SATURDAY
OCTOBER

N BAR RANCH

- 150 Commercial Heifer Calves
- 250 Steer Calves
- 100 Purebred and Commercial Cows
- 50 Purebred Bull Calves
- 40 Commercial Yearling Heifers

ANNUAL SALE
At The Ranch

Some of Montana's Best Angus Cattle
Selling in lots to suit the buyer. Each year our cattle have set an enviable record. Top quality is demanded and we produce it.

Flying stockmen will like convenience of the landing strip near sale barn on the ranch, located 18 miles southwest of Grass Range. Ranch is on the radio beam, 80 air miles north of Billings and 25 air miles southeast of Lewistown.

NORM WARSINSKE, Auctioneer
FORREST BASSFORD for WLJ
BAR 13
CATTLE
FEED ON

LEFT—1949 Grand Champion Feeders at Chicago International.

BETWEEN—The same load . . . 1950 Grand Champion Carload of Fat Cattle at the Grand National, at the Cow Palace, San Francisco. Fed and shown by Boys’ Town, Boys Town, Neb.

LAST MINUTE REPORT
Bar Thirteen bred steer, shown by Boys’ Town, wins championship big Monticello, Iowa, steer show. One of the biggest and most practical shows in nation. Steers must weigh 1150 or more to enter.

RIGHT—Reserve Champion Carload of Feeder Steers at Denver, 1950.

BETWEEN—The same load . . . Reserve Grand Champion Fat Carload at Denver, 1951.

FOR SALE
Steer and Heifer CALVES
AND
Good Aged Commercial COWS

Bred to same bulls that produced our winning feeder loads.

BAR THIRTEEN
SHERIDAN, WYO.
Breeders and Feeders of Quality HEREFORD and ANGUS CATTLE

Produced on our California ranches as well as on the famous Baca Grant ranch in Colorado, from the original Baca Grant Hereford herd.

The NEWHALL LAND & FARMING CO.

SAUGUS Los Angeles County CALIFORNIA
High prices and heavy demand feature trading in stocker and feeder cattle. Here's WLI's annual report from cattlemen throughout the Western country who give you their ideas on the numbers of cattle, volume of contracting for future delivery, asking and selling prices, feed conditions and the price outlook.

90 Million Cattle Population in 1952?

Widespread anticipation of larger cattle supplies in the United States is at least partially verified by preliminary research findings by American Meat Institute. AMI indicates that, on the basis of all government statistics available, concerning production, marketings, birth and death losses, number of cattle and calves on farms and ranches on Jan. 1, 1952, may be in the neighborhood of 90 million head, which would be 5.75 to 6 million head more than the government reported on farms and ranches Jan. 1, 1951.

This would be by far the largest cattle population on record. Previous high record was Jan. 1, 1944, when 85.6 million head population was estimated.

Should the trend through 1950 be repeated, most of the increase would be in beef cattle, with probably a minor increase in dairy type animals. Livestock and meat packing interests point out that increased production of beef is a better answer to bringing about reasonable meat prices than government price controls.

Livestock and meat packing interests point out that increased production of beef is a better answer to bringing about reasonable meat prices than government price controls.
Hire another top hand!

When you're thinking of cashing in on your beef cattle, you'll be looking for that top dollar. It'll sure pay you to hire a "top hand" who knows how to ride herd on market shifts. A "hand" who knows the quickest and best way to make fat cattle out of grass critters. A "hand" who savvies all those ceiling prices and other government regulations. Well, you're talkin' to that kind o' "top hand" right now!

Finest care—by experienced caretakers, the best there are! Finest rations—high concentrates and milled feeds. The result is quick solid gains at low cost. And with our marketing experience and nearness to large packer-buyers, we can help you sell at the right time. Because of our diversified operations, we are constantly in touch with all regulations. For full details, write, wire or phone...

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Whenever you're out San Jose way drop in and let us show you around
Don't Miss
THE NATION'S TOP-MONEY
FEEDER CATTLE
SHOW and SALE
at the 1951
GRAND NATIONAL
Livestock Exposition
Horse Show and Rodeo
COW PALACE
SAN FRANCISCO
OCT. 26-NOV. 4
THE SHOW OF NATIONAL CHAMPIONSHIPS

$7,225.00
CASH PREMIUMS
for Show Classes:

Pens of 5, Carloads of 20
American Hereford Ass'n... $1,260.00
California Hereford Ass'n... 100.00
American Shorthorn Breeders' Ass'n... 610.00
Am. Aberdeen Angus Ass'n... 760.00
All-breed Premiums... 4,555.00
TOTAL... $7,225.00


SALE
Thursday, Nov. 1 — 10:30 A.M.
California and the Pacific West comprise America's fastest-growing Feeder market, and this outstanding and Grand National event assures active bidding. Make your herd better known by exhibiting at the Cow Palace. Select your entries and plan to exhibit... NOW.

ENTRIES CLOSE OCTOBER 1 — For Premium List, all details—and advance reservation for Arena Shows...

write:

GRAND NATIONAL
COW PALACE
SAN FRANCISCO 24, CALIF.

P. S. — Remember, too, the GOLDEN GATE NATIONAL HEREFORD SHOW AND SALE—another 1951 Grand National headline.
Producers of...

High Grade Commercial Cattle

Squeeze Play...

In 1940 with fat cattle selling at 10c and 12c, the cattle feeder had an operating margin of 1½c to 2c or about 12½% to 16% of the fat cattle prices.

Today the cattle feeder still has 2c margin with the fat cattle price of 35c which gives him an operating percent of 5% to 6% of the fat cattle price.

*Our conclusion is that the feeder and stocker buyer is definitely in the squeeze today.*

Montgomery Corporation

SIMI — CALIFORNIA
We will buy your cattle or feed them for you.

KENNETH MEBANE HOWARD TAYLOR

FEED YOUR CATTLE WHERE YOU CAN SHOW GREATER PROFITS BY . . .

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

For Space Reservations
✓ Write
✓ Phone
✓ Wire

You Get These Advantages, too...

Perfect climatic conditions for year-around feeding...
Well-drained pens for winter feeding...
Short haul to Los Angeles or San Francisco markets.
And, we pass lower costs on to stockmen or packer-feeders.

Ask For Figures on Cost and Gain

Camp & Mebane
CATTLE COMPANY

Phones—BAKERSFIELD 2-2014 and 5-0751

S. A. CAMP, Pres. P. O. Bin D. SHAFTER, CALIF.
J. T. CAMP, Vice Pres.

KENNETH MEBANE, Partner
HOWARD TAYLOR, Manager
WASHINGTON'S Yakima Valley — sometimes called “the fruit bowl of the nation,” sometimes “the place where irrigation feeds the nation” (depending on who the Chamber of Commerce is trying to impress) — is also the state's top cattle feeding area. Between 100,000 and 150,000 cattle are readied for market on a mixture of feeds that are the bounty and by-products of irrigation farming.

The men who fatten livestock here do it on a combination of feeds: alfalfa hay, cull potatoes, beat tops, dried beet pulp, protein supplement and grain. Most of them buy the grain they need from wheat farmers who raise it on the dryland foothill fringes of the valley. Some, like Harold Pingrey of Selah, raise their own. A good many of the feeder cattle come from Washington ranges, but quite a few are shipped in from Oregon, Idaho and Montana.

Irrigation farmers have discovered that cattle feeding brings double-barreled returns; it is a profitable business (if you know what you're doing) and it is the only solution to the vexing problem of keeping up the fertility of their irrigated fields.

These Northwest Farmers Feed Their Own Grain

By JOHN CHOHLIS

Home-Grown Feeds: Harold Pingrey, Ford dealer, cattleman and irrigation farmer, has been feeding yearlings and heifers for the last 10 years on practically a full ration of home grown feeds. Unlike a good many of his low-feeders, he raises his own grain. He does, however, purchase cull potatoes which he feeds in liberal amounts when he starts his cattle on feed along in the fall.

Near Wilson Creek, Wash., on the edge of a potentially greater feed area — the Columbia Basin — are two brothers whose success in fattening cattle with their home-grown feed is...
Commercial Herefords on a Quality Basis

Produced in a herd which was strong when we took over the ranch. And further strengthened with the famous A Bar A cow herd from Wyoming. Now growing and still gaining in quality through type and feeding ability carried by our own replacement heifers.

Banning-Lewis Hereford breeding was in the foundation and we have been buying further drafts of Banning-Lewis bulls annually. Resultant uniformity is something we'd like you to see.

Look for this sample of our output at the COW PALACE SHOW, San Francisco next month: ONE PEN OF FIVE FEEDER CALVES.
brought them nation-wide attention and all records for "topping the market" at Spokane's Old Union Stockyards. Hybrid vigor, early calves and an excellent feeding program are all part of George and Clarence Rosenberg's success formula.

Harold Pingrey's venture into the cattle feeding business coincided with the purchase of a 125-acre irrigated farm in the Wenas Valley near Selah in 1941. One of the first things he learned when he began cooperating with the Wenas Soil Conservation District shortly after he and his neighbors organized it in 1941 was that the soils on his newly purchased farm were short of organic matter and fertility. What better way to build up soil organic matter and soil fertility than with manure?

"None," says Pingrey, after spending 10 years returning it to his land. Plenty of Manure. The 200 head that he usually runs through his yards each year and the weaner calves that he winters on the adjoining lot furnish him with nearly 1,000 tons of manure.
Ranch at Junction City, Ore., is one of the few places in the Willamette Valley feeding out steers and heifers on pasture and in drylot. Sprinkler irrigated pastures, supplemental feeds make cheap gains and condition cattle for ready market.

Ad

Filling Orders for Stocker-Feeder Cattle

Long years of experienced replacement cattle buying assures you of careful selection of stock.

F. J. (Fritz) Monsche
UNION STOCK YARDS
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It Pays You
To Feed Good
Feed 'Cause You
Cain't Fool Steers

In the heart of the Imperial Valley
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Commercial Cattle Feeders
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Phone 527

30 to 100 days and sell them to packer weighing an average of 980 lb., they gain an average of 213 lb. per head per day.

All They Can Hold. Asked about his feeding program, Pingrey replied, “I used to turn them loose on calf spuds after I bring them off the range. They all can hold, about 100 lb. per head per day. If I don’t have enough grass, they wind up on a straight grain ration. They’ll eat as much as 18 lb. of dummy barley a day, but of course I feed them into the grain feed. They get all the hay they want and I use salt and steamed bone meal in the form of them all the time.”

According to Pingrey, his steers will put on more than 60%, a figure he’s held after having followed several of his lots through the packing house.

Costs?

“I’ve never kept a strict cost accounting on my setup because I raise so much of what I feed, but considering cost, labor, depreciation on buildings and machinery and interest on my investment, I’d say it costs me about 20 cents per pound of grain,” Pingrey said.

Two-Way Spread. In addition to his 1,500 acres of irrigated land, Pingrey also runs 15,000 acres of deeded dryland from the Cascade Lumber Company of Yakima.

Although he buys weaner calves now, Pingrey is equipped to raise his own cattle. In the last few years Pingrey has been more profitable for him to buy weaner calves than to raise his own. Right now he has what he calls a “two-way” spread. The price of weaner calves continues to go up, so he can shift gears and start his own. He can do this because he keeps a good herd of uniform high-quality Hereford cows. These cows are bred to a good Shorthorn bull. The brothers hold back the best females of this cross, run them in a separate herd and breed them to a wish of the kind of cattle he likes to see in his feedlot.

In 1950 Pingrey raised 300 tons of alfalfa hay, 250 tons of corn silage and 50 tons of barley from 105 acres of irrigated land. Last year he seeded 20 acres to a mixture of orchard grass, alfalfa and ladino clover. This year he’s pasturing steers on it. Pingrey wants to find out for himself how steers that are grazed on good irrigated pasture will compare in feedyard “doing” ability with steers that come off his rangeland.

Pays Off. “This feeding business has paid off in more ways than one,” Pingrey said. “Ten years ago I was getting a little more than half the production I’m getting from my land today. The manure has been a big item. That, and the better job of irrigating that we’re getting done since SCS irrigation engineers helped us do a little revamping on the irrigation system. My son Bob is on the place full time now and I expect the yields will be even better because he’s taking more than just a ‘hired hand’ interest in the place,” Pingrey said, adding that he plans to turn the entire operation over to young Pingrey.

Using the Miles City cross, George and Clarence Rosenberg are doing right well with their “weight for age” beef production program. In 1950 their steers (14 1/2 months old) weighed an average of 990 lb. at sale time. This year they averaged 950 lb. with an average market age of slightly under 14 months.

The Rosenbergs grow their own feed and their own feeders. They run two separate breeding herds on their 11,000-acre grain and bunchgrass range spread. They started with a herd of uniformly high-quality Hereford cows. These cows are bred to a good Shorthorn bull. The brothers hold back the best females of this cross, run them in a separate herd and breed them to a
For Better Feedlot Profits Use The Central Market

PACKERS, feedlot operators and ranchers can use the same avenues to better profits when using the complete facilities of the Central Market . . . to buy Stockers or Feeders. Here you gain benefits in choice assortments of the grades and weights you demand in producing high yielding fat cattle. At the Central Market, you have your pick and at prices established by the Law of Supply and Demand.

PLACE your orders for fall feeders and stockers with your Commission Man. Let him help you find your needs. He’s posted and well-qualified to serve you as your buying agent.

YOU PROFIT all ways when buying through the government supervised yards on the Central Market . . . for rigid sanitary regulations protect the health of every animal offered for shipment to the country.

STEADILY increasing sales of replacement stock prove more and more stockmen are looking to the Los Angeles Union Stock Yards as a source of Stocker and Feeder material.
Orita Land & Cattle Corp.

Office: 113 So. Plaza — Phone 15

DAN CAMERON - PHONE 1021
ED RUTHERFORD - PHONE 7226
WM. ARMSTRONG, JR. - PHONE 1909W

Turning out top FAT CATTLE .... Right down our alley!

WESTERN CATTLE FEEDERS

With three locations—

- YARD No. 1 BASSET, CALIF. Ph. Forest 8-1025
- YARD No. 2 MARNE, CALIF. Ph. Fleetwood 6-1418
- YARD No. 3 CHINO, CALIF. Ph. Lycoming 8-1119

OFFICE—
Western Cattle Feeders
3226 North Gilman Road
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WANTED
1000
CHOICE FEEDER
STEERS

CONTACT
D. E. ALEXANDER
1550 HENRY ROAD • NAPA, CALIF.

Whether you want to BUY or SELL
always remember these TWO leading markets

NAMPA
CATTLE, HOGS & SHEEP
Every Monday at
NAMPA, IDAHO
Phone 264 P. O. Box 169

CALDWELL
CATTLE, HOGS & SHEEP
Every Thursday at
CALDWELL, IDAHO
Phone 83 P. O. Box 208

Boise Valley Livestock Commission Co.
LIVESTOCK MARKET AGENCY

PROPER SALTING RESULTS IN MORE POUNDS OF MEAT

One of the most effective methods of managing range livestock is proper salting. It is known that stock are more content and easily handled, are healthier and less likely to succumb to disease, and make better gains and develop better with sufficient salt.

The number of salt grounds depends upon the topography and the kind of stock. Animals cannot go great distances for salt or water if one place is uniformly and the toilet and the topography of the rolling, salt grounds two miles apart may be entirely satisfactory. Frequently, one mile apart is more factory and even closer if the terrain is particularly rough.

Often, salt grounds are located according to convenience rather than according to a well-developed plan. This results in salt being placed in readily accessible places where the stock naturally congregate and it is easy to increase grazing concentrations. It is commonly believed that animals will congregate near salt, but that, being located near water, excessive travel to salt near water is not advisable. Observations show that this is not necessarily true and that the added attention of these areas will be well rewarded. Thus, in locating salt grounds near water, the proximity to water and along dry ridges should be avoided, since these areas will be complemen-

No exact and generally applicable rules can be made for the location of salt grounds, but certain principles should be followed. Locate salt grounds near dry ridges, benches and slopes.

carcass weights average 600% and up.
Richins, Miller & Co.

COMMERCIAL
CATTLE
FEEDING

Now 10,000 head capacity

Within 45 minutes trucking of the tremendous slaughtering capacity of Los Angeles packers, and of the Los Angeles Union Stock Yards. Gives you opportunity to take advantage of every market trend.

13 years of dependable Richins, Miller service... personally directed feeding by Norman Richins and Robert Miller.

Highest quality feeds, ground and mixed daily in our mills. Clean, dry pens in an ideal year-around weight-making climate.

Ask us for details on costs and gains.

PERKINS’ Hereford Feeders

SIGN of
SUPERIOR FEEDERS

Yes, the THREE CIRCLES are carried by Oak Ranch products. Polled Herefords and good ones. Sired by Halbert bulls... SOLD ON THE RANCH each year. Weaner steers and heifers, older cows and bulls. Shipped out of Willcox. We have our own scales, and deliver by truck.

R. E. Perkins
PRESCOTT, ARIZONA
Plan to sell ---
Plan to buy ---

at the

Great Western

FEEDER

CATTLE

SALE

Wed. Nov. 28
Union Stock Yards
LOS ANGELES

Remember the wonderful sale of feeder calves and yearlings at Los Angeles in 1950? Let's repeat in 1951 with more cattle, more buyers, better quality. The demand for high quality calves and yearlings is the greatest ever. Write for information.

Remember also the Hereford show and sale. See the cattle judged and exhibited during the Great Western Fat Stock Show, then be on hand for the sale of registered Hereford bulls and heifers—range bulls, herd bulls and foundation females . . .

Friday, Nov. 30

Great Western Livestock
Sales Committee
RAYMOND HUSTED, Manager
4511 Produce Plaza
Los Angeles 58, Calif.

Intelligent Marketing—
Central Arizona Cattle Feeders
Promote State's Economic Growth
By RICHARD SCHAUS

SEVENTEEN years ago during the depths of the depression when choice cattle were bringing $40 a head, a small group of Arizona cattle feeders got together for the purpose of organizing an association for their mutual benefit. These men felt there was a necessity for more intelligent marketing of feeder cattle through the cooperation of the local members of the industry.

