palominos

Gay Meadows Stonewall, owned by Mr. and Mrs. M. G. Sues, Puente, Calif., has sired three foals this season, two of which are Palominos.

The first golden foal was out of the good mare Anacacho Jonquil, winner of several show walk-trot events for mares. She is owned by Earl Marshall, Tooele, Utah.

Golden Enchantment, owned by Mr. and Mrs. Sues, is the dam of the second Palomino, a filly. Gay Meadows Stonewall is standing at Hill View Farm, Puente.

Fresh bog spavin?
"Clear it up fast with ABSORBINE"
says C. W. Pace of Longmont, Colorado

"As soon as I see signs of bog spavin, puff or soreness on my horses, I use Absorbine. That's the treatment advised by our veterinarian, and I have been using it for over 16 years."

Yes, farmers know there's nothing like Absorbine! It's not a "cure-all," but a time-proved help in relieving windgall, collar gall, and similar congestion troubles.

A stand-by for over 50 years, it will not blister or remove hair. Only $2.50 at all druggists.

ARAB OWNERS—Kenneth B. Hall, Oswego, Ore., Dr. Chas. Palmer, Portland, Ore., and Joe Dodd, Tygh Valley, Ore., look over Arabian classes at recent Arabian horse show. All three of these men have been prime movers in developing interest in good Arabian horses in the Northwest and all are breeders of registered Arabians. Photo by WLJ

grand champion Quarter Horses at the Ft. Worth, Texas, Quarter Horse show held in February to come to Santa Barbara to compete with the best in Western horseflesh. The show is open to all competition and it is hoped that breeders and show stable owners from the Intermountain, Rocky Mountain and Northwestern states will send show entries to compete in this, the largest Quarter Horse show held in the Far West.

Dick Danielson, vice president of the association, is in charge of the show and sale and will be helped by president George Wiswall as well as directors throughout the state and the executive secretary, Lee Wilder.

White Possum

AQHA 9559

Here is one of the best sons of Brown Possum AQHA 15 by Possum (King). He has a wonderful disposition, stands 14.2 hands, weighs 1050 lb. and is white in color. Fee $50 to approved mares.

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Mr. and Mrs. Graeme Stewart

DORRIS, CALIF.

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Joe Traveler P-1784
A great breeding son of Little Joe recognized as one of the most potent sires of all-around Quarter Horses, running, working and show stock.

And these mares:

Dr. Honey P-4352 by Buckey Harris, dam of Little Dr. Joe now running in Arizona. Bred to Joe Traveler.

Dos XI AQHA 22,092, 3-year-old by Little Dan AQHA 1267, bred to Geronimo Jr. 

Lady Greenfield AQHA 6279 by Monte AQHA 3016, dam of Gay Corpe's Mr. Muscles that sold for $1000. Bred to Geronimo Jr.

Bull Dog's Lady AQHA 8993 by Bull Dog AQHA 8720, dam of D. G. McComber's Bull Dog Joe.

Belle Star AQHA 5232 by Old Red Bird P-14, dam of Josephines Traveler, 2nd 1949 filly foal class PCQHA show Pomona 1950. Bred to Joe Traveler.

Honey Traveler P-23,774 by Joe Traveler, 1950 filly.


Both stallions at stud until sold—Fee $100 to each.

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Ranch Address: Karl Thompson, in charge, Route 1 Box 241

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Louise Fleming SELLs Sunday, June 24, 1 p.m.

in our first

ED. ECHOLS PRODUCTION SALE

As a special feature of our sale we are selling the popular and capable daughter of Ed. Echols, Louise Fleming because she represents well the many abilities of the Quarter Horse. She was PCQHA champion working horse at Fresno 1950, she has won many handsomely working horse classes and in 1950 was champion Quarter Mare at the Riverdale Co. Fair. She has lots of speed and is wonderfully well broken to ride. Here is one of the very tops of the mares of the West and certainly one of the very tops to be sold this year.

Our sale will include approximately 35 head including 1948, 1949 and 1950 colts and fillies sired by Ed. Echols and out of our best mares. We are also selling our best brood mares with Ed. Echols colts at side and rebred to Ed. Echols.

ED. ECHOLS COLTS WIN:

As an illustration of what you can expect from Ed. Echols colts, as Devonshire Stakes, on January 28, Jo Echols and Dandy Z each won their races. Carmi Lady was second and Mattie Echols third. Think of it, 4 horses entered sired by one horse and all in the money.

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Breeders of Registered Quarter Horses, Charolaisse and Charbra Cattle.
Arabian Association Plans
Headquarters in Pomona

The Arabian Horse Assn. (International) decided at its recent annual meeting in Denver to establish headquarters in Pomona, Calif., and re-elected officers for another year:

E. E. Harlbut will continue as president. Other officers are Dr. James R. Thompson, vice president; Kenneth B. Hall, treasurer; and Mrs. Will Runian, secretary. Preston Dyer has been appointed executive secretary.