The meeting lasted only 30 minutes. In that short session the Central Arizona Cattle Feeders' Assn. was launched. With acumen that was to become characteristic, the infant association gave the job of writing the laws and by-laws of the nonprofit organization to G. W. Shute, a Phoenix attorney.

Today new members still “sign up” for membership on the original document of incorporation that Shute drew up in 1934. Today’s roster of 142 members includes a substantial majority of the cattle feeders in the Salt River Valley.

Original Backers. Financing a new venture in the gloomy ‘30s might have been a problem, but so confident was this little group of determined men that 15 of them pledged $25 each to launch the association, and $2 was a lot of money then. Of the original contributors, 11 are still members and others have died. The honor roll includes George Taylor, H. M. Wayman, Wayne Thornburg, E. W. Ellsworth, E. L. East, W. A. Thompson, Bebout Bros., H. Miller, Bahhitt & Cowles, Terkleseen, C. C. Pendergrass, Houston, F. E. Jack and Raldergast.

Within a short time the association had 70 members, and six months later the organization had been in existence all of the original contributors had been repaid and the treasury had a modest balance.

Financing then, just as today, was accomplished by a self-assessed charge of about a dollar on each head sold by a member. The charge was 15 cents, which was painless in contrast to the charge of about a dollar on each head sold out of states. Arizona sellers had previously been required to sell their cattle on out-of-state markets. George Taylor was the first to get permission to send a check. Others followed, and in a few months —

ANGUS IN THE FEEDLOT—More often than ever before, Aberdeen-Angus are being seen in Western feedlots. The Blacks in this picture, along with the Red Angus, are putting on the pounds in the Camp and Mebane lot at Shafter, Calif.
FOR TOP FEEDLOT GAINS——

IMPERIAL CATTLE CO.
COMMERCIAL CATTLE FEEDERS

PHONE 414 P. O. BOX 218 IMPERIAL, CALIF.

Quality Feeds For Greater Yields
WRITE, WIRE OR PHONE FOR FURTHER DETAILS

Peter Friis
HOLLISTER — CALIFORNIA

Herefords

Most of our steers are being fattened with supplement on grass and go direct to slaughter. But we are turning off some mighty good bulls, sired by Benito Donald 18th, Domino Prince 32d and Domino Prince 41st. Big, deep, easy-fleshing Herefords, of course.

Henry A. Peterson
Paicines, California
Mee Ranches BAKERSFIELD FEEDLOT
(Formerly California Land & Cattle Co.)

Contract Cattle Feeding
Specializing in the time-honored formula . . .

Meal and Hulls
With variations to suit owner. Investigate our costs. NEW "production type" mill now under construction—ready for late fall and winter use.

1901 East Brundage Lane - Phone 2-9160
BAKERSFIELD, CALIF.
TOM P. MEE, Vice-Pres. DON ENTZ, Manager.

If you are looking for top Feeder Calves
Keep an open date with the "OPEN-EIGHT"!

For 2 consecutive years—
1949-1950
RESERVE CHAMPION
PEN of FEEDER
CALVES at the COW
PALACE —

and we are still in business
trying to improve on them!

Each year at The Junior Cow Palace Show,
MORE steers are presented carrying the OPEN-EIGHT brand than any other brand.

GEORGE A. SMITH, JR.
Avenal, Kings County, Calif.
CACFA was in the black. The fee was reduced to 10 cents and later to 7 cents. Today it is back at 15 cents, but the figure represents a further reduction in relation to the present-day selling price of cattle.

News Information. From the start the basic principle of the CACFA's successful operation has been the availability of information on selling prices that is available in the association's office to any member. Whenever one of them sells some cattle, his report of prices, buyers and other information goes into the office. These data give every other member a current picture of the daily price situation and are an important factor to cattle producers. Small operators as well as big benefit. They don't tend to work alone, but relate to each other. In other words, the association's office serves as an information clearing house aspect has other advantages, too. It provides buyers and sellers with a ready means of knowing where and when cattle are to be had. Such information throughout the country is available almost on a daily basis. The information is important to both buyers and sellers and is kept in contact with market prices.

Reduced Activities. The CACFA has cut back on its advertising duties, too. For example, in the past it has run a $30,000 advertising campaign in California cities to increase beef consumption. Their slogan was "More Beef for Health." Since then this promotional work has been taken over by national groups, notably the American Meat Institute. The Arizona association has also been active in legislative matters that affect the industry, as well as giving sympathetic support to affiliated groups, such as farmers, cattlegrowers and others.

Much of the CACFA's success in the last 17 years has been due to the sparking it has received from its remarkable secretary, Mrs. Ottis Irene Sims. She helped get the association under way at its original meeting and has since nurtured it along until it has become an influential factor in the economic life of Arizona.

For 17 years she has put the same driving energy into the cattle feeders' affairs that she put into selling bonds during the last war, when she personally sold $3,100,000 worth of bonds.

Such capable leadership and tremendous drive are the basic factors underlying the rapid growth of the association and its increasing influence without the state.

OSC Experiment Station Hires Range Specialist

Dr. Donald W. Hedrick, a former range conservationist for the United States Soil Conservation Service, has been appointed to the staff of the Oregon State college experiment station as an assistant in range management, according to F. E. Price, OSC dean and director of agriculture.

Dr. Hedrick, a graduate of Washington State college, holds advanced degrees from the University of California and Texas A. and M.
Let's Look at

CATTLE SHIPPING

by Railroad

By EARLE G. REED

General Livestock Agent
Union Pacific Railroad Co., Omaha, Neb.

There was a time, a good many years ago, when the movement of cattle to market by railroad constituted a small part of the over-all volume. Those were the days of cattle trailings when Dodge City, San Antonio, Ogallala and Cheyenne were trail centers, and railroads were running and rails beginning far toward the west of the region. Today that era is quite remote. Range grass stimulates eastward movement of range cattle, and range cattle are moved eastward from Kansas, Nebraska, South Dakota and Wyoming each fall.

Less than 100 years later, cattle, transported to many more market areas, move on feedlot areas have doubled and trebled, while movements are fast becoming a thing of the past. Long spreads have been completed or placed. Quick truck movements and loading points and faster rail transportation is 1000 miles or more miles is the rule rather than the exception.

Only in scattered instances are cattle trailled or driven to a market via a railroad loading yard. Likewise, there are very few ranchers and men in the great Western cattle growing areas that are 100 miles or more from a railroad stockyard. Even with the great distances to rail concentration points is 50 to 100 miles on highways and large livestock centers.
GET THEM FAT!

IT PAYS to put your cattle into the better grades before you sell them on the market. Packers are paying a premium for “good” and “choice” grade cattle that warrant proper finishing. We’ll be glad to discuss your feeding program with you. We have the most modern feed mixers and well drained feeding pens. We give each lot our individual attention. Capacity 5,000 head. Write, wire or phone for information as to costs, etc.

BENTON FEED YARDS

Feed yards located 25 miles east of Vernon meat packers on Valley Blvd., Southern Pacific and Union Pacific.

WALNUT, CALIFORNIA

THE FINISH ON YOUR CATTLE IS WHAT COUNTS TODAY

Under present conditions demand for finished cattle in the West is at a new high — Finish yours at Central Valley Feed Yards where experience excels —

Write, wire or phone for further details

CENTRAL VALLEY FEED YARDS INC.

COMMERCIAL CATTLE FEEDERS PHONE 227 IMPERIAL, CALIF.

R. H. CRABTREE, Pres. L. E. HEAD, Sec.-Treas.
Phone Imperial 484 Phone Brawley 375

Section 2, Page 23
Robert Beechinor
AND
Monroe Browne

Invite You

To see and use the fattening facilities
of their new, modern feed yard ... 

BAKERSFIELD CATTLE
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Located 2 miles south of Greenfield and 1 mile West of Highway 99. In the best year-around feeding climate in the West. In the center of major feed production. NEW all steel batch mixing plant. AND plenty of experience in fattening cattle. Still feeding the original Beechinor rations No. 2, No. 6 and No. 12.

•BUY them by name...

or BUY them by brand

A2

You get your money's worth every time! Because there's 40 years of good breeding back of OLIVER'S A2 COMMERCIAL HEREFORDS. Bred for size, smoothness and quick fleshing.

Herman Oliver

JOHN DAY, OREGON

About the Author

Earle G. Reed was among the organizers of the National Livestock Loss Prevention Board—now Livestock Conservation, Inc.—and was chairman of the board for six years, continuing as a member of the executive committee for 20 years. No longer active in an official capacity, he continues as a member representing Union Pacific. He was head of agricultural development and work for the railroad for six years, now has jurisdiction over livestock traffic matters, including shipping and stockyards supervision.

Livestock Trains. In more instances of rail shipping, the time in transit and the number of stops for water and rest have been reduced at a consequent reduction in cost saving to the livestock owner of the cattle. A good example of this is the Union Pacific's famous “DLS” (Daylight Livestock Special), operating daily between Salt Lake City and Los Angeles.

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Tejons

STEERS dependable in the feedlot
HEIFERS superior as breeding stock
BULLS that are uniformly good

PART OF OUR OWN REPLACEMENT HEIFERS

TEJON RANCH CO.

P. O. Box 1560
BAKERSFIELD, CALIFORNIA

Glen W. Cornelius & Sons

OFFICE: Los Angeles Union Stock Yards, Kimball 5251

Stocker, Feeder and Fat Cattle
Bought on Order

GLEN W. CORNELIUS
Solvang 284

G. RAYMOND CORNELIUS
Solvang 4551

ARTHUR R. GEE
DOuglas 7-1790

KENNETH D. CORNELIUS
Solvang 3351

Sect i on 2 , Pag e 25
TIME SAVER—Filling feed troughs at the Gosford yards of the Kern County Land Co. in Bakersfield, Calif., is handled by a specially-built trailer that dumps the fresh-cut feed mixture right into the troughs, saving time and labor. Photo by WLJ

shown by railroad records—in the reduction in losses, especially considering the longer distances that livestock is being moved by rail.

Causes of Losses. The principal causes of losses in shipping cattle, all of which can be improved upon with just a little more care and attention from owners and shippers, are:

1. Overfeeding before shipping.
2. Underfeeding during the transit.
3. Overexercising and excitement while shipping.

Handle cattle carefully, slowly, without exciting them. This puts them in better condition and less loss at market weighing time.

3. Overcrowding in cars (and pens, too) is one of the greatest causes of mortality, crippling, and broken transit, and one of the easiest to correct.

Trailer Car Rule. Some time ago railroads put into effect the automatic trailer car rule. Under which every shipper if the total freight placed on the car at destination figures out cheaper than a carload, hence the shipper is encouraged to load his cattle with more cars in each car and less overcrowding.

The automatic trailer car rule has evolved with the result that much less overcrowding is now evident in cattle shipments. Losses of cattle have likewise shown a reduction.

Shipping cattle much longer distances by rail in 1901 is quicker, much less of a job and proportionately less costly than it was in 1901. Livestock shipping has come a long way in 50 years.
AND COMMERCIAL CATTLE FEEDING

J. G. BOSWELL COMPANY

And NOW . . .

a spanking NEW 25-30 ton-per-hour BATCH MIX MILL to make BOSWELL cattle feeding service even better.

Old customers and new benefit from this latest BOSWELL improvement. Get, too, the advantage of comparatively low cost rations because we produce practically everything we feed. And BOSWELL feeding is backed by a quarter-century experience in building feeds and fattening cattle.

Home Office—LOS ANGELES, CALIF. Feed Lots—CORCORAN, CALIF.

Phone Corcoran No. 1, or see Feedlot Manager Bob McMicken

Manufacturers of Protein Feed Cottonseed Products

FEED FOR QUALITY BEEF

WHERE YOUR CATTLE ARE . . .

- FED CAREFULLY PREPARED RATIONS
- RECEIVE PERSONAL SUPERVISION
- IN MODERN FACILITIES
- LIVE IN AN IDEAL CLIMATE

- WE CAN ACCEPT YOUR CATTLE NOW -

. . . PUT YOUR CATTLE WHERE FEED MAKES FAT . . .

GILBERT BROWN

NAPA, CALIF.

For Space Reservations
Phone 67597
Res. Phone 63562
WIRE . . . WRITE
It pays - -

- to finish your steers to a choice slaughter grade.
- We have facilities for doing the job.
- Contact us on your feeding problems.

McDOUGAL LIVESTOCK COMPANY
Phone: Rio Vista 295
COLLINSVILLE • CALIFORNIA

Stockton
UNION STOCK YARDS

Growing, centrally located livestock marketing point.

Visit us. See the good facilities.
Get full information on how those facilities and market experts regularly working here stand ready to serve you in buying or selling fat and feeder livestock.

Stockton — California

FEEDER CATTLE REPORT
Continued from Page 11

yearlings and 2-year-old steers were left, most of them from sold. We have had some there and I think maybe enough grass and our people will try to this cattle. There have been few calf contracts as growers and it seems to be in hot water, not to offer and the other afraid to. All we hear about is inflation. If these damn fools in Wall would let us alone and stop this inflation spending they might have this inflation instead of feeding flames.”

ERROL F. GALT, First National Bank, Great Falls, Mont. “Cattleulation is somewhat larger and now still some modest expansion in stock. Offerings of calves, and twos will be about the same last year. Contracting for future is very light.

“Buyers are bidding $36 to $37 for steer calves, with asking prices $40. A few sales at $34 to $37 up to $40. Some heifer calves have been sold at $32 to $35, yearlings at $34, twos at $36 to $38.

“Grass conditions are excellent, best in years except hay is short in spots.

“I look for somewhat lower prices when our cattle move in volume and be from Sept. 15 to Nov. 1. Expect present level in prices to be maintained generally.”

NORMAN BROWN, Smith, Nev. “Most of the cattlemen in the area have their own herds and neither nor sell many feeder cattle. Prices continue up or remain at high levels. It is said that the cattle will be sold to outside markets in preference to buying cattle or lambs. We live on one man who feeds 600 to 700 and usually buys Montana and he backs away at $32 for quality Hereford yearlings.

“I believe cattle numbers in Nevada are down from last year. Grass is better on ranges and pastures but there is less hay now than last year; favorable growing weather in September could make plenty of hay.

“Without government interference, cattle prices would not be surprised to see stable cattle market at about the same prices or perhaps a little lower for new calves.

HARRY HOOKER, Reno, Nev. “Not much change in cattle prices and offerings of calves and yearlings this fall will be about normal. This fall has been very little contract buying this year and there is only one sale that I know of. I have a few heifer and steer calves, and it is better than last year. Cattle prices to hold steady.

E. S. GARDNER, St. George, Utah. “As a general rule, feed is better very good in some places and prices are not as high as others. Our cattle numbers are fewer than last year, and we have fewer cattle to sell. There is a desire put females back into breeding.”

Page 28, Section 2
OLPIEN'S BUYERS OF FEEDER AT ALL TIMES

Also contract feeders with abundant feeds, locally produced.

In easy reach of every California slaughtering point.

H. Colpien & Son, Tulare, Calif.

Biaggini's

COMMERCIAL & REGISTERED ANGUS

Producing around 250 highest quality commercial Angus annually, and a substantial number of registered bulls and females.

NOW FOR SALE: WEANER BULL CALVES

The practical, thick, heavy, good-doing Angus.

San Jeronimo Ranch

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FAT AND FEEDER CATTLE
COMMERCIAL FEED LOT
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Nite Phone 3277

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HOLLISTER, CALIFORNIA

Commercial and Registered Aberdeen-Angus with Scale and Quality
We are consigning one very good bull to the Santa Clara County Range Bull Sale, Nov. 17.

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Albert C. Hansen & Son
COMMERCIAL HEREFORD CATTLE

Keep us in mind for your future needs in feeders and in commercial Hereford foundation breeding stock. Producing now from: 700 head of high quality grade breeding cows . .., 200 head of yearling heifers to start calving in December, bred to Angus bulls from O. V. Battles . . . Small purebred herd founded with H. Clay Daulton stock to supply top bulls for our own grade cattle. Hansen cow range at Metz, Monterey County; summer Ladino Clover pasture at Salinas; steer range at Bitterwater, San Benito County.
P. 0. Box 269
SALINAS, CALIFORNIA

Feeders' Day—
Washington State College
Schedules Annual Event

The program for the annual Feeders' Day at the Washington State College, Oct. 1-2, was announced recently by Dr. M. E. Elinger, chairman of the department of animal husbandry at WSC.

The type conference will be held at the WSC livestock pavilion, starting at 10 a.m., October 1, with a discussion on beef grades—on the hoof and on the hook. At 10:30 Walter Galgan of the animal husbandry staff and C. M. Kyd, extension livestock specialist, will discuss progeny testing of cattle.

Dr. R. T. Clark, Denver, national coordinator of beef cattle research of the USDA, will discuss dwarf cattle at 11:20, together with its care and the methods of purging.

Lunch will be served by the Lumber Club at noon.

The afternoon program will conclude with the judging of Hereford, Angus and Shorthorn steers and heifers by representatives of the respective breed associations.

The feeders' day annual open house, when the department displays research work of the year, starts at 9 a.m. Oct. 2. The entire forenoon will be devoted to a tour of the WSC stock establishment, together with short discussions of various experiments during stops along the way.

Feeding Discussion. Included on the tour will be discussions on the feeding of salt-protein mixtures in range cattle, performance tests on beef cattle, fattening steers on pasture, aluminum vs. wood exteriors for cow barns, carcass quality of corn-fed barley-fed hogs, pelleting feed for hogs.

Other experiments to be discussed during the tour are the full vs. feeding of swine, as it affects selection; a comparison of yellow, green, black peas for hogs, Landrace and White crossbreeding of hogs, WSC sheep center, breeds of open-faced vs. wool-blend Hamp- shire rams, calcium and phosphorus, increasing milk production in ewes, urinary calculi (kidney stones) in sheep.

Other tour stops will concern feeders, wethers and barrows, breeding cattle in exhibits and contents of flocks.

At noon a barbecue sponsored by the Whitman County Cattlemen's Association will be held in the livestock pavilion.

Applied Research. During the afternoon visitors will hear a discussion on applying research to the meat market by Dr. B. E. Robinson, vice-president of the Cattlemen's Company, Chicago; Grassland agriculture in the south by Dr. A. X. Waren- ture, regional coordinator of beef and sheep breeding, University of Texas.
more raw material to industry than he did in 1900.

The 1950 census shows a national population of over 150 million people, 19,000,000 more than 1940. American farmers have been able to step up production to more than meet domestic demand. Much of this progress results from years of agricultural research at state experiment stations or through cooperative projects between stations and the department of agriculture.

This marshaling of scientific knowledge for practical use on farms has become the key to increased production. Highly trained technical personnel are closely associated with the extension workers, to whom farmers come with specific problems, and through whom new practices are brought to farmers.

The colleges of agriculture, state experiment stations, and the USDA are studying almost every major farming problem.

USDA reports point out the development of high-yielding, disease-resistant crops by state experiment stations and USDA scientists. Tremendous progress has been made in plant breeding, and just within the last 50 years the first scientist subjected plants to epidemic disease in order to select disease-resistant varieties. Flaxseed, estimated at 25,000,000 bushels in 1948, was grown from parent material originally produced by the same man. That year's harvest of wilt-resistant flax at $5 per bushel, meant $125,000,000 for American agriculture and industry.

**PHONES**

EL CENTRO 1986 J
EL CENTRO 564 W

**JACKSON RANCH FEED MILL**

**COMMERCIAL FEEDING**

P.O. BOX 78
EL CENTRO, CALIF.

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**Compare these figures...**

<table>
<thead>
<tr>
<th>Breed and Sex</th>
<th>Average Daily Gain (lb)</th>
<th>Meal for Protein Supplement</th>
<th>Days on Ratio lb. Feed</th>
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<tr>
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<td>9.7 to 1</td>
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<tr>
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<td>2.53</td>
<td>71</td>
<td>11.7 to 1</td>
<td></td>
</tr>
</tbody>
</table>

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**and services**

- Deep, cool well water
- Pastures available
- Competitive feed prices
- 24-hour experienced cattle supervision
- Ideal winter desert feeding conditions with shade for summer feeding
- Main line railroads and truck facilities
- Dry feedlots year-round
- Feed mixed and fed fresh daily

**COACHELLA VALLEY FEED YARDS**

Phone 144 or 30
Raised under sound practical range conditions — WHR Herefords help produce the most BEEF for sound practical cattlemen.

everyWHRe you go.

An every day range scene at WHR.

Back in Kansas, at the National Hereford Congress, in Salina in June, one of the important phases of these meetings was devoted to BEEF production. This brought together some of the best known feeder buyers and producers in the business. Several of these feeder operators told me there they urge their producers to use WHR bulls, and they back their judgment, paying more money for top feeders of this kind.

Use WHR bulls for top results

Wyoming Hereford Ranch

Cheyenne, Wyo.
We have a modern building, housing office, restaurant and sales ring. Our sales ring is one of the best and is properly cooled and heated for your comfort. If you are looking for stocker or feeder cattle, contact us, as all indications point toward exceptionally heavy consignments this fall and early winter. Our sale is held every Thursday, starting at 1 P.M.

In addition to our auction yards we have custom feed pens to accommodate 6000 head and are in the process of constructing 30 additional pens. We are equipped to give you quality service, be it one head or several thousand.

We carry a complete line of veterinary supplies and equipment. We are equipped to brand, castrate, dehorn or perform any service you may wish.

Our yards are located on the main line of the Southern Pacific. We have our own R.R. yards and unloading docks for both rail and trucks.

Shippers please note—Livestock transit privileges effecting feeding, sorting, consolidation and change of ownership and reshipment of livestock in transit at Casa Grande Livestock Co., were granted by the Southern Pacific Co., May 20, 1951. Please contact us for details.

Casa Grande Livestock Co.

LOYD FLETCHER
BOX 1295
CASA GRANDE, ARIZONA
PHONE 3612
PETE GILLHAM

FOR IMMEDIATE SALE

120 good young Wyoming commercial Hereford cows
Bred for spring calving. Too good to go to the feeder and butcher. Excellent foundation or herd improvement material.

ALSO

30 registered Hereford bull calves
Sired by RS ULTRA ROYAL 14th, our linebred son of the $25,000 WHR Double Princeps.

O'Neil Ranches
BIG PINEY, WYO.

BOB O'NEIL
T. D. O'NEIL III
It's Your Gain—
Add Pounds to Your Beef Production
By Disease Control, Improved Feed

By DR. H. F. WILKINS
Montana State Veterinarian

In the over-all picture of beef production, losses sustained from disease, poisons, poor and inadequate feed, poor management, loss due to bruising and general inescapable misfortune, are staggering.

Naturally, being aware of the tremendous and unnecessary loss caused by preventable diseases, I will briefly point out some measures which, if followed, will greatly increase the efficiency of most livestock operations. First, avert preventable diseases by following and using known accepted sound practices. The following suggestions are practical, timely and worthy of consideration by Western cattlemen:

BLACKLEG
Vaccinate all calves against blackleg. If calves are vaccinated when very young, they should be revaccinated in the fall. In some areas it may be advisable to vaccinate with the combination blackleg and malignant edema vaccine. Every calf on every ranch should be vaccinated. It is unbelievable the number of cattlemen who do not vaccinate and the number of calves and cattle lost each year, principally because of this failure to vaccinate, or re-vaccinate.

SHIPPING FEVER
Prevent losses from pneumonia, shipping fever, hemorrhagic septicemia, or by whatever name you know it, by good management practices, possibly supplemented by vaccination.

Acclimate calves to hay prior to weaning if possible. The change from grass and milk to hay will not be such a shock and shrinkage due to weaning will be greatly lessened.

Take calves from cows when weather conditions are favorable and move them (preferably by cleaned and disinfected trucks if any appreciable distance is involved) to good weaning pens or pasture.

About 10 days before weaning, vaccinate calves with a Pasteurella (hemorrhagic septicemia) or mixed shipping fever bacterin or a mixed shipping fever and blackleg vaccine, if blackleg vaccination or revaccination is indicated.

If maximum protection is desired (and it usually is) revaccinate with a second dose of shipping fever in 10 to 14 days, or at weaning.

BRUCELLOSIS
Vaccinate all heifers, preferentially from 6 to 12 months of age, vaccinating before an abortion occurs and continue to vaccinate with each interruption until brucellosis is eradicated.

Test your herd, whether pure grade, farm or range, preferably in the fall, regardless of whether brucellosis is suspected.

Handle your herd in the manner agreed upon by you and your veterinarian after the results of your known, and other factors have been discussed.

Buy only vaccinated replacements under three years of age, as the much safer than negative cows with unknown history, or if this cannot be done, buy negative breeding stock that clean herds which have not been exposed to infected trucks, cars, or herds.

COCCIDIOSIS
Coccidiosis is one of our most costly diseases of young cattle, especially weaner calves during their first winter. It is due to a microscopic protozoan parasite in the digestive tract which is picked up with feed or water and contaminated with fecal material from infected cattle. Characteristic symptoms include vomiting, diarrhea, weight loss, and death.
CALF MORTALITY

Greatest loss is sustained during infancy so every effort should be made to eradicate those diseases and eliminate those conditions predisposing to calf mortality.

1) Eliminate brucellosis.
2) Protect the newborn calves from gross exposure to virulent barnyard infections. Good sanitary practices usually pay for the effort expended.
3) When losses first occur, have a diagnosis made—preferably with laboratory assistance.
4) Be prepared to treat, or have treated, the first sick calves (whether it be pneumonia, diarrhea or other condition) so that a satisfactory treatment may be found before excessive losses have been sustained. New or complicated infections are constantly occurring so that remedies which were previously satisfactory, for what appears to be the same condition, may not now be of any appreciable value.
5) Feed cows properly by supplementing feed

AT AUCTION

4700 THRIFTY HEREFORD CATTLE
from
WHITE MOUNTAIN APACHE RANGES

For particulars, write— FORT APACHE INDIAN AGENCY
Whiteriver, Arizona
### CATTLE ON FEED IN WESTERN STATES

The following table shows the scope of the cattle feeding industry in western states as of Jan. 1, 1951, with comparisons:

<table>
<thead>
<tr>
<th></th>
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<td>299,000</td>
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<tr>
<td><strong>Total</strong></td>
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<td><strong>911,000</strong></td>
<td><strong>1,037,000</strong></td>
<td><strong>892,000</strong></td>
<td><strong>800,000</strong></td>
<td><strong>793,000</strong></td>
</tr>
</tbody>
</table>

menting local feeds, when such feeds are deficient or inadequate in themselves to maintain the dam in vigorous condition. It has been observed that a very small amount of grain, pellets or mixed feed will materially enhance the nutritional value of some feeds.

### LOSSES FROM POISONING

Many animals die each year from poisonous plants and chemical poisons of various kinds, principally through carelessness or failure to use available information. Most losses from poisonous plants can be minimized by a knowledge of the common poisonous plants, the time of year and the conditions under which they are most dangerous, and by avoiding questionable ranges at these times. It should also be remembered that some plants are poisonous to some species of livestock and not to others, or much less so, and that many plants are poisonous only at certain times and under peculiar or unusual conditions.

Losses from the common chemical poisons constantly occur and in many instances from poisons which were carefully stored away 20 or more years ago. Many losses have been found to be due to arsenic, lead, strychnine and mercury as a result of the animals' eating old grasshopper poison, weeds and grass which have been sprayed to destroy the weeds, licking old paint buckets, batteries and painted fences and by consuming poisoned oats or Ceresan-treated, or other similarly treated grains.

Protect livestock from poisonous plants by making sure all stocks of poisons used for the destruction of pests are put out under official supervision and that all unused portions are disposed of in such a way that animals will never have access to them.

## CULLING HERDS

Cull herds and retain replacements, taking into consideration the following:

- Keep the largest and most desirable heifers, as they are usually the calving producers and the heifers which are good milkers. (A culling of heifers will eliminate a percentage of those which are not desirable to the owner.)

Sell brucellosis reactors which do not disrupt the carrying capacity of the ranch.

Sell dry cows for many times what they are infected with brucellosis and are not likely to be worth more than their shipping time.

Sell all cattle affected with neurological diseases such as foot-and-mouth disease.

When using a new plant in a neighborhood, it is very important to have a knowledge of the poisonous plants of the area and the offspring from such plants. For example: cattle which are always kept on fresh grass are less susceptible to the poisoning yellos.

## EUREKA RANCH

That's right! The Eurekas' calves are proved in the feedlot. Bred to feed fast and top markets. You can depend on calves bearing the Bar XL brand.

EUREKA RANCH

MRS. ALLERTON CUSHMAN, OWNER

Address correspondence to the management—L. W. Davis, Western Farm Management Company 801 North First Avenue, Phoenix, Arizona


**"Give me the Eureka calves. They'll really feed out!"**
Chemical engineers do not properly utilize their feed.

USDA SUGGESTIONS

The following suggestions appear in the USDA bulletin "More Meat for Less Money" under the caption "Farmers Can Help by spacing and dieting." They are carried into constant practice, to the great increase of the ability, measures for saving feed and disease control—not alone in the control of feedlots and in combating the spread of diseases where crowded animals are kept but in the control of those that carry increased hazards.

It is best that foundation animals are healthy by bringing in only replacements that have been tested or quarantined for a few days after getting them to mingle with the herd so as to prevent the introduction of disease to a veterinarian or livestock sanitary official and obtaining immediate diagnosis.

You can depend upon DENNIS commercial Herefords for quality, type and ability to grow out and make money.

We don't grow them all this big

BUT...

Wilbur Dennis, Ducor, Calif.
ANOTHER CHAMPION CARLOAD

With That Dependable ORO Brand of Uniformity

Champion Carload Feeder Calves 1951 Phoenix Show

This good group of calves raised in Arizona are typical of the quality of commercial cattle you can expect from our foundation. These had an average weight of 450 lb. They sold to Archie Rooks, Buckeye, Ariz., at $42.75 per cwt.

Commercial cattle carrying the ORO brand have been giving service and satisfaction for many years to feedlot buyers and commercial cow and heifer ranch operators. Uniformity in size, quality and ability to gain make them consistent profit makers and take the eye of buyers like the good calves pictured above.

There is a good reason why these cattle give satisfaction and we believe a great deal of it comes from our registered Hereford foundation at our San Rafael Ranch at Patagonia, Ariz., where we raise herd bulls for our use as well as for other prominent ranch operators.

A high percentage of our commercial cattle, Arizona raised at our Seligman ranch, are marketed through our California ranches in the San Joaquin Valley. Make a note today in your memorandum book to see some of these cattle when you need replacements.

• Remember Too - We Raise RO Quarter Horses

You can depend on the same uniformity and ability in our RO Quarter Horses you get in our cattle, for both are raised to do a job. Our horses are used by us for real ranch work and they will do the job for you too. Come see them at our California ranches. We have brood mares and young stock for sale now.

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Baca Float Ranch
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Producers and finishers

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BREEDING determines how good an animal can be, but...

FEEDING largely determines how good that animal will be!

With beef cattle, dairy cattle, horses, hogs, sheep, goats, chickens, turkeys, and rabbits, more major-show Grand Champions and World Champions have been raised and fitted with Calf Manna, during the past 16 years, than any other commercial product. Surely such an imposing record deserves your investigation.

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the age-dated beer
Experiments on typical meadows throughout the area show that forage production can be increased by proper management. Fertilizing with commercial plant foods, reseeding and water control are the most important steps required. Fertilization alone more than doubled the forage on some meadows.

Read what livestock journals have to say about the use of plant foods on pastures and meadows. They report big dollar returns from the extra pounds of meat they get. Swift's Red Steer Pasture Special is made to help you get these important benefits. It is particularly effective on irrigated pastures.

Chemically hitched

Red Steer is made by Swift's new process which chemically hitches all growth elements in the analysis in each tiny granule, for it combines complete mechanical mixing with complete chemical processing. This means every bit of sod gets uniform nourishment to balance natural nutrients in your soil. As a result, your grass grows better to provide extra forage for more head per acre.

Swift's Red Steer offers definite advantages. It is easy to handle, flows through your machines readily, and stores well. No trouble with bridging, lumping or caking. And most important — the growth elements do not separate out as your machines joggle over the field.

Blenk and Brimm are Swift's specialized crop makers, with fortified growth elements for high income crops.

Ask your Authorized Swift Agent or dealer about Blenk or Brimm

Made by New Process.

Buy at the sign of the Red Steer
RAINS gave pastures and ranges a greatly needed boost in many sections of the Western range country. The late and heavy rains were especially beneficial in Arizona and New Mexico. The moisture will enable many a cowman to carry his breeding herd through the winter; may result in more heifer calves going back into breeding herds and thus reduce the number of weaner calves offered for sale.

ESTIMATES OF A 90 MILLION CATTLE POPULATION in the United States are giving many a stockman food for thought. The big increase in cattle inventories will be seen in beef herds rather than dairy herds. Undoubtedly, the generally accepted increase in cattle population will be reflected in increased beef tonnage in 1952 and in the years to follow. As long as the present inflationary boom continues, it seems likely that there will be plenty of consumer dollars available for increased beef offered at retail markets.

THERE HAS BEEN a revolution in management of cattle ranches, making it possible for many operators to carry greater numbers of cattle, even though fewer cattle generally are being carried on public grazing lands. Irrigated pastures have given many operators vastly greater carrying capacity. Then there is the growing practice of supplemental feeding. For a cost of about a dollar a month during the dry grass season, Will King of Arizona says the average calf crop has been boosted from 65% to 85 and 90%, even in dry years. He, like many Arizona cattlemen, feeds a salt and meal mixture as a supplement.

STRANGELY ENOUGH, while everyone in the meat and livestock business expresses belief that a substantial increase in beef tonnage can be marketed without seriously impairing the price structure, the hog growers have had different experience. Never before in all history has there been such a wide price spread between beef cattle and hog prices. Perhaps the country can absorb substantially more beef per capita, without price concessions, but it is apparent that the meat trade has had to offer lower prices in order to move the substantially increased pork tonnage.

INCREASED CATTLE FEEDING promises to be a drain on available supplies of grain feeds, especially in view of the fact that virtually every cattle feeder will attempt to finish his animals sufficiently to put steers and heifers into the "choice" government grade. Cattle feeders in the Far Western states have added 30 to 60 days onto the period cattle are in feedlots so that their graduates can meet government grading, which is tied into OPS price ceilings. This takes a lot more grain. The big cotton crop should provide an ample supply of high protein feeds in the form of cottonseed meal.
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Protect cattle or other livestock...store hay or feed in an adaptable, economical Butler Steel Ranch Building.

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Keep valuable equipment safe from weather...and use part of your Butler Building as a tool and repair shop.

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A Butler Building provides ample room for family cars, trucks, tractors. Usable as a combination garage and implement shed.

Yes, there are dozens of ways a new, low cost Butler Building can be put to work on your ranch! Butler Steel Buildings are permanent, fire-safe...quickly erected for long-life, all-purpose service. Initial cost is low, and you can forget upkeep expense.

Butler Buildings come in many sizes and types widths: 20', 24', 28', 32', 36', 40'—any length desired. Some especially adapted for bulk grain storage.

By BOB SKAU

THERE has been a rather radical change in the undertone and the general feeling in the livestock market in the last 30 days with the optimists taking over from the pessimists. The change in the feeling in the trade came shortly after Congress passed the new defense bill which ended governmental controls and had more or less hampered the livestock markets. Another assist to better price levels in the market was the seasonal light supply that arrived at all points.

With slaughter quotas knocked out under the defense control bill packers again bought livestock in volume to meet the demand. Government demand for meats was strong as the market opened and there was a fair retail trade so that all classes of livestock moved actively at firm rates. A slight decline developed thereafter and for a while some classes of meats, beef in particular, sold under ceiling levels. However, the condition was of short duration and at the close of August meat demand was good and livestock prices were edging higher.

Another major item in the new defense act was that further rollbacks on beef and cattle were killed out. The stopped Price Stabilizer Disposal program reducing beef prices by 4½% on Aug. 1 and banned a similar reduction set for Oct. 1. This action, coupled with the end of quotas, did much to improve not only the feeling in the cattle market but in the entire livestock trade.

While these were two very favorable moves it appears that the administration has not yet given up on further controls for the industry. There is still a move under way to retain a lot of control in the form of quotas and the price stabilization program threatened to put ceiling prices and limit sales of live cattle.