Members set up a national advertising program and discussed work under way in the publicity, public relations, advertising, horse shows and education committees. Committee appointments include Mrs. A. J. Boyt, membership; Dr. Frank E. Parsley, president; John F. Purvus, program; Mrs. Clarence V. Saylor, history; Milton V. Thompson, counsel; and Ward Wells, shows and rules.

Denver Racing

The 1951 Rocky Mountain Quarter Horse Assn.'s racing program is rapidly taking shape.

The annual 3-year-old futurity for 2-year-olds will be featured at Denver's new Centennial race track this year. The futurity will be run on Labor Day, Sept. 3. Centennial Park will give an added $3,000 which will give a total purse of $10,000 for the 1951 futurity winners. The Derby will be run at Centennial Park adding $2,500, making the total purse $7,500 for the Derby.

Other feature race will be the championship 10-yard stake with $1,000 added.
Cameron Badge  
Double row belt  
Hobbles, used

R. L. Welborn had recently shipped a carload of Morgans out from the East to breed with his Western Morgans.

E. J. Hedden had been elected president of the Phoenix Driving Club. Ellis Weir was vice president and Tom Goodnight secretary-treasurer. The club had recently sponsored a horse show.

C. L. Harelson, Glendale, Ariz., had done well with his Palominos, and had become owner of Harelson's Stables and Camelback Mountain Stables.

California Harness Horse Assn. members had met in Stockton and appointed J. Harry Nelson, Selma, president. Other officers included Norman L. Philip, Beverly Hills, vice president; Mrs. Edith Kelly, Sacramento, executive vice president; and Walter Round, Merced, secretary-treasurer.

Bob Pollard's Seven Up Dude Ranch at Fairplay, Calif., was rapidly becoming one of the leading guest ranches.

The W-L Ranch Co., owned by motion picture executives Harry M. Warner and Mervyn LeRoy, had a string of 21 mares, including such animals as Careful Lady by Stimulus, Marching and Betty War by Man O' War, Fox Along by Gallant Fox and Reigh Risk by Reigh Count.

W. A. Thompson, Phoenix, Ariz., had decided to disperse his horses, including some of the finest Quarter Horses and Thoroughbreds in the West. B. Quarter stallion, Topper, was sired by J. E. Browne's Billy Byrne and was out of a Tony mare.

An important recent transaction was the purchase of Flight Cadet and Mister Cinders by Mr. and Mrs. H. C. Morton from Mr. and Mrs. Jay Teaters. The horses were one of the leading small Hackney teams on the Pacific Coast during the past year and would probably be shown at the Phoenix Horse Show.

Tom Goodnight, C. C. Cooper and Joe Cuddihy, all of Phoenix, had recently traveled to the Anacacho Ranch at Spofford, Texas, to view the mares and colts currently for sale. Cooper and Cuddihy purchased Anacacho Pride, a mare by Edna May's King out of Jane Black; Issie D., a chestnut mare in foal to Anacacho Denmark; and six yearlings, three fillies and three stallions.

R. W. Morrison had recently visited Pomona, Calif., in preparation for the B. B. Tucker sale in April, to which Morrison is consigning several outstanding young colts.

Jimmie Dills had recently purchased a 3-year-old filly by Decorator from Charles Travis for the Ella Mae Stoffer Stable. Dills plans to keep her for five-gaited and fine harness classes.

The San Marcos Horsemen's Assn. was planning a spring driving contest. Tom Mason had been appointed senior judge by the American Driving Horse Show Assn.

Robert J. Kleberg Jr., president of the King Ranch, Inc., had been elected a member of the board of directors of the Texas Agricultural Workers' Association at a banquet in San Antonio. The Ranch had been breeding Thoroughbreds for several years, and the King bred filly, Ciencia, was the only horse to win the Santa Anita Derby. Bay View, owned and trained by Tony Pelletier, had won the 1941 Santa Anita Handicap. The 4-year-old bay gelding was by Sweep All on Directors.

Fastest time recorded at the 1941 Tucson Quarter Horse Show 22 8/10ths seconds with a quarter mile made by Clamber, a sorrel gelding owned by Buck Nicholson, Phoenix, Arizona to win the event again.

AQA Racing Division Pick  
Hard Twist 'Horse of Month'

Selected by the American Quarter Horse Assn.'s Racing Division as "Quarter Running Horse of the Month" for January was Hard Twist, sired by Cowboy, a prominent stallion that has sired eight champions for the Register of Merit. His dam was Young Taylor, a mare of excellent conformation that transmitted her conformation and her running heart to her colts.

During his second season of 1942, Hard Twist not only led in racing, but had also set a world's record and won the world's championship as the world's leading stallion for 1946-47. Two of Hard Twist's first Cox champions qualified for the Register of Merit last year; indicating Twist's future as a leading sire.
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If you need a late spring or late fall boar, you will like these Hampshires. They have lots of breed type and come from strong producing families.