Replacement Trade Active. But despite the combination of good news the trading in replacement live stock was greatly revived after having been in the doldrums during most of the late spring and summer. Buyers and sellers of feeder cattle and hogs, and livestock were far apart in their price ideas for awhile, but gradually the prices got together and a lot of trading took place.

BUTLER MANUFACTURING COMPANY

WL 29, Richmond, Calif.

Bob Skau

Kansas City, Mo., Galesburg, Ill., Birmingham, Ala., Minneapolis, Minn.
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You start the engine, slip the control lever to "Drive," and your "work" is done! Just press the accelerator to go, press the brake pedal to stop!

There's no clutch pedal... nothing to do with your hands but steer the car!

In less time than it takes to tell, you're the complete master of this thrilling new way to drive... this set velocity that provides a smooth, unbroken flow of power at all speed ranges.

For Powerglide is something special... special 105-h.p. engine, special EconoMiser rear axle and extra-special automatic transmission.

It's waiting for you at your dealer's, now! Chevrolet Division of General Motors, Detroit 2, Michigan

*Combination of Powerglide automatic transmission and 105-h.p. V-8 engine optional on De Luxe models at extra cost.

MORE PEOPLE BUY CHEVROLETs THAN ANY OTHER CAR!
THE NAME GIVES LOTS OF FOLKS THE WRONG IDEA, DANNY. ACTUALLY, SHIPPING FEVER MAY SHOW UP AFTER ANY UPSET IN ROUTINE.

THINGS LIKE BAD WEATHER?

YEP, DANNY... ANY ADVERSE CONDITION LOWERS AN ANIMAL'S RESISTANCE AND MAY BRING ON SHIPPING FEVER. AND THERE'LL BE A LOT OF UPSETS IN THE NEXT FEW MONTHS WHEN WE BRAND AND DEHORN.

WHAT CAUSES THE DISEASE?

THERE'S A SHIPPING FEVER CASE OVER AT BROWN'S RANCH. I THOUGHT DANNY MIGHT LIKE TO GO OVER WITH ME.

SURE WOULD, DOC. I'D LIKE TO KNOW MORE ABOUT THE DISEASE.

KNOWING ABOUT THIS DISEASE IS IMPORTANT TO YOU. WHY DON'T YOU WRITE THE CUTTER PEOPLE IN BERKELEY, CALIFORNIA. THEY'LL SEND YOU A FREE QUESTION AND ANSWER BOOKLET THAT CAN HELP A LOT.

THEY'RE NOT SURE, DANNY... IN THIS AREA IT SEEMS TO BE A GROUP OF DIFFERENT TYPES OF ORGANISMS, THAT'S WHY WE USE A MIXED BACTERIN CALLED PELMENAL TO VACCINATE AGAINST THE DISEASE. IN OTHER PLACES IT SEEMS TO BE JUST ONE GROUP OF ORGANISMS SO THEY USE HEMSEPTOL. HERE COMES DOC. HE'LL TELL YOU MORE.

HOW COME THE BROWNS DON'T VACCINATE FOR SHIPPING FEVER, DOC?

WITH ONLY A FEW HEAD THEY CAN KEEP A CLOSE WATCH. UNDER SUCH CONDITIONS PENICILLIN AND SULFA WILL USUALLY PULL AN ANIMAL THROUGH, BUT ON YOUR RANCH YOU WOULDN'T SPOT AN ANIMAL SOON ENOUGH, SO YOUR DAD VACCINATES AHEAD OF TIME.

WAY COME THE BROWNS DON'T VACCINATE FOR SHIPPING FEVER, DOC?

NOTICE HOW HE STANDS WITH TWO LEGS WIDE APART. HE'S RUNNING A FEVER AND LOST HIS APETITE. YOU CAN SEE HE'S HAVING DIFFICULTY IN BREATHING, TOO.

"Doc's" clients guard against shipping fever losses by vaccination at least 10 days before expected upsets in routine... with these field-proved Cutter Alhydrox® adsorbed vaccines—

PELMENAL®—A mixed bacterin prepared from the organisms of the Pasteurella group plus other organisms often associated in pulmonary type infections.

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In the last ten years production methods on the farm have been tremendously speeded by the use of modern machinery. Many crops are now harvested in days instead of weeks. This stepped-up productivity has emphasized the need for farm service buildings that are more functional—buildings which are efficient production tools—which supplement machinery in increasing the production of both crops and animals.

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See your dealer or mail coupon today!
The Pillsbury 4X FEED CLUB by JOHN D. MARTIN

"Doubled Our Rate of Gain with Pillsbury's BEST HOG FEEDS WITH MYCINS" reports Anchor Serum Company

The "world's largest serum plant" doubled the rate of gain of their hogs after switching to Pillsbury's Best Hog Feeds with "MYCINS." Former average daily weight gains were 1/2 to 1/8 lb. With Pillsbury's Best, gains are 1 to 1.1 lb.

At the Anchor Serum Company, Pillsbury's Best Hog Feeds get their most severe and dramatic test. In the production of anti-hog cholera serum, hogs must attain top weight and condition in a limited time before they are brought into the plant. Flush growth and weight gains mean more blood. Better condition gives the hogs more endurance and resistance. Full and heavy feedings with Pillsbury's Best Hog Feeds with "MYCINS" do the job.

"MYCINS" are Pillsbury's special, tested combination of antibiotics that fight "unfriendly" bacteria in the digestive systems of hogs and poultry. These "MYCINS," added to Pillsbury's Best Feeds, promote better growth, thrift and faster finish.

80,000 HOGS

The Anchor Serum Company of St. Joseph, Missouri, knows whereof it speaks. This plant processes about 80,000 hogs a year. Feeder pigs are bought at 5 to 7.5 lb. They are fed on company farms with Pillsbury's Best Hog Feeds for a period specified by the government. Then they are brought into the plant. Flush growth and weight gains mean more blood. Better condition gives the hogs more endurance and resistance. Full and heavy feedings with Pillsbury's Best Hog Feeds with "MYCINS" do the job.

"MYCINS" are Pillsbury's special, tested combination of antibiotics that fight "unfriendly" bacteria in the digestive systems of hogs and poultry. These "MYCINS," added to Pillsbury's Best Feeds, promote better growth, thrift and faster finish.

Brucellosis and Beef DON'T MIX

RANGE CATTLEMEN who discover brucellosis in their herds usually have fewer infected animals than dairymen do, because range cattle aren't crowded together in a barn, where infection spreads easily. And range men usually can knock out the disease more easily, too — often in one year.

Do this—

VACCINATE... all your calves. You can get them all at once if they were born within a two- or three-month period. Some states furnish vaccine to authorized veterinarians.

BLOOD-TEST... breeding stock. If you don't, you can't prove when you've licked the disease.

SHIP OUT... infected stock. Most Far West states (not California) offer an indemnity payment. This "combination punch" takes more hours of work, but fewer months of work, than just vaccinating, or just culling.

ATTENTION Grain Feeders:

NEW AND DIFFERENT Pillsbury's Best Mix-Grain Ration is the answer to many a cattlemen's and hog raiser's (and poultryman's and dairyma-n's) grain feeding problems. In pelleted form, it combines clean ground whole grains and added minerals, for real results at low cost. Check up on this truly outstanding new feed. Your Pillsbury's Best Feed dealer has the facts for you.
fertilize your pasture with SHELL NH₃

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Shell NH₃ contains 75% more nitrogen than any other kind of fertilizer. Makes heavier pasture growth, so you carry more animals per acre...get a greater gain per head per day

Convenient? Shell NH₃ goes right into your irrigation water  

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Just call your Shell NH₃ Agent when you're ready!

You'll find his number in the "Fertilizers" section of your Phone Book
Safest! Fastest! Easiest to operate!

Completely restrains any size animal from yearling heifer to the toughest range steer. Does it with absolute safety for both the animal and the operator. NO levers! NO protruding mechanisms! Nothing to get hurt on! Rope "pulls" control entire operation. One man easily catches, holds, and treats animals without help. OR, with a crew, handles more head per hour, safer and easier. Tubular steel construction provides greater strength with less weight, construction that animals can’t damage; yet, it’s light enough to toss on a pick-up truck and move from job to job.

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

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CATTLEMEN and other producers could be heading into a period of reduced profits, despite their successful battle against a rigid controls law.

Farm prices, including livestock prices, are not expected to change much in coming weeks. Meanwhile, however, price of labor, materials, and supplies are likely to go up.

Ironically, it is a provision in the new controls law itself that could put the squeeze on livestock producers. An amendment to the law, suggested by Senator Capehart, Indiana Republican, tossed into the legislative hopper in the closing hours of debate, provides a cost-plus provision for business.

This gimmick, intended to curry favor with industry, could increase the cost of industrial items purchased by farmers from 5 to 8%. Defense Mobilizer Charles Wilson, in predicting more inflation, foresees a $1 billion to $16 billion increase in living costs. The Capehart amendment, he says, will be primarily responsible.

Farm and business groups here who fought hard against Administration moves for tight controls, are now in a big sweat over the prospect of more inflation. Congressmen who discussed Administration inflation predictions as scare talk now see signs of "inflationary price pressures."

A recent Congressional Joint Economic Committee staff report forecasts rising prices, more inflation, and three years of federal deficits.

Although the Agriculture Department predicts "no material weakness in cattle prices," increased production costs would cut margins for cattlemen. Prices of some grades of cattle are expected to drop below buying this fall.

OTHER TRENDS and reports indicate that farmers are heading for a period of lower profit.

Despite the tragic floods, USDA's latest estimates point to a year of record production, even higher than the peak year of 1949. Crops will account for most of the gains, but livestock production also will be up somewhat.

The favorable production outlook in Western Livestock Journal

Page 12
It Costs Less to Prevent than to Treat
ANTHRAX · MALIGNANT EDEMA · BLACKLEG
SHIPPING FEVER

Early, Effective Vaccination Gives Best Protection
Against Dangerous, Preventable Diseases

Treatment of animals stricken by such diseases as anthrax, blackleg, malignant edema and shipping fever is costly and often of little or no value. Get protection against future losses by timely, effective vaccination with Lederle's easy-to-use, low-cost biologicals. Lederle bacterins give animals maximum protection with minimum effort, time, and expense.

For safe, reliable livestock vaccination:

CLOSTRIDIIUM CHAUVEI-SEPTICUS PASTEURELLA BACTERIN (Alum-Precipitated) Tri-Bac® Lederle, a triple purpose bacterin, provides protection against blackleg, malignant edema and shipping fever.

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BLACKLEG BACTERIN (Alum-Precipitated) Lederle protects against uncomplicated blackleg in cattle, sheep and goats.

ANTHRAX SPORE VACCINE NO. 3 (CARBOZOO®) Lederle protects against anthrax in cattle.

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Lederle veterinary biologicals are quality biologicals. Each vaccine, bacterin, serum or antigen must meet the same high standards of safety, sterility and uniformity that are present in Lederle biologicals for human use.

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

*Lederle veterinary biologicals are quality biologicals. Each vaccine, bacterin, serum or antigen must meet the same high standards of safety, sterility and uniformity that are present in Lederle biologicals for human use. *Reg. U. S. Pat. Off.
Control Livestock Pests with "Tailor-Made" ORTHO Products (containing Lindane and other new organic insecticides) concentrated to save you money*

ORTHO 1038 may be applied full strength in open wounds caused by shearing, branding, dehorning, castrating, etc., or to novel cord of newborn animals as shown above.

Why ORTHO 1038 is your best Screw Worm Control:
- Penetrating effect drives Screw Worms from wounds — then kills them.
- Easy to apply — quick acting.
- Protects against reinfestation from 5 to 7 days. (Users have found that but for a few exceptions, they have no Screw Worm trouble after the first treatment.)
- Leaves clean wound that heals quickly with soft dry scab. Non-staining — no objectionable odor.

ORTHIO 1038 Worm Control, ORTHO EQ 335 (a smear)

Horn flies, stable flies, house flies, fleas and mosquitoes
ISOTOX Lindane Sprays, ISOTOX Dairy Spray

Mange on cattle, hogs and sheep
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Lice and ticks on livestock
ORTHIO Healthy Herd Wetable Powder or ORTHIO Herd Insect Spray

Poultry lice
ORTHIO Roost Paint

*ORTHO Livestock Formulations are concentrated for further dilution — a little goes a long way. You dilute them yourself. The dilutions require small amounts of material, making the finished spray economical. Don't be confused by low concentrate sprays — they actually cost you more — as higher dosages are required to get a comparative killing power.

These products are available in wettable powder, liquid and powder forms. All of the ORTHO livestock insecticides may not be available in your area — check with your ORTHO Fieldman or dealer for further information on your specific livestock problem or contact any office below. Dealer inquiries invited.

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World Leader in Scientific Pest Control
the big factor in recent farm price declines. From mid-June to mid-July, for example, prices dropped more than 2% on the average.

Meanwhile, labor costs continue to rise. From April 1 to July 1 of this year, the average farm wage rate went up almost nine cents per hour.

Despite these trends, farmers are reminded by USDA, agriculture generally is probably doing better than ever before. Farm income during the first seven months of this year was 17% higher than during the same period last year. In the meantime, costs went up also—but not as much as farm prices. Average cost increase was 12%.

** * **

PRICE BOSS Mike DiSalle tells insiders that he's dead-serious about cracking down on violators of ceiling prices on cattle.

The rotund controller from Toledo says his office has been getting reports of black marketing from various parts of the country—and that he intends to do something about them. Whether he really can do much about them is doubtful, but there is little doubt that he'll try.

Already, a large part of his enforcement staff of more than 1,000 has been directed to concentrate on cattle ceilings. Agents from his office will be assisted by regional and district offices of the Office of Price Stabilization.

Also, a special plea has been made at the Justice Department to give priority to cases involving violation of cattle ceilings.

Meanwhile, DiSalle is making no secret of the fact that he deplores the new controls law—especially the provision which prevents him from imposing slaughter quotas. Power to fix quotas, DiSalle insists, had been his strongest weapon against black markets.

"The slaughter quota was the heart of our meat-control program," says the Price Chief. "If we are going to have any effect on stabilization, we can't have it unless we control important cost-of-living items such as meat."

** * **

THE SPLIT in leadership ranks of farm-labor groups over the new controls law won't be repaired soon, despite congressional efforts to shrug it off. In retaliation for what they consider almost total defeat on controls legislation, the AFL is threatening to wreck the federal farm program.

AFL President William Green was recently given the go-ahead by the organization's executive council to study and report upon "the effect upon the national economy of the present agricultural program, which provides floors for farm prices, but no ceilings, and which extends tax exemptions to farm cooperatives."

Labor groups are given little chance of success in any campaign to upset legislation favorable to farmers. Reason is that Congress would be unlikely to go along. As Congressman Harold
How to make good telephone service even better...

Long Distance service is faster
when you call by number

You'll find your Long Distance Operator can put your call through much quicker if you give her the out-of-town number you want... rather than just the name and address. That way, you see, you won't have to wait for her to get the number from "Information" in the town you're calling. So why not start a Long Distance list... by jotting down the number when the operator reports it to you.

look 'em up - jot 'em down - then call

You know, it's awfully easy to get telephone numbers "turned around" in your head. So to get the right number, it's a good idea to look it up in the telephone book... jot it down on a slip of paper... then make your call.

Pacific Telephone

THE NEW outbreak of foot-and-mouth disease east of Mexico City will delay opening of the border to livestock and fresh meat imports from Mexico for several months, it is predicted in Washington.

Officials had hoped the border could be re-opened by next Jan. 1.

Foot-and-mouth was discovered recently in four different herds, despite official hopes that the disease was under full control. Joint Mexican-U.S. eradication forces in the area have been reinforced, and strict quarantine measures are already in effect, according to the Agriculture Department.

Crop Output Falls Short Of Goal—Yield Still Big

Old Man Weather has reduced 1953 crop prospects below farmers’ goals for such major crops as corn, wheat and barley, but the outlook still is for production 34% above the 1952-53 average—the second largest all-crop volume.

According to U.S. Department of Agriculture reports, floods during July destroyed several million acres of crops in a large central area. Wheat suffered the heaviest loss, corn losses were second and oats third. Sorghums, soybeans, barley, flaxseed and hay crops also suffered considerable losses.

Livestock losses were relatively light in the flood areas, since farmers were warned and moved most of their stock to higher ground. Most mobile farm equipment was saved, but losses of other farm machinery were heavy in the worst flood areas. Some farm-stored grains were lost.

As now predicted, the wheat crop for the first time in eight years, will fall below a billion bushels; the crop is now estimated at 998.3 million bushels. Other crops below average include barley, rye, flaxseed, dry beans, peas and potatoes. Record crops are expected for hay and rice; sorghums are expected for hay and rice; soybeans and sugar beets.

Old Man Weather... will be near-record. Oats, cotton, barley, dry beans, flaxseed, and sugar beets.

In million bushels, 1953 prospects for some important crops are: Corn, 3,320; oats, 1,393; barley, 285; rye, 25; dry beans, 270; potatoes, 351.

The new crop of sorghum grain is expected to total 43 million bushels; 100 lb. bags; dry edible peas, 16 million; 100 lb. bales; cotton, 17 million; bales; peanuts, 1,227 million lb., and tobacco, 2,249 million lb.

Cooley, Chairman of the House Agriculture Committee, put it:

"I don't believe it is in the interest of the labor group to bring about a breach. Many members of Congress from farming districts have exalted labor records..."

Fact is, however, that a bitter, no-holds-barred fight between agriculture and labor could harm them both, not to mention the U.S. economy as a whole, in the long run.

* * *

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
Not the statue ... she'd be last to go.
But how about the things she stands for?

How secure is the freedom that has been given to us by those
generations of Americans who sweated, froze, fought and died
all the way from Bunker Hill to Bastogne—to Parallel 38?
The foundation for the Bill of Rights and the freedoms it
guarantees is only as strong as our determination to safeguard this
priceless heritage.

Now, what can you do to keep alive the flame of Liberty—
to keep it alive and rekindle it so that it might burn even
stronger through the years ahead?

HERE'S ONE THING YOU CAN DO!

Today America is producing double—two assembly lines are
going full blast. One line is building the materials necessary
for the defense and preservation of our nation. The other is
turning out everything from automobiles to arc lamps, from
safety pins to box cars so that we might maintain our living
standards even while we buckle on the sword for defense of those
ideals that have made us a great nation ... where the flame of
freedom still burns bright to serve as a beacon of hope to a large
segment of mankind.

All this takes scrap metal ... mountains of scrap metal for steel.
To produce a ton of new steel, it takes 1000 pounds of
scrap metal. It is estimated that 36 million gross tons of scrap
will be needed to meet production demands this year. Next
year we will need even more. And scrap reserves are already
dangerously low ... not enough to carry through the winter ahead.

HERE'S HOW YOU CAN HELP

Look around your own home, your business, your farm, or
where you work. Rusty sheet metal, discarded plumbing, obsolete
tools or equipment—any metal that is no longer useful can
be sold ... AND IS URGENTLY NEEDED! Even a few pounds
are valuable to industry and worth money to you when turned
in to a dealer of scrap metal.

Back America's double production lines! Collect and turn in
scrap metal NOW!

Manufacturers of a Complete Line of Modern Machines,
Visionlined Tractors, and Power Units for Agriculture
... and Agriculture is Basic to Our Economy.

MINNEAPOLIS-MOLINE
MINNEAPOLIS 1, MINNESOTA
Thousand to One Odds in Your Favor!

12¢ Dose of Vaccine Protects $120 Calf Investment!

This fall it's more important than ever that cattle feeders give their calves the best possible protection.

Even tho your stockers and feeders were vaccinated in the spring, don't take a chance this fall!

Vaccinating with FRANKLIN will take out the gamble.

Complete BLACKLEG Protection!

The best is the cheapest—that's why MORE Stockmen vaccinate MORE calves each year with FRANKLIN

Clostridium Chauvei-Septicus Bacterin

than any other make on the market. Each dose combines full immunity against both Blackleg and Malignant Edema.

Be Prepared for "Shipping Fever"!

Fortify each calf with a preventive dose of FRANKLIN

Corynebacterium Pasteurella Bacterin

Follow this with a second dose, double or more, three to five days later. Best results will be obtained if this is done about two weeks prior to weaning or shipping to allow the animal time to develop strong resistance against infection. Calves vaccinated in the spring need a shot before fall shipping to bolster up their resistance.

For full details of proper care refer to the free Franklin catalog.

HOW ARE YOUR BRANDING IRONS?

Franklin Copper Irons are designed to give clear, legible brands. Standard Letters and Figures carried in stock, and available through Franklin Dealers everywhere.

80-Page Illustrated Catalog describes and prices the complete line. Free from your local Franklin Dealer, or by mail.

O. M. FRANKLIN SERUM CO.

DENVER	 KANSAS CITY	 WICHITA
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TRIPLE SULFAS

Now the livestock owner can give safe and effective treatment of CALF PNEUMONIA, CALF DIPHTHERIA, SHIPPING FEVER and FOOT ROT in cattle.

Also treats metritis and other infections encountered after calving. In two convenient forms:

TRI-SULFA SOLUTION and TRI-SULFA BOLUSES

Tri-Sulfa Solution offers a quick means of providing a high blood level of these bacteria-inhibiting sulfonamides. Send for new free leaflet giving full directions for administering intraperitoneal and intravenous injections.
I drive over the
Ridge Route from Los Angeles
to Bakersfield and pass A. H.
Carpen's Greenfield Hereford Ranch, I
look at those eight big silos on the east
side of the highway and my thoughts
go back to a time over 30 years ago
when Roland Hill made his headquarters
at this ranch. One year—I think
it was 1918—at the National Western
Stock Show at Denver I made a deal
with Roland for a carload of bull calves
from the old Hereford ranch at Chey-
enne, which at that time my uncle and
I were operating as the Hereford Cor-
poration of Wyoming.

Roland didn't want us to ship the
 calves right away as California was ex-
periencing one of its dry years, a
year the same as has happened
in the years in part of the state, so we
settled the calves at Cheyenne
and shipped them out late that spring. I
was in California late in the fall of that
year and saw those bulls after they had
been brought down from the Tehach-
apa, where Roland ran his cattle, and
they didn't look too good because of
the feed conditions that year. As I re-
called they developed all right later.

One afternoon late in July this
year I started over the Ridge
Route to Bakersfield. Early in the even-
ing I came along by the Greenfield
ranch and turned in, wondering if any-
body would be around. I found
"Harrison," Mr. Karpe's herd-
er, taking life easy in his front yard.
It was almost dusk, but we took a little
trip out to see some of the calves—
Ava Duke's and others—that Butch
had in the barns and corrals, shaping
them up for the fall shows.

We didn't have too much time be-
cause I got dark, so later in the eve-
rning I met him the next morning at the
ranch, and he and Harrison and I went
to go into details, but I am sure that
some who will be taking in some
of the fairs and shows later this year
will be seeing some of Karpe's good
conditions, of course back at Greenfield
the conditions 30 years ago,
when the ranch has always been
a great producer, I will take my hat
to Mr. Karpe for being a real farm-
ner. He certainly has improved the
conditions there wonderfully—

For rugged wear
...it's always been

LEVİ'S
THE ORIGINAL
BLUE JEANS

By RAYMOND HUSTED

EVERY time I drive over the
Ridge Route from Los Angeles
to Bakersfield and pass A. H.
Carpen's Greenfield Hereford Ranch, I
look at those eight big silos on the east
side of the highway and my thoughts

You'll never find a better value, dollar for dollar, than Levi's. Made of the
world's heaviest denim and riveted at strain points—tailored slim and trim
for solid comfort—Levi's, the original cowboy pants, are your best buy today.

Look for the red tab on the back pocket...

SINCE 1850 AMERICA'S FINEST OVERALL

The name LEVI'S is registered in the U.S. Patent Office and denotes overalls
made only by Levi Strauss & Co., Main Office: 98 Battery St., San Francisco 6

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SHORTHORNS OR POLLED SHORTHORNS
(NATURALLY HORNLESS)

For Breeding • For Feeding
For Crossbreeding!

America's oldest and most profitable breed
of cattle offer greater size, fastest gains,
quieter, easy-handling dispositions and
widest adaptability. Check modern
Shorthorn and Polled Shorthorn
performance records including carlot and
single steer Grand Championships
OVER ALL BREEDS.

Get the facts about Shorthorns, Polled
Shorthorns, or both. Write us for illus-
trated literature and lists of member-breeders
who can supply you with seed stock at reasonable costs.

AMERICAN SHORTHORN BREEDERS' ASSOCIATION
DEPT. WJ2 STOCK YARDS, CHICAGO 9, ILLINOIS

The breed that is "BEST IN EVERY WEIGH"
and if there is any small acreage on the ranch that isn’t being put into production, I don’t know where it is.

THAT same day I ran into Mrs. Gladys Cooper’s ranch near Tipton and was fortunate to find her there. She was supervising the completion of a modern ranch home located at the headquarters close by the old home where she and Frank lived for so many years before he passed on. Neither Mrs. Cooper nor I had too much time to spend that day so I didn’t get a chance to look at many of her cattle; but I did have a good opportunity to see this new house which she has planned and worked out in detail so that I am sure it will be as complete and comfortable a ranch home as one could wish.

The next day was Sunday, and the California Hereford Assn. was holding a meeting of its board of directors at Merced in the new central and northern California headquarters of the Farmers Insurance Group. Thomas E. Lavey, president of the Farmers Group and also a director of the CHA, had invited the directors to be his guests at a luncheon meeting. George Smith, president of the association, had very kindly invited me to attend. There was practically a full attendance and it was a most interesting occasion. The association secretary, Wray L. Bergstrom, reported on the entries which have been made for the annual November sale at Madera and said that about 150 head would be available. He also reported the affairs of the association to be in very satisfactory condition.

REMINISCING some more: Thinking back to the livestock breeding situation as it was the first time I traveled around California, I am impressed with the great strides made by the purebred cattle breeders of the state during the last 35 years. Unquestionably one of the greatest contributing factors in improvement of numbers and quality of purebred beef cattle has been the formation of associations by enterprising individual breeders like the members of the California Hereford Assn.

The supervising of insurance which they have sponsored and the rigid inspection of conditions under which these sales have been held is bringing about the improvements. Of course, this also applies to groups of Aberdeen-Angus, Polled Hereford and Shorthorn breeders.

I am sure that the efforts of all purebred groups have been appreciated by the commercial cattlemen of California and other Pacific Coast states.

A few days spent in the inspection of some of the Polled Hereford bulls which will be sold at the California Hereford Assn. annual sale at Madera.

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Seed Service — A NORTHRUP KING BULLETIN

"I DON'T USE HOMEMADE PASTURE MIXTURES NOW"

Mae Giovanetti tells of best results with Westland Brand Pasture Mixtures

MODESTO, CALIF.—"We used to make our own pasture mixtures," says Miss Mae Giovanetti, prominent livestock operator in this vicinity, "and as a result we had many cases of bloat. But since switching to Westland Brand Pasture Mixture, we've solved that problem. I am completely convinced that pasture mixtures are a matter for experts."

In Westland Brand Pasture Mixtures, Northrup King (pasture specialists) have developed a precision balance of the grasses and legumes that will give you more feed and longer-lasting feed. This same careful balancing helps protect you against bloat, too.

Can carry more cattle

Miss Giovanetti finds that her new Westland pastures can be more heavily grazed than before. "It's really amazing," she reports. "I used to wait two weeks before turning the cattle onto a new pasture. Now I turn them in every week. But even grazing that often, the cattle simply can't keep up with the new growth!"

Miss Mae Giovanetti, above, says: "I feel like I'm doing my friends a favor when I recommend Westland Pasture Mixtures to them. I know they're safe and that they will provide more feed than homemade mixtures."

Miss Giovanetti's experience is a common one. It proves again the value of dependable, scientifically formulated pasture mixtures. There are ten different Westland Pasture Mixtures—one for every need. See about yours right away.

For expert advice on pasture establishment, write Northrup King & Co., Consumer Service Dept., Berkeley, Calif., or consult your local Northrup King Dealer.
LAST FALL, after working his Model "G" hard for more than three years, Leonard Hove, Flandreau, South Dakota, had it overhauled for the first time. The entire cost to put the tractor in first-class running order and give it a bright, factory-fresh appearance was only $69.00. "It really looks and runs like new," says Mr. Hove.

Unusual? No! John Deere owners are experiencing this outstanding maintenance economy every day thanks to an exclusive tractor advantage—two-cylinder design. By eliminating countless parts...by strengthening remaining parts...by maintaining all parts and assemblies in precise alignment, John Deere offers you the simplest, strongest, longest-lived tractors in the field—tractors that definitely are more dependable and cost less to maintain down through the years.

But maintenance economy is only part of the John Deere story. There's outstanding operating economy...greater operator comfort and convenience plus a host of ultra-modern features such as hydraulic Powr-Trol, Roll-O-Matic front wheels, six-speed transmission, and many other features meaning easier handling, faster, more efficient farming.

See your John Deere dealer. He can match your exact needs with a tractor that's "tops" in economy and on every other count.

YOU CAN'T EQUAL JOHN DEERE TWO-CYLINDER TRACTOR ECONOMY
A RECENT survey showed that over 80% of livestock producers depend upon the Central Markets for price information when they were ready to sell livestock. A little over 10% depended upon the judgment of individual buyers and the balance secured their price information through other sources.

THIS is further proof that eight out of 10 producers know the importance of the open competitive market where prices reflect true buying demand.

AFTERnoon we visited the Arthur Forrester family near Turlock. It was a pretty hot afternoon but Arthur and I looked over his cattle and later he and Mrs. Forrester piloted us over to see Jack Buhl. I saw probably a good many of Jack’s Hereford friends know that this year he bought a 20-acre ranch two miles west of Turlock on 99 high and about half a mile west on Monte Vista. We caught Jack at home that afternoon, and had a very good time with him for half an hour or so. Anyone who knows Jack will realize that he had a very interesting and jovial way of talking.

Probably everyone in the pasture Hereford business remembers Jack as being in charge of and showing the Gould’s Joaquin Hereford Ranch, but now Jack is out on his own and going strong. He took us out to the barn and showed us a few he is feeding for some later show sales and also a good 2-year-old son of Donald Domino 26 he is keeping for another year. Jack has a nice little herd out and we will all of us be watching for him at some of the fairs and later on, Power to your elbow, Jack.

Another man with whom I impress my acquaintance that trip is Peter Smith, who lives a little way out of Modesto. He is developing a small herd of Polled Herefords. Peter Smith is a Hollander by birth and has been here in the United States long—about 15 or 20 years, I imagine—but I believe from what he showed me and told me that morning that he will be heard from in Polled Herefords later on.

THAT same day we visited Charlie Due at the Due Bros. ranch near Escalon. The boys are getting some nice entries in shape for the state fair. We also had a good visit and lunch with Mrs. Poynor and his daughter, Mrs. George Due, at the Poynor home, and Mrs. Poynor and daughter (Mrs. Poynor and daughter)
Heifers fed Ful-O-Pep salt-concentrate mix produce EXTRA STRONG CALVES!

GREENE CATTLE COMPANY REPORTS:

Ful-O-Pep Cattle Feed Special...
...new salt-concentrate mix saves you labor...

MAKES RANGE FEEDING EASY

**SELF-FEED IN BUNKS.** You can put out about a week's supply of Ful-O-Pep Cattle Feed Special at one time if water is available. The high salt content of this new, efficient cattle concentrate causes the animals to limit the amount they eat to their daily needs. You save time, labor and feed.

**PROFITABLE RESULTS** reported by many ranchers prove Ful-O-Pep Cattle Feed Special is the convenient, efficient way to self-feed cattle on range. Feed it this year for extra strong calves.

**HEIFERS CALVE EASILY** when fed Ful-O-Pep Cattle Feed Special. Cattlemen report heifers are strong at calving time, and calf size is good. Cows, too, keep in good condition and raise strong, sturdy calves.
Ready action in the Rowland Roundup. Powerful, sturdy and efficient. 6-HP motor handles 7 gallon per minute Duplex pump at 400 to 500 pounds pressure without effort. 150 gallon treated tank, car width axle. Two 50 Ft. high pressure hose and two Deluxe Trigger nozzles. Complete and ready to go on any size herd. A popular firefighter in the ranching field. Available in trailer or skid.

The Rowland Spraymaster is a work-horse twin of the Roundup model, differing only in that it is powered and equipped for single hose spraying. 4-HP motor and 4 gallon per minute Duplex pump at 400 to 500 pounds pressure. Neat, durable and goes anywhere. Available in trailer or skid.

Ain't No Flies on Her!
By S. OMAR BARKER
When my wife takes a daytime nap,
She'll sleep right through a thunderclap,
But let one fly buzz, loud or not, it
Finds her wide awake at once!

I MADE a trip over to John E.
“Jack” Short’s ranch north of Sar-
amento near Pleasant Grove. Unfor-
tunately, Mr. Short was unable to go
with me, but I met his ranch manager,
Leonard Crews, and he showed me
their Polled Hereford cattle. The
ranch is part of one of the real
ranches in part of one of the real
land holdings of that part of time
California and is still known by its
original name, Spanish Rancho. Mr.
Crews sat us down to a very nice
luncheon at their ranch home
Leonard took me over a few miles in
the Fourness ranch,
Mr. Fourness was at home, but Mrs.
Fourness, whom I’ve met at a number
of Hereford sales, was in San Fran-
cisco that day. This outfit is buying
up a nice Little Hereford herd and has
up a very good herd bulls, of thought-
two very good herd bulls, of thought-
TT Aristocrat 5 by TT Triumphant
and another young bull purchased
and another young bull purchased
Helmsman A 101 by WHR Helmsman.
“Larro . . . Will Cut The Hay Bill In Half . . .” SAYS JOE ORR OF LEWELLEN, NEBRASKA

"Larro is as good a supplement as I have ever fed," writes Joe Orr of Lewellen, Nebraska. "Cattle take to it readily and it will cut the hay bill in half, where you have winter range. I recommend Larro to my friends."

- You need feed no extra mineral supplements with LARRO 32% Cattle Supplement because it contains Larromin, General Mills own, exclusive blend of essential minerals, including trace minerals.
- LARRO 32% Cattle Supplement contains dried beet pulp to keep your cows milking longer and to put your whole herd into top condition.

Larro
Farm-tested
32% CATTLE SUPPLEMENT

Address General Mills, Larro Feeds, Dept. 63
Minneapolis 1, Detroit 2, San Francisco 6, Kansas City 6

Buy at the Bullseye!
I saw a number of very attractive calves by the Aristocrat. I hope I can see a little more of this herd some other time.

Also later that afternoon, on the way back to Sacramento, we ran over from Elverta and saw Dick Williams who accompanied the Dick Danielson Herefords from their former home near Camarillo to the Guiberson ranch, where Dick is at this time. This is a very attractive setup and undoubtedly we'll be hearing from this herd in its new location at the 3 G's. Dick's wife, Eleanor, and their latest arrival—a son who makes two boys for that family—had not yet arrived at their new home, but were expected in a short time.

Later that same day I saw Justin Snyder at his Putah Polled Hereford Ranch near Davis and looked at some of his cattle. Those of us who were on the California Beef Cattle Tour this spring will remember the nice showing he made when we stopped there. The young cattle we saw at that time are developing very nicely, and Justin is going to have some good entries in the CPHA sale at Sacramento. The Gold Mine bull (Gold Brick) which he got from Orvil Kuhlmann at a Pacific National sale at Sacramento has developed into a real herd sire. Justin's sale entries this fall will be by him.

I ran into Berkeley to see Ed Spoor, president of the California Polled Hereford Assn., and found that he and Mrs. Spoor were on a jaunt to Washington, D. C., and wouldn't be home for several weeks. The next day we kidnapped his secretary, Betty Condere, who does all the heavy work for Ed, and drove over to Santa Rosa to see Richard Ahl and his father who have some bulls entered in the state sale this fall.

This is the first time I had ever seen these folks. They are located practically in the town of Santa Rosa and we didn't get to see too many of their cows, but they have three nice yearling bulls for the sale. This is another case of a man from a different line going into the purebred Hereford business, as Richard Ahl is one of the heads of the Poultry Producers over in San Francisco—but, he likes his Polled Herefords.