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

Thanks to Buyers
We want to thank each one of you who bid on or purchased our consignments to the Berkshire Sale at Pomona. Thanks to all of you who have purchased hogs from us this spring. We hope they please you.

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

INGENIOUS—T. E. Holmes, Ft. Jones, Calif., hog raiser, found the greatest problem in raising baby pigs was to keep the mothers from rolling on some of the pigs, injuring them. So he built a panel along both sides of the interior of the "A" barn, where the mother and pigs stayed for a week following birth. The panels prevent the sow from turning around or stirring continually if nervous, and a space at the bottom of each panel allows the babies to work off to either side, out of the way of the mother's cumbersome body. Holmes, who is shown above in one of the pens, estimates he has upped production of saleable porkers by about a third.

Pork Picture—War Situation, Better Management Bring Increase in Pig Production

By HENRY J. BECKMAN

In 1950, according to a government survey, American swinemen produced more than 100 million pigs. Figured on the basis of U. S. population and without allowing for imports and exports, that's about 100 hogs for every 150 persons in the country.

Several significant trends are noticeable in the USDA report on the swine situation at the beginning of 1951. First, the increase over last year is about 5%, but the gain in the number of fall pigs is about three times as great as the gain in the number of pigs farrowed last spring. This was due to a gain in the number of sows farrowing last fall and an increase in the number of pigs saved per litter over 1949.

Several significant trends are noticeable in the USDA report on the swine situation at the beginning of 1951. First, the increase over last year is about 5%, but the gain in the number of fall pigs is about three times as great as the gain in the number of pigs farrowed last spring. This was due to a gain in the number of sows farrowing last fall and an increase in the number of pigs saved per litter over 1949.

Swine men broke all records last fall in the number of pigs saved, an average of 6.65 pigs per litter, so that while the number of sows farrowing increased 7%, the number of pigs increased 9%. The net result was that the 40-million fall pig crop was the largest on record.

Reasons. It is difficult to say exactly what caused such a large increase in the fall pig crop. Undoubtedly the Korean situation had something to do with it. Apparently producers figured that pork was in good demand. This not only related breeding, but made the producers more careful with his farrowing program in order to save more pigs.

Fall weather conditions in swine producing areas were not as bad as the average. Too, when demand on the up swing, farmers advantage of newer and better management practices. Heavy losses have no place in commercial swine enterprises, since labor is more costly, investments in livestock equipment are greater and feed costs are much higher.

New management practices and good wishess to the following purchasers of our consignments to the Berkshire Sale at Pomona:
Aubrey Simons, Pomona, bred sow (top selling sow of the sale).
Vernon Fairchild, Garden Grove, boar (top selling boar of the sale).
Mr. and Mrs. C. C. Chappel, Cucamonga, bred gilt.
Lynn McDonald and Bob Monroe, La Verne, bred gilt.
We have a few April farrowing gilts and some top November boar pigs for sale.

Write for details or visit the farm.

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**WALDO WEETH RANCH**

Waldo Weeth, Owner
Bates Bowers, Herdsman
Coalinga, Calif.
Fattening units. These subdivisions have tended to crowd out many small farm operators whose small individual production contributed substantially to the national average. Probably no state has lost a greater percentage of its swine growers in the last five years than has California.

Although the population increase would normally mean more household garbage for feed, this has been largely offset by the savings made through better refrigeration.

Prices. Recent Chicago prices for good and choice butcher weight hogs have been $19.85 to $21.50, with sows at $16-18.25 and lighter weights at $18.50. At the same time top-prime steers sold at $40.85 and commercial to prime steers and yearlings sold from $29.50-39.50. Woolled lambs went at a top of $35.65.

Most hog men feel these price differences must be corrected. The meat situation seems seriously unbalanced when fat steers sell for twice the price of good hogs and lambs are 75% pork.

Just how long it will take to narrow the margin between live pork prices and beef prices is difficult to say. Many men indicate that it will take two to three years before necessary replacements can be made on cattle rations and heifers will again be sent to market. When that time comes, some think the current wide price differential will be eliminated.

Hogs Need Feeder Space—

Self-feeders are labor savers, and hogs must have plenty of feeder space. Overcrowding means slower gains and increased costs; it's best to allow at least one foot of feeder space for every three head of hogs.

Feed all feeds separately. Self-feeders do a good job of balancing the ration if they're given a chance.
**Coming Events**

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**FEUSH HAMPISHIREs**


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**Western Livestock Journal**

**Coming Events**

**Duroc Breeder**

V. E. Brown and his son of Fresno, Calif., have started in the registered Duroc business and have hired Jerry Carter to manage the operation. Carter was formerly at the Wil-Do Duroc Ranch, Coalinga, Calif., working with Bates Bowers. Some 90 head of gilts have been purchased from Wil-Do to start the program at the ranch near Clovis, Calif. The ranch will be known as the Copper Mountain Duroc Ranch.
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Put your herds on a high income level with year around free access to a DIGESTA-BONE and SALT mixture. Help them pay off better at weigh-in.