That same day the three of us drove over Mount St. Helena from Calistoga and visited Mrs. Worthen Bradley at her Solfa Tara Ranch at Clearlake Park. As always, it was an interesting stop. I tried to talk her into putting three good yearling heifers she has into the state sale, but she wouldn't stand for it as she wants to use them in her herd. They are really nice. So her only entry this fall will be a 2-year-old bull which should attract some attention.

On the return trip from Mrs. Bradley's we passed Oak Knoll and ran in to see Page Lamoreaux's Oak Knoll Shorthorns; but Page was in Washington and Walter Davidson, his herdsman,
was on his vacation. I saw quite a lot of good Shorthorns running around in the pastures near the Lamoreaux home. Next time I stop I hope I'll have a chance to go over them with Page and Walter. As I have said before in this column, Walt and I have known each other for many years, mostly during the time he was herdsman-manager for the Allen Cattle Co. at Colorado Springs, Colo.

That night when my wife and Betty and I were eating supper at the "Black Sheep" in Berkeley, who should be sitting at the next table but Alex and Flora McDonald. Alex said they had come over to see somebody married and were just wondering if they'd see anyone they knew while they were eating dinner. We had a little gabfest and made a tentative date to visit Alex later at George Mee's Peach Tree Ranch and see some of their good calves that Alex is so enthusiastic about.

FOR a long time I've been wanting to see the Gatis Yates' Stoney Ridge Ranch just off the Sky Line Drive south of Redwood City. We finally made it and caught Gatis fixing fence but he knocked off that and we had a dandy visit with him and his wife, Eleanor. The view from their beautiful home is superb and Gatis had a hard time getting me away from it to go out and see the cattle. I'll say he has the right system, however, as he went out and hollered at the cows and they all came rambling up to see what was in it for them.

Gatis has been buying some very good females, mostly Polled Herefords although he has some horned cows he got at the Sunland sale that are very good individuals. The bull he has in service he bought at the Golden State dispersion, GS Golden Seth 95, a double bred Adv. Domino bull, and I saw a few of his calves, including two good bull calves that seem to me show a lot of promise. We couldn't stay too long, and I hope I can get back there sometime again. That is beautiful country and the Yates family has a nice setup.

One evening I called up Dale Carithers from San Jose and, by golly, he was home. So the next morning we drove out and caught him there, and also Mrs. Bunting, and had a good visit with both of them. It's the first time I've been around Dale's pastures with him for a long time, and I didn't take too long that day, but did see a number of his good calves, including two entries he has for the Madera sale, one by Domino Prince 2, and the other by the "TT" bull. And I wouldn't be surprised if one or both of these senior bull calves might be about the best individuals Dale has ever consigned to the CHA sale. I always enjoy a trip around the Mission Hereford Ranch with Dale.
MoorMan's Range Mintrate is an extra-rich blend of 5 proteins, reinforced with Urea—the richest cube on the market.

45% Protein

MoorMan's Range Mintrate is an extra-rich blend of 5 proteins, reinforced with Urea—the richest cube on the market.

And—in addition—MoorMan's Range Mintrate Cubes contain 13 base and trace range cattle minerals—plus Vitamin D.

When you feed MoorMan's 45% Range Mintrate Cubes you can be certain your cattle are getting the proper ratio of protein to minerals—complete and balanced.

MoorMan's Range Mintrate Cubes are ideal for feeding on grass now, and for wintering your cattle. Helps cattle utilize more of the nutrients in your grass and forage. Convenient—proteins, minerals, vitamins all in a single bag. Packed in easy-to-open rip cord bags. Economical, 100—½ to 1 lb. per head per day satisfies protein and mineral requirements.

TAKE ADVANTAGE OF VOLUME PRICES by contracting now for your present and future needs. Ask your MoorMan Man—or write, wire or phone Moorman Mfg. Co., Dept. H2-9, Quincy, Illinois, for quotations.
in Utah, Nelson Crow took me to see Paul Greening. We drove over to the Rolling Stone Ranch where we saw his bull entries for the state Polled sale. He will have some of his good bulls which he will offer for the sale this fall. They certainly are breeding nice and will make a very attractive showing, I am sure.

This was a delightful trip. Anyone who wants to see some good Polled Herefords in a beautiful mountain pasture had better see if they can't work in time to drive them up there some day and I'll guarantee they'll have a nice view. I didn't know until we got there that Don Doris had got married and found that he and his wife were nicely located up there and enjoying the summer at that high altitude.

The day in August, Nelson Crow and I went out to see Paul Greening. We drove over to the Rolling Stone Ranch where we saw his bull entries for the state Polled sale. He will have some of his good bulls which he will offer for the sale. Paul also has over to see some of his cows and calves on irrigated pastures. I believe we saw some of the sweetest here calves I have seen in a long time as well as some outstanding bull.

FOREST BERRY asked me to go next to the Orange County Fair at San Ana with him one night when he was judging FFA steers. He and George Martin, the Alpha Beta steers, were a nice trio. The three of us judged the steers and they were a nice trio. I was interested to find out that the Hereford steer that won the Future Champion of the Dr. Royal G. Tucker ranch was sired by the "Cap." /\, a 448 bull. Tucker bought from Fred Vanderlaan in a California Hereford sale several years ago. I was told that this steer won the championship at the Orange County Fair. It was asked me, if you can, why is it, so few of your neighbors' children come to visit animal owners, if there's one around, don't they feel obliged to?
MORE MEAT...
MORE WOOL...

Reseeding Cleared Brush Land Provides more Forage for Cattle and Sheep

**A simple way to provide good pasture!**
Authorities agree that forage yields on California range lands can be greatly increased and the quality of the feed improved by brush clearance and by reseeding to improved species of grasses and legumes. During the last five years several hundred thousand acres of brush lands in California have been cleared and reseeded—thousands more will be added this year.

If you have good range land now covered with useless brush and if you desire at moderate cost to turn it into profitable grazing for cattle and sheep, then...

**TAKE THESE STEPS:**

1. Set up a reseeding and grazing program and follow it.
2. Naturally the brush must first be removed—this can be accomplished either by burning, mechanical means, by use of chemicals, or a combination of these methods (75% of brush removed is by burning).
3. Reseed the cleared land with desirable grasses and legumes. Select the improved species particularly adapted to the area, such as Rose Clover, Smilo, Harding Grass, Sub Clover, Harlan Brome, Perennial Rye-grass, etc.
4. Proper seasonal use of the range should lie somewhere between continuous close cropping which weakens and gradually removes the better forage plants, and too light grazing which tends to build up a heavy litter and increase the less palatable weedy plants—the proper use can be figured out.
5. Follow a rotational grazing schedule if feasible. The range should be divided into fenced and controlled areas. The topography and watering facilities or north and south slopes may vary the general plan.

**Set up a program and stick to it!**

**IMPORTANT**—Have your seed ready to sow—order it in plenty of time. Buy quality seed—you will get better results and the cost is so little more when you consider it takes the same amount of labor for poor as for good seed. Sow the seed in fresh cold ashes, or in suitably prepared seed bed.

Where to get information and help! The State Division of Forestry and the University of California College of Agriculture will help you. We will gladly give you the benefit of our experience without charge or obligation. Send for the C. M. Volkman & Co. folder entitled "Reseeding for Range Improvement" by Burle J. Jones, recognized as an outstanding authority on range reseeding—send for it today!

See your dealer for supplies of "Volkman" Seeds

C. M. VOLKMAN & CO • Quality Seeds Since 1863 • 55 Union Street, San Francisco 11
I called on Dr. Lansing of San Bernardino, an M.D., but they live on Rancho Bernardino on a ranch they have developed. They have a small Hereford herd including a junior yearling bull bought at various sales the last few years by the "Captain" bull and will be represented in some of the sales this fall. These are two more men who have gone into the production of purebred livestock from other enterprises. Rigidon and Rigdon and family are living on the ranch and are developing the land and the herd. And we feasted on Polled Herefords prepared by Mrs. Rigdon for the luncheon she gave us.

This same day I called on Dr. and Mrs. Carl V. Lansing of San Bernardino, Dr. Lansing is an M.D., and while there we attended a little ranch. They have a small herd of Polled Herefords, including one they have bought at various sales the last few years by the "Captain" bull. They had a small Polled Hereford heifer purchased from Dr. Rigidon and Rigidon has a small herd of Polled Herefords and is represented in some of the sales this fall. These are two more men who have gone into the production of purebred livestock from other enterprises. Rigidon and Rigdon and family are living on the ranch and are developing the land and the herd. And we feasted on Polled Herefords prepared by Mrs. Rigdon for the luncheon she gave us.

WYETH TUBEX® AND LENTOVET* BELONG ON EVERY FARM

San Angelo, Texas—Ted Harris operates two ranches in this area, covering 64 sections, and runs both sheep and cattle. Mr. Harris feels that every farmer and rancher should have a Tubex syringe handy for the rapid administration of Lentovet penicillin. "These days," he says, "an animal is worth too much to risk losing. Lentovet is mighty good animal health insurance."

Foreman Baker is an enthusiastic booster for Tubex and Lentovet. "It's handy to carry right with you as you work around the ranch," he states. "We have had excellent results with Lentovet penicillin treating our cattle, sheep, horses and dogs for a wide variety of sickness and injuries."

Lentovet, All-Purpose Lentovet and Lentovet 600 Suspension all come complete with sterile needle. Write for FREE dosage chart.

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NEW TYPE BALANCED FLOAT VALVE

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Varying water pressures have no effect on operation of valve.
Quick acting balanced valve.
½", ¾", 1" sizes available.
Write for further information or consult your local dealer.

T & N Float Valve manufactured by CRELLIN MACHINE COMPANY
114 Elmyra Street
Los Angeles, Calif.
DOUBLES PRODUCTION—"Couldn't produce Shorthorns fast enough to fill the demand so we are doubling production by having one of our registered cows produce twins." That's the report of Millard R. Eakin, Milloma Farms, Powell Butte, Ore., who submits picture proof.

Bear area. This is the second year this boy has won the 4-H championship and his steer sold at the auction held the last day of the fair for 80 cents a pound and was purchased by the Apple Valley Inn. The Future Farmer championship was won by Gary Williams of San Fernando and also sold to the Apple Valley Inn at 60 cents a pound. This was a Polled Hereford steer from the Crocker Ranch at Klamath Falls.

THERE were 43 steers sold altogether at an average price of 80 cents a pound. The auctioneer, W. L. Faulkner, did a good job. This year's show and sale was supported in a big way, as deals were also made the same way as the Porterville junior show—there was a lot of evidence by local firms and individuals, as well as packing plants.

Bill Rogers, one of the publishers of the Farm Tribune, Porterville, published a story about Wilbur O. "Butch" Dennis of Elkus, 2,310 lb. Hereford steer "Jumbo" which Bill sold late in June for $831.47. According to a search of records, this is the heaviest steer ever sold for more money, than any hereford bred and sold in California.

This steer at the Porterville Junior stock show and fair late in May attracted a lot of attention. He was a moose, I'll say that.

According to this report, the animal that anyone can remember rivaled "Jumbo" for size was raised number of years ago by "Buck" Williams of Klamath Falls, Ore. I think I remember this steer. I can't recall just what his weight was but he was another awfully big steer and weighed over a ton. He didn't bring as much money as Bill Dennis' steer, but the dollar value and prices of all commodities have increased a lot since those days.

Cattle Feeders!...
The ANSWER is AUTOMATIC!

Ask the owner of a Williamson batch-mixing feed plant and he will tell you how well it solved his cattle feeding problems. The Williamson System of Scientific Feeding is the right answer to your problem, too. Your increased profits will soon prove it.

ECONOMICAL
Pays for itself within a few years

AUTOMATIC
Push-Button control for each operation

FLEXIBLE
Plants feed 50 head to 60,000 head or more

COMPACT
Forms its own streamlined building

LONG-LASTING
Some still operating after 30 years

Let Williamson solve your cattle feeding problem. Write or phone for complete information.
We are proud, indeed, of the record made by Banning-Lewis bred cattle in the many outstanding herds of the nation.

The meritorious performance of foundation females in the herds of Milky Way Herefords, C. A. Smith's Hillcrest Farms, Sundown Farms, Vel Va Haven Farm, Mill Iron Ranches and many other well-known herds has proved what a continued plan of breeding for 30 years can do to produce the definite type.

At Mill Iron Ranches a consistent plan of breeding has been followed by Mr. Lafayette M. Hughes where straight-bred Banning-Lewis breeding of both sexes has been used to produce not only the largest herd but the most uniform herd of quality registered Herefords to be found today.

At Milky Way Herefords, Mr. Alan Feeney is again using another great Colorado Domino sire, Colorado Type 236 Jr. We point with pride to Milky Way successes in the show ring, where 80 per cent of this fine herd carries Banning-Lewis breeding.

In our opinion the big, smooth, compact, quick-finishing COLORADO TYPE is the standard type for quality Herefords for today and tomorrow.

To California this month we are sending a top selection of bulls to the McCready Ranch at Tres Pinos and to the Paicines Ranch at Paicines.

BANNING-LEWIS RANCHES

On Highway 24, Just 10 Miles East of

COLORADO SPRINGS, COLO.

Owners: RAYMOND W. LEWIS and RUTH BANNING-LEWIS

Address: 831 N. Nevada Avenue

Telephone, MAIN 1242
OPEN CENTERS
For This Farmer
Everett Lewison
Vermillion, South Dakota...

"On my 360-acre farm I spend a lot of time on my tractors, and I know just about what I have to have in tires to get my work done. Maybe my soil is different, but it seems to me that Firestone Open-Center Tires pull better than any of the others."

EVERETT LEWISON.

TRACTION CENTERS
For His Neighbor
Leaf Larson
Vermillion, South Dakota.

"With 540 acres to farm, I have plenty of opportunities to judge tractor tires. About two years ago I had my first experience with Firestone Traction-Center Tires, and today I have them on all my tractors. In my judgment, they're the best for money can buy.

EVERETT LEWISON.

Firestone
CHAMPIONS For Both

THAT's the way it is in most farming localities—Some farmers want Open-Center Tires, while others find that Traction-Centers do a better job in their soil conditions. In all probability, you have a definite preference, too.

If it's an Open-Center you like best, try the Firestone Champion Open-Center Tire. You'll find that its curved bars pull better, its Flared Tread Openings keep the tire clean, and its wide, flat tread wears longer than treads of other Open-Center Tires.

Or—if you think a Traction-Center Tire will do your job best, try the one and only Firestone Traction-Center, the choice of more than a million farmers. Remember—only Firestone gives you your choice between the greatest Open-Center and the only Traction-Center Tire on the market today.

ALWAYS BUY TIRES BUILT BY FIRESTONE, ORIGINATOR OF THE FIRST PRACTICAL PNEUMATIC TRACTOR TIRE

Enjoy the Voice of Firestone on radio or television every Monday evening over NBC.
These Bulls I Remember Well!

By RAYMOND HUSTED

It would be foolish for me to try to discuss all the Hereford bulls I have known about during the years I have been interested in Hereford cattle, which dates back to about 1908, though it was around 1914 before I seriously tried to get into the breeding business. Most of my early experiences were headed up in Colorado, and naturally, most of my contacts with the Hereford breeders of that era were at the National Western Stock Show at Denver and the American Royal Show at Kansas City. I will try to confine my comments mostly to Herefords that were more or less in the limelight during these comparatively early days.

I can't recall the first year I attended the American Royal Show, but it must have been about 1910. Naturally, I began to hear a lot about Gudgell & Simpson and the W. H. Curtice and Taylor herds of Kentucky, so the first names of great Hereford bulls that stick in my mind are Domino (Gudgell & Simpson-J. C. Robinson & Sons); Perfection, (Nave-Tom Clark-G. H. Hoxie-Clem Graves-W. H. Curtice); Beau Donald (Gudgell & Simpson-Curtice); Perfection Fairfax (Hoxie-W. T. McCray); Woodford (W. E. Curtice-Col. E. H. Taylor); and Repeater (Heath-O. Harris & Sons).

Some of the above mentioned bulls had passed on by that time, but old Domino was still alive (he died in 1920) and Perfection Fairfax, Woodford, and Repeater were going strong. Of course, there were a lot more, but these were outstanding herd bulls, some of them great show bulls as well, that made the greatest impressions on me. Most of these bulls I never saw, but I did see plenty of their offspring. And as I recall it now, some 40 years or more later, lots of these individuals were plenty good and made a lot of history in Hereford circles.

Anxiety 4 Breeders. I was an exhibitor at the first Denver show held in tents alongside the Burlington tracks at the Denver Union Stock Yards. Believe it or not, the first cattle we showed were Aberdeen-Angus! However, it didn't seem to prejudice me much among the Hereford breeders whose ranks I joined soon thereafter. Among the Hereford breeders I first met at Denver shows were Dr. T. F. DeWitt and Bob and Henry Mousel (Mousel Bros.), all of them rock-rubbed Anxiety 4 linebreeders. (Dr. DeWitt has passed on, but Bob and Henry are still around to check up on us.) Also there was John E. Painter of Rengen, Colo., who wasn't so strict about the Anxiety 4 line and had an imported bull, Mansell Roy, that he used in his herd, though he and his sons swung into line with Prince Domino blood later on.

Dr. DeWitt's great herd sire was The Heir by Beau Donald 17, a son of Beau Donald. I knew and liked this bull a lot. He had a deep cherry-red coat and was a beautiful bull. One of his outstanding sons was Heir's March On 2, junior champion at Denver in 1912, grand champion at the same show in 1913, later bought by A. B. Cook of Montana, and did him a lot of good in his great Hereford breeding herd. The Heir also sired Mischievious Jr., the bull Dr. DeWitt had the grand championship on at Denver in 1921. (Ernie "Stoney" Stone was at the halter showing Mischievious Jr. that day.)

The bull that really brought the Mousel Brothers into the Hereford limelight was Beau Mischief by Beau President (another Gudgell & Simpson great). Beau Mischief had a Lamplighter dam, Mischievious. (The Lamplighter blood is carrying on in California right now at the Foley Polled Hereford Ranch at Santa Barbara. They are using a Polled Lamplighter bull bought from one of the younger Mousels.)

Beau Mischief had quite a history. Gudgell & Simpson sold him to J. A. Larson, and he was returned as an unsatisfactory breeder. Mousel Bros. had always liked him, and when he went back to Gudgell & Simpson they "romped right down and bought him, believe it or not, for $150! He was in thin flesh and foundered. One never knows, does one? I saw Beau Mischief once, and he certainly wasn't much to look at, but, boy! the calves he produced.

History Makers. It would take a volume to list the outstanding bulls and females Beau Mischief sired. One of them that really made Colorado Hereford breeding history was Beau Aster, who just about put Fulscher & Kepler of Holyoke, Colo., on the map. He was a wonderful heifergetter. (Prince Domino helped a lot on them for Fulscher & Kepler, but more of that later on.) Beau Mischief also produced some great herd sires, among them Superior Mischief, which Mousel Bros. sold to Pat Sullivan of Wray, Colo., for $22,000 in 1920; Beau Blanchard, that did such a wonderful job for Jesse Engle & Sons; Mischief Mixer, that went into George Baker's herd at Littleton, Colo. (I was there at the Round Up Sale at Kansas City the day he bought him from J. E. Stewart, who bought him from Mousel Bros.) Baker later sold him to Henry Marshall of Lafayette, Ind. One of Mischief Mixer's sons, Mischief Mixer 27, went into Jack Van Natta's herd at Lafayette, and did a lot for him; and another, Mischief Mixer 37, went to Taussig Bros. at Parshall, who used him.

Please Turn to Page 61
ABOVE—The Hereford business is a big business. Greatest gains are being made in Western herds like the one shown here.

BELOW—Hereford feedlots turn out a top product. Enthusiasts boost white-faces as supreme in pounds and price and profits.

When one single breed of cattle account for 75% out of every 10 head purchased there must be sound reasons for this preference demand on the part of thirty American producers—and there are.

It is not just luck that Hereford breeders record annually 7 out of every 10 beef cattle recorded, whereas the leading breed of swine accounts for only 32% of the total for pork hogs and the leading dairy breed records but 40% of the total for dairy cattle.

'Most of the Best.' This writer was both amazed and startled recently by an incident which occurred at a Hereford field day. An excellent type demonstration was in progress, and Hereford type had just been defined as those characteristics which best fit the animal for the specified purpose—beef production. At that point a sun-burned and wind-burned veteran of many years as an active Hereford breeder turned to his wife and said, ‘Lucy—he means they’ve got the most of the best.’

Certainly his idea was right on the ball, and although I might forget the formal definition of Hereford type given that day, I will not be forgetting the old breeder’s simplified version. In getting the old breeder’s simplified version, in getting the old breeder’s simplified version, he stated why Herefords lead the beef production field. Herefords are practical, good doing cattle because the majority of the breeders are in
By BRUCE R. TAYLOR
American Hereford Assn.

Thick, sappy calves with lots of bloom and modern type. That's the combination that boosts Herefords to wins in feeder shows.

Photos Courtesy American Hereford Assn.

Hereford Registrations
Following are American Hereford Assn. registrations in a 2-year comparison for the 11 Western states:

<table>
<thead>
<tr>
<th>State</th>
<th>1949-50 Fiscal Year</th>
<th>1948-49 Fiscal Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arizona</td>
<td>4,116</td>
<td>3,863</td>
</tr>
<tr>
<td>California</td>
<td>12,275</td>
<td>12,647</td>
</tr>
<tr>
<td>Colorado</td>
<td>21,275</td>
<td>19,814</td>
</tr>
<tr>
<td>Idaho</td>
<td>6,791</td>
<td>6,202</td>
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<td>Montana</td>
<td>22,984</td>
<td>20,769</td>
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<tr>
<td>Nevada</td>
<td>1,378</td>
<td>1,382</td>
</tr>
<tr>
<td>New Mexico</td>
<td>9,615</td>
<td>8,500</td>
</tr>
<tr>
<td>Oregon</td>
<td>8,509</td>
<td>7,720</td>
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<tr>
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<td>5,203</td>
<td>4,272</td>
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<tr>
<td>Washington</td>
<td>5,679</td>
<td>5,229</td>
</tr>
<tr>
<td>Wyoming</td>
<td>11,854</td>
<td>11,125</td>
</tr>
</tbody>
</table>

Other Facts:
- Total for U.S. 426,971 or 370,015
- Increase 15.4% or 15.4%
- Increase for Bulls 15.43%
- Increase for Females 15.36%

Where the increase came from:
- East of the Mississippi River 13,030 16.5%
- West of the Mississippi River 43,991 15.1%

The demand for commercial producers is the big difference. Registered Hereford breeders have for years supplied the bulk of the bulls sold in any year's business. That this predominance is even greater than mere numerical superiority is proved by the comparison shown above. Certainly this demand is a tribute to the breeding power of Herefords and an assurance to the prospective registered Hereford breeder that there will be a demand for the bulls and females he produces and in the ratio nature has designed for the calf crop—half bulls and half females.

Registered Hereford breeders of the nation sold approximately $100,000,000 worth of bulls from seed and service in 1950. Sales of registered Hereford bulls in the eastern division of the Denver show exceeded $1,000,000 on 1,195 head, and the buyers were largely repeat customers. They buy because they do the job best.

Remember the little chubby, butter-ball, pink type of hogs we had years ago? They stayed in a shade and waited for someone to carry them. The sow had two or three pigs and laid on those, and still the packers did not object
We really grow CORN on the COAST

UNLESS you can get 5,000 to 6,000 lb. of shelled corn per acre or more, there is a question as to whether it is advisable to raise corn as a grain crop on the high-priced irrigated farms of California. Only fertile land having an adequate supply of water, combined with good farming practices, will result in yields of that kind. This is the conclusion reached after several years of trials throughout the state.

Hybrid corn variety tests have been conducted in California since 1944. Much of the work has been done at the university farm at Davis but there also has been extensive work done at McDonald Island, in the delta area of San Joaquin County and at the Antelope Valley station.

In addition to these trials, many farm advisors have supervised tests in more than 30 counties of the state. As a result, considerable valuable information is available for the guidance of those who contemplate producing corn as a grain crop.

Estimating Costs. In 1949 extensive tests were conducted in county nurseries, some of which were devoted especially to cost of production records. While economic changes since that time—particularly advancing costs of labor and materials—have tended to make these records obsolete, the basic facts as to labor, material and water requirements would be about the same.

From these figures a grower could make his adaptations and obtain a reasonably accurate estimate of present costs. Naturally, the costs varied in different parts of the state, depending on the cost of water, amount of equipment needed, etc. The principal difference, however, seemed to be the price of land on which the corn was grown. This was reflected in production costs through interest on investment and taxes.

Because the interior valleys are best suited by climate and irrigation possibilities for the growing of corn, two typical valley counties may be studied for comparison and a group of southern San Joaquin counties cited as examples of what corn production for grain is likely to cost.

County Studies. In 1949 Fresno County carried on studies with a yield based on 4,500 lb. of shelled corn per acre and a land valuation of $250 per acre. Tulare County had a yield of 4,000 lb. and figured the land worth $400 per acre.

It is evident that these differences would at once set up quite a variance in costs per hundred, although the cost of production per acre was practically the same from the standpoint of total labor and field power. These costs were $33.64 and $36.21, respectively. Manpower was figured at 85 cents per hour, heavy tractor at $2.50 and light tractor at $1 to $1.25. These costs would all be higher today, but from these figures one can easily determine the number of hours required.

There was also little difference in the cost of material—such as seed, water, fertilizer and sacks—namely, $24.33 and $26.60. Since the sacks were charged at 20 and 22 cents each, it is evident that a material saving might be made by handling the grain in bulk. Depreciation on irrigation and other equipment was figured at $4.50 to $5.26 per acre, or 10 to 13 cents per cwt. The greatest difference, as previously indicated, was in the valuation put on the land, which made a difference in the interest on the investment in land and irrigation equipment, etc., of Fresno County costs in this work were $14.38 to $22.20. Totaling all costs comprised Tulare County costs were $89.38 per acre or $1.95 per cwt.

San Joaquin Figures. The summary of the counties of southern San Joaquin Valley more nearly followed the Fresno County figures. Based on a 4,500 lb. yield, the cost was $87.28 per acre or $1.95 per cwt. This was based on a land valuation of $250. In Antelope Valley that year, with quite fertile soil as a basis, the yield made by

Farmer Andrew S. Grant of Chino, Calif., has plenty of reason to be pleased with his corn field. This is how his field of Pioneer 300 looked just 65 days after planting.
Now Is the Time to 'Winterize' Your Pasture

By HERB BODDY

Old Man Winter isn't the potent "pasture killer" he used to be. The chesty old guy with the icy grip and snowy whiskers is just as windy and chilly-looking as ever. But he doesn't scare many stockmen today. What's happened to the "hard luck" season? The best answer comes from ranchers themselves. They say pasture plants are getting along much better with winter since ranchers—not the weather—have changed. More and more livestockers are giving their irrigated pastures good fall care before frost-time rolls around. And, instead of bucking such treatment, winter actually seems to be liking it.

There are many signs that winter is softening up and working with ranchers in many Western cattle areas. Look what a team pasture care and winter are making: (1) less winter-kill of plants is showing up in well-managed pastures; (2) grasses and legumes begin spring growth in top shape; (3) two or more weeks of spring grazing; (4) and more beef is put on cattle at no additional cost.

The way you manage your pastures this fall will have a lot to do with the kind of forage they produce next spring. Most pasture plants are taking a well-earned rest in winter. During this "hibernation" period the top growth of pasture plants north of Red Bluff, Calif., stops and root growth is nearly at a standstill. In milder climes south of Red Bluff both roots and tops of most forage plants show some winter growth.

Energy Building. Terry White, regional range conservationist of the Soil Conservation Service, says fall is the time to build up energy and vigor in pasture plants to tide them over winter and make them fit for top spring growth.

White, who has spent a good part of 35 years helping livestockmen, is a stickler for getting pastures primed during the fall for winter. Here are some of the things he says ranchers can do this fall: (a) Leave 8 to 10 inches of...
SHOULD cattlemen the continent over be polled as to the Hereford breeder whose work has been the most consistent and far reaching in our time, probably 75% or more would say, "Bob Lazear of Wyoming Hereford Ranch."

Robert W. Lazear was born in Chicago, July 12, 1889. Graduated at the University of Michigan school of engineering in 1912. Was a civil engineer in western Colorado. Came to Wyoming Hereford Ranch 31 years ago, green regarding Herefords, cattle breeding and ranch management. He came as the son of a close business associate of the owner, H. P. Crowell of Quaker Oats. WHR was in hard straits. So were many other ranches.

Bob learned from others, from working with the cattle, feeds and grass; learned from the shows and sales. His precise engineer's mind cataloged and made useful that information. His sincere interest in people made friends for WHR.

Probably he has been on more Hereford breeding establishments, knows more breeders and is known by more than any other man. And his informal, yet highly informative letters, to breeders all over the world have a sincerity which bring the speaking image of Bob Lazear to each reader. His distinctive advertising claims the admiration of those both in and out of the Hereford field.

Bob Lazear is WHR. Yet WHR is a team with a number of independent and highly important members. Ability to select, work with and keep these men is a recognized Lazear attribute.

He has, perhaps, three hobbies: Photography, his stamp collection and his family. Mrs. Lazear (Helen) has been with Bob 37 years. They have three boys: Bob, Jr., missionary in Colombia; Jerry, with Quaker Oats at St. Joseph, Mo.; George, who is rapidly taking over management at WHR. In addition, Bob is deeply religious and active in the Presbyterian church.

And, of course, most people know the products of WHR under Lazear direction—Herefords that are now working almost everywhere improved beef cattle are grown.
They Make a Go of It With 100 Grade Cows

It was Christmas Day, 1936, Mrs. Frances J. Woody, widowed schoolteacher, and her sons, S. Ward and Robert J., were in holiday mood, driving back to the Woody ranch near Woody, Calif., after a day of festivity.

As they topped the last hill this mood shattered. There lay the family home and all it contained, a smoldering mass of utter ruin.

No one knows what started the fire, but it is easy to discover how the Woody family bounced back; how smart management and teamwork on their relatively small ranch has, and is, making a comfortable country living for three families.

In the main, this has been done with the productions of only 100 good grade commercial cows.

Most bankers and a lot of other advisers will tell you that you'd better not start in the beef business unless you can run well over 100 cows. Some say 300 is the lower limit.

The Woody family has proved that in their case the advisers would have been wrong. They're all getting along.

Mrs. Woody has a comfortable, modern home. Ward recently completely remodeled his home, and Bob has a nice new place. They are all living well.

How have they managed all of this from the products of such a small cow?

The story really begins nearly a century ago. Grass & Water. That was in 1862 when floods drove Sparrell W. Woody of Bakersfield, seeking a hill ranch that would have grass and water the year around. He was the grandfather of S. Ward and Robert J. He found the place and his sons, Elmer and S. A., loved it on and expanded the acreage.

In 1900, S. A. became Kern County sheriff. Elmer, father of S. Ward and Robert J., died in 1926, but partnership of the two families continued on the ranch until settlement of Elmer's estate in the early '30s and ultimate division of the property between the two sons.

Thus, Elmer's widow found herself

Teamwork and management keeps expenses down, production up on the 100-cow Woody outfit in California's Kern County. S. Ward Woody "wets his whistle" while discussing ranch problems with his brother, Robert J., at wheel of hard-working jeep.

By FORREST BASSFORD

Community enterprises are high on the list of Woody family activities. Cutting and cooking tasty beef for crew on mid-August controlled brush burn occupies the three Woody women: Evelyn (Mrs. Bob), Muriel (Mrs. Ward) and Mrs. Frances J. Woody.
Stockmen Find a Common Bond

GOOD cattle and advanced livestock production methods form a common bond for stockmen from all parts of the world. This has been amply demonstrated again by summer visits to California of three Australians—Mr. and Mrs. F. S. Bennet, breeders of Polled Herefords at their Kambah Ranch near Canberra, Australia, and Maurice McNamara, Melbourne.

The Bennets were particularly interested in the registered Polled Hereford breeding establishments at Foley Farm, Santa Barbara, and Rolling Ridge Ranch, Pomona. As Bennet put it, "We have visited Italy, France, England and many other countries in our journey around the world, but have never been so deeply impressed as we were with what we saw on these two ranches in California. Remarkably fine cattle and excellent irrigated pastures." He added, "The Polls are just getting started in Australia, and many of the cattlemen over there are very much interested in improving their studs (herds) with America's Polled Herefords."

McNamara, a member of WLJ's Southern California Beef Cattle Tour, was also impressed with the ranching methods and quality of the cattle he saw at the various stops. McNamara, one of the top operators on the Melbourne livestock market, feels that Australian cattle and production methods compare favorably with those he saw in California.
Yearlings in the Feedlot

By RICHARD SCHAUS
Photos by the Author

Crossbred yearlings at Goodyear Farms made growth-gains in feedlot of 1.9 lb. daily.

THE basis of successful agriculture is to put back into the earth as much as you take out. With our new system of feeding beef cattle we are now getting vastly more production, yet we are enriching the soil at the same time.”

Kenneth B. McMicken, head of the 4,000-acre Goodyear Farms at Litchfield Park, Ariz., was talking about a "pilot" feedlot experiment that he and Dooly Watkins, farm superintendent, started up this spring. Instead of putting yearling steers and heifers on alfalfa pasture to get their growth-gain

Arizona Feeder Carl Allmon distributes supplement over wagon load of chopped forage.

they were put directly in the feedlots on a chopped alfalfa and supplement mixture.

After three months of close checking and observation the trial has been so successful that McMicken predicts within five years pasture grazing of feeding beef cattle will have passed out of the picture wherever there is a year-round growing season on alfalfa, such as there is in the hot valleys of the Southwest.

Advantages Seen. A representative bunch of 378 common yearling Brahman crossbreds from Texas were put in the feedlots on March 2. They averaged 448 lb. The idea was to see what advantages, if any, there might be in feeding them chopped green alfalfa in the lots rather than let them grow their growth on alfalfa pasture.

On June 3 they weighed 625 lb., a gain of 1.9 lb. per day. After meticulous accounting it was found that this was almost a net gain of one pound per animal per day—over

Please Turn to Page 112
Hereford Register of Merit

It works great progress, improvement in the breed

RAINING of breeding cattle on the basis of winnings of sons and daughters in major shows is the principle of the Hereford Register of Merit. Since its start in 1927, 82 bulls have gained the honor of siring 5 or more winners to build up 100 or more points on the Register of Merit. In the dominant period, 158 females have been the dams of 2 or more winners to gain 25 or more points.

Register of Merit has come to mean a great deal more to Western cattlemen during the last few years because of the inclusion of many more Western shows in figuring the ratings—such shows as Denver, San Francisco and Phoenix where more Western cattle compete. However, some cattlemen still point out that quite a number of breeders do not show their cattle at such points and therefore the Register of Merit is not a complete measure of Hereford excellence. Others maintain that the show yardstick is not a satisfactory one. But breed officials and leading breeders bring out the fact that great progress has been made under it. And it is a fact that a high percentage of the star sires of the breed—those that have worked substantial improvement—are high in the Hereford Register of Merit.

Larry Domino 50th, for example, heads the all-time list. There is no denying that his influence upon the beef cattle with the white faces and red coats has been second to none in recent years.

Famous Blood. Nearest to him, and still living, is CW Pr. Domino 21st, the Largent bull which has been highly successful in shows and pastures.

Then comes the great foundation sire of our time, Prince Domino, whose blood flows probably in well over 50% of all the Herefords of today, is registered and commercial.

Study of the list recalls that no one breeder, nor any one section of the country, dominates completely or has a monopoly on the production of Register of Merit sires. The same is true of females where Izatone is still at the top of the list, though she may be unseated this year as the produce of MW Mixer 12th continues to show in the Milky Way Herefords string from Phoenix, Ariz.

The Register of Merit rank follows:

<p>| BULLS—Sires of Five or More Winners With 100 or More Points |
|--------------------------|------------------|------------------|-------------------|</p>
<table>
<thead>
<tr>
<th><strong>Rank</strong></th>
<th><strong>Name</strong></th>
<th><strong>Winners—No. of</strong></th>
<th><strong>Total Points</strong></th>
<th><strong>Breeder</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Larry Domino 50th</td>
<td>26</td>
<td>19</td>
<td>45</td>
</tr>
<tr>
<td>2.</td>
<td>CW Pr. Domino 21st</td>
<td>24</td>
<td>27</td>
<td>51</td>
</tr>
<tr>
<td>4.</td>
<td>HC Larry Domino 12th</td>
<td>18</td>
<td>10</td>
<td>28</td>
</tr>
<tr>
<td>5.</td>
<td>Prince Domino</td>
<td>16</td>
<td>10</td>
<td>26</td>
</tr>
<tr>
<td>6.</td>
<td>MW Holmoom 87th</td>
<td>9</td>
<td>9</td>
<td>18</td>
</tr>
<tr>
<td>9.</td>
<td>MW Larry Domino 12th</td>
<td>5</td>
<td>6</td>
<td>12</td>
</tr>
<tr>
<td>14.</td>
<td>Hazford Tone</td>
<td>8</td>
<td>12</td>
<td>20</td>
</tr>
<tr>
<td>15.</td>
<td>Mischief Mixsuch 25th</td>
<td>8</td>
<td>10</td>
<td>28</td>
</tr>
<tr>
<td>16.</td>
<td>Bonnie Lad 20th</td>
<td>10</td>
<td>10</td>
<td>20</td>
</tr>
<tr>
<td>17.</td>
<td>Beau Blanchard 150th</td>
<td>12</td>
<td>13</td>
<td>25</td>
</tr>
<tr>
<td>19.</td>
<td>WHR Princess Mixer</td>
<td>12</td>
<td>12</td>
<td>24</td>
</tr>
<tr>
<td>20.</td>
<td>WHR Proud Princess 9th</td>
<td>8</td>
<td>9</td>
<td>17</td>
</tr>
<tr>
<td>22.</td>
<td>Publican Domino</td>
<td>5</td>
<td>17</td>
<td>32</td>
</tr>
<tr>
<td>23.</td>
<td>Prince Domino</td>
<td>5</td>
<td>17</td>
<td>32</td>
</tr>
<tr>
<td>24.</td>
<td>ORJ Royal Domino 16th</td>
<td>8</td>
<td>14</td>
<td>22</td>
</tr>
<tr>
<td>25.</td>
<td>Braemore</td>
<td>3</td>
<td>8</td>
<td>12</td>
</tr>
<tr>
<td>27.</td>
<td>Prince Domino</td>
<td>10</td>
<td>10</td>
<td>20</td>
</tr>
<tr>
<td>29.</td>
<td>Bac 0JH Royal 1st</td>
<td>4</td>
<td>6</td>
<td>10</td>
</tr>
<tr>
<td>30.</td>
<td>Bac 0JH Domino 33d</td>
<td>5</td>
<td>9</td>
<td>14</td>
</tr>
<tr>
<td>31.</td>
<td>Perfection Fairfax</td>
<td>6</td>
<td>6</td>
<td>15</td>
</tr>
<tr>
<td>32.</td>
<td>Repeater</td>
<td>9</td>
<td>7</td>
<td>16</td>
</tr>
<tr>
<td>33.</td>
<td>WHR Double Princess</td>
<td>14</td>
<td>3</td>
<td>17</td>
</tr>
<tr>
<td>34.</td>
<td>WHR Triumph Domino 45th</td>
<td>10</td>
<td>7</td>
<td>17</td>
</tr>
<tr>
<td>35.</td>
<td>Gay Lad 9th</td>
<td>4</td>
<td>5</td>
<td>11</td>
</tr>
<tr>
<td>37.</td>
<td>Woodford 9th</td>
<td>7</td>
<td>7</td>
<td>14</td>
</tr>
<tr>
<td>38.</td>
<td>Dandy Domino</td>
<td>4</td>
<td>6</td>
<td>10</td>
</tr>
</tbody>
</table>

**Western Livestock Journal**
MALES

Discrepancies in the extraction of text from the image have resulted in some characters being unreadable. The following information is provided in the text version:

- Dakota Ranch
- Flat Top Ranch, Walnut
- Flat Top Ranch
- Robert H. Hazlett
- J. N. Camden
- W. J. Largent
- W. J. Largent
- Van Natta Ranch, Lafayette, Ind.
- G. D. Goodell & Son
- Wyoming Hereford Ranch
- Wyoming Hereford Ranch
- Wyoming Hereford Ranch
- Packard
- (Baca Grant)
- WyomIng Hereford Ranch
- J. L. Frater
- The Cattle
- W. T. McCray
- W. J. Largent

FEMALES—Dams of Two or More Winners With 25 or More Points

<table>
<thead>
<tr>
<th>Breeder</th>
<th>Principal Exhibitor</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert H. Hazlett</td>
<td>Colvert Ranch, Mill Creek, Okla.</td>
</tr>
<tr>
<td>C. M. Largent</td>
<td>Colvert Ranch, Mill Creek, Okla.</td>
</tr>
<tr>
<td>E. H. Taylor, Jr.</td>
<td>WyomIng Hereford Ranch</td>
</tr>
<tr>
<td>C. M. Largent</td>
<td>Colvert Ranch, Mill Creek, Okla.</td>
</tr>
<tr>
<td>R. M. Cassady, Whiting, Ida.</td>
<td>Wyoming Hereford Ranch</td>
</tr>
<tr>
<td>Silver Crest Hereford Farms, Ft. Worth, Tex.</td>
<td>Wyoming Hereford Ranch</td>
</tr>
<tr>
<td>Fred DeFord, Kremmling, Colo.</td>
<td>Sierasca Hereford Ranch, Phoenix</td>
</tr>
<tr>
<td>Harry C. Pearson, Indianapolis, Iowa</td>
<td>Wyoming Hereford Ranch</td>
</tr>
<tr>
<td>C. M. Largent</td>
<td>Wyoming Hereford Ranch</td>
</tr>
<tr>
<td>C. A. Smith</td>
<td>Wyoming Hereford Ranch</td>
</tr>
<tr>
<td>W. J. Largent</td>
<td>Wyoming Hereford Ranch</td>
</tr>
<tr>
<td>J. C. Andreas &amp; Sons, Manchester, Ill.</td>
<td>Wyoming Hereford Ranch</td>
</tr>
</tbody>
</table>

*Listing sizes 1 includes one steer.
<table>
<thead>
<tr>
<th>Rank</th>
<th>Name</th>
<th>Winners</th>
<th>No. of</th>
<th>Breeder</th>
</tr>
</thead>
<tbody>
<tr>
<td>24.</td>
<td>Bonny Domino</td>
<td>2</td>
<td>4</td>
<td>Charles H. Harris</td>
</tr>
<tr>
<td>25.</td>
<td>Coloreda Laun 74d</td>
<td>6</td>
<td>4</td>
<td>Alfred Meeks, Dalhart, Tex.</td>
</tr>
<tr>
<td>26.</td>
<td>Lady Fearless</td>
<td>3</td>
<td>3</td>
<td>W. N. Collier, Fulton, Mo.</td>
</tr>
<tr>
<td>27.</td>
<td>Miss Green Taffy</td>
<td>2</td>
<td>2</td>
<td>R. E. Fogle</td>
</tr>
<tr>
<td>28.</td>
<td>Princeps Rose</td>
<td>2</td>
<td>2</td>
<td>C. E. Bricker</td>
</tr>
<tr>
<td>29.</td>
<td>Miss Lady Domino</td>
<td>2</td>
<td>2</td>
<td>Noodle Hereford Ranch</td>
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<tr>
<td>30.</td>
<td>Royal Princess 3d</td>
<td>2</td>
<td>2</td>
<td>Delbeard &amp; Breager, Yampa, Colo.</td>
</tr>
<tr>
<td>31.</td>
<td>Lorena Domino 99</td>
<td>4</td>
<td>2</td>
<td>J. F. Miller</td>
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<tr>
<td>32.</td>
<td>Miss Domino 98</td>
<td>4</td>
<td>2</td>
<td>Miss Florence DeBoer, Kremmling, Colo.</td>
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<tr>
<td>33.</td>
<td>Eleanora</td>
<td>3</td>
<td>3</td>
<td>J. E. Logan, Kansas City, Mo.</td>
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<tr>
<td>34.</td>
<td>Ashley</td>
<td>3</td>
<td>3</td>
<td>C. M. Largent</td>
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<tr>
<td>35.</td>
<td>Mary Fairfax 3d</td>
<td>2</td>
<td>2</td>
<td>W. T. McCray</td>
</tr>
<tr>
<td>36.</td>
<td>Miss GaietT</td>
<td>3</td>
<td>3</td>
<td>O. Harris</td>
</tr>
<tr>
<td>37.</td>
<td>Shadeland Queen 2d</td>
<td>1</td>
<td>3</td>
<td>Miss Carew, Atlanta, Ga.</td>
</tr>
<tr>
<td>38.</td>
<td>Miss Perpetuus 3d</td>
<td>3</td>
<td>2</td>
<td>H. J. Glemich, Lincoln, Neb.</td>
</tr>
<tr>
<td>39.</td>
<td>Silver Gelly</td>
<td>2</td>
<td>2</td>
<td>W. H. Curtice</td>
</tr>
<tr>
<td>40.</td>
<td>Miss Eleva</td>
<td>2</td>
<td>2</td>
<td>Wm. J. Davis</td>
</tr>
<tr>
<td>41.</td>
<td>Sadie Aster</td>
<td>2</td>
<td>2</td>
<td>Piney Hereford Ranch, Wolfe, Colo.</td>
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<tr>
<td>42.</td>
<td>Miss Katty</td>
<td>2</td>
<td>2</td>
<td>H. G. Gault, Parnell, Neb.</td>
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<tr>
<td>43.</td>
<td>HC Domino</td>
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<td>4</td>
<td>Ranch Ranch</td>
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<tr>
<td>44.</td>
<td>Miss Butterfly</td>
<td>2</td>
<td>2</td>
<td>Miss Butterfly</td>
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<tr>
<td>45.</td>
<td>Miss Emma J</td>
<td>2</td>
<td>2</td>
<td>Silver Creek Farms</td>
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<tr>
<td>46.</td>
<td>Miss La J</td>
<td>2</td>
<td>2</td>
<td>Fulscher &amp; Kepler</td>
</tr>
<tr>
<td>47.</td>
<td>Miss Pepper</td>
<td>2</td>
<td>2</td>
<td>Jesse Engle &amp; Sons</td>
</tr>
<tr>
<td>49.</td>
<td>Miss Florence</td>
<td>2</td>
<td>2</td>
<td>Jesse Engle &amp; Sons</td>
</tr>
<tr>
<td>50.</td>
<td>Miss Elma</td>
<td>2</td>
<td>2</td>
<td>Stephenson &amp; Hoover, Belt, Mont.</td>
</tr>
<tr>
<td>51.</td>
<td>Miss Eliza</td>
<td>2</td>
<td>2</td>
<td>P. F. H. Labourd</td>
</tr>
</tbody>
</table>
New ABC’s of Animal Nutrition

A stands for antibodies...B for B-12...C for carotene...and so on down the alphabet which livestock and poultry people are learning today. There’s a lot of new facts they’ve found to better growth and better gains for pork, beef, horse, and many other little-known things in livestock feeding, management and marketing of livestock must be taken care of in the proper manner, at the right time, and with due regard for the needs of individual borrowers. Finally, operative efficiency. The many details involved in the breeding, feeding, management, and marketing of livestock must be taken care of in the proper manner, at the right time, and with due regard for the influence of each one on net income.

A Meaty Mouthful

Americans all like to eat good wholesome food. They give praise, and gobbled up this meat. Meat prices we never get too much. We demand “eats up” supplies as our U. S. reserves buy and buy. Yet prices vary. If we view reasons not too hard to see. There’s a lot of pork then soon comes down. When prices are right, when marketing is slow, many fall off. Still, whether one sells or buys, we eat it all.

First is the human factor. Close attention 12 months a year, intelligent study, hard work; and the cooperative effort of all members of the family.

Second, keep operations in line with available resources. Stabilize livestock production by judicious use in lean years of reserve feed supplies carried over from abundant years. Sometimes drought makes it necessary to reduce or even suspend livestock operations.

Third, a livestock program geared to productive capacity of the land, conservation practices, available resources, and the capabilities of the operator.

Fourth, sound financing. In recent years it has been fairly easy to obtain reasonable profits from most livestock operations, and financing has not been especially difficult in most instances. However, in the long run, lending agencies will have a powerful influence on livestock operations; so it is to be hoped that they will keep informed on different livestock production systems and help to adapt these systems to the needs of individual borrowers.

Big “Know-How” is Good!

In times of national emergency, often notice quite a change in the thinking of some folks. I have in mind those who criticize business just for being big.

However, when a problem is a reward of valuable service. It is big. For bigness means growth and big, complicated operations. Many businessmen resign from their local county unions, and that’s all—help the problems created by the emergency. Others give their experienced counsel on the organization of many important government projects.

Personally, I have never gone along with those who argue that it is bad to be big. For bigness means growth and a reward of valuable service. It is my own conviction that bigness—both “big,” medium and small—helps the American people live better, at lower cost. And I maintain that our nation’s businesses of all sizes form one of the essentials in the defense of all the big and little things for which America stands.

Marta Logan’s Recipe for

Yield: 2 qts. (8 to 10 servings) 2 tbsp. pickle relish
2 tbsp. finely chopped onion
1 pound hamburger
1 teaspoon salt
2 cups shell macaroni
1 teaspoon salt
1 cup chopped onion
1/4 cup chopped onion
1 tablespoon salt
2 cups salad dressing
1 tablespoon salt
1 carrot, shredded
Brown the hamburger slightly. Drain off
chill. Combine chilled hamburger, macaroni, pickle
relish, finely chopped onion, salt, salad dressing and
and carrott. Mix well. Chill about 2 hours.
Variations: Add 1/2 cup chopped celery, 2 table­
spoons chopped green pepper, or 1/4 cup sliced pimiento olives.

Swift & Company

UNION STOCK YARDS, CHICAGO 9, ILL.
Nutrition is our business—and yours

OUR CITY COUSIN

Says City Cousin, "What a deuce! This cider tastes like apple juice!"

F. M. Simpson

Agricultural Research Department

Page 47
Weigh your cattle before you sell. Don't guess or average their weight by "jumping them off." Cash in on top prices ... make bigger profits by controlling your "selling" weight with an accurate, dependable Fairbanks-Morse Stock Scale. The profits you save can pay for the scale in a surprisingly short time. Fairbanks, Morse & Co., Chicago 5, Ill.

**SPRAY-DIP for LICE...NOW**

Herds saturated with one application of BHC by the SPRAY-DIP method, now will go through the hard winter, completely free of lice ... reach Spring in thrifter free condition. Don't let profit-thieving lice sap the vitality of your stock, when they need it most ... nor let them consume extra costly winter feed, when you can SPRAY-DIP lice away in one application. Remember, healthy cows bear strong, healthy calves, and thrifty parasite-free bulls will serve more cows.

SPRAY-DIP saturation pays off for stockmen large and small ... in ridding herds of profit-thieving LICE, TICKS, GRUBS, SCAB, and FLIES. No other method can match the speed, the economy, or the efficiency of the SPRAY-DIP, which completely drenches every square inch of the animals to the very pores of the hide with parasite-killing insecticide.

Breeder, Feeders, and Range men by the hundreds have proved by their own experience that the SPRAY-DIP method of parasite control pays big dividends.

**LIVESTOCK SPRAYER MFG. CO.**
771 COLEMAN STREET, SAN JOSE, CALIFORNIA
HE OPERATES 30 WIND MACHINES ON 428 ACRES OF LEMONS!

Paul R. Howe is superintendent of the Oxnard (Calif.) ranch of the Culbertson Investment Company, operating 428 acres of lemons. Mr. Howe writes: "Our equipment consists of 30 gasoline-powered wind machines, 4 pick-ups, 2 gas-powered tractors, 2 flat-bed trucks, a brush cutter, and a spray rig. Union's T5X motor oil has been used exclusively since 1945. Although the wind machines operate under severe conditions, the engines show a minimum amount of wear."

Mr. Howe's experience again proves that heavy-duty T5X can be used in any of your farm engines—gasoline, butane, or Diesel—operating under any kind of condition. This amazing purple oil cleans as it lubricates, keeps rings rears and the formation of harmful carbon and sludge.

Ask your Union Farm Representative about heavy-duty T5X today.

HOW TO PROTECT POTATOES FROM BRUISES AND BUMPS

Agricultural engineers have come to the aid of Idaho farmers who want to keep potatoes bruise-free all the way from digging to dinner table. Special bulk potato harvesters are now being cushioned with natural rubber at every point in the machine where the spud drops 6 inches or more. From bulk truck to storage, via washing and bagging, all points of contact are rubberized. As a result, the famous Idaho potato is coming to market in better shape than ever, to the profit of both grower and consumer.

KEROSENE THAT BURNS STEADILY WITHOUT SMOKE OR FUMES

Another good idea: order a supply of UNION KEROSENE now! When you buy kerosene, you want a product that's clean, safe, and inexpensive. You can't beat UNION KEROSENE on all three counts. Check for yourself how it burns steadily, without smoke or fumes. Watch how it burns for long periods without damaging wicks. Ask your Union Oil Farm Representative for UNION KEROSENE.

FLEXIBLE TEETH ON WHEELS OF HAY RAKE

A welding shop in northern California has developed flexible gathering fingers for wheels on the Morrill rake. The original stiff fingers that extended from the circumference of the wheels wore off rapidly, as they dug into high spots in the field and rolled up a great deal of dirt and gravel. The flexible fingers that replace the stiff teeth last longer because they "give" enough to prevent digging into high spots. In addition, the new V-type side delivery rake is adjustable to throw a double windrow both ways and will turn the windrows in case of rain.
If there is no association listed in your telephone book, the Federal Land Bank will send you the address of the nearest office.

Long-term Land Bank loans—available for all agricultural purposes—are made through conveniently situated local National Farm Loan Associations.

Land Bank loans are designed exclusively to meet the needs of the farming or ranching business.

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

4%

Long-term Land Bank loans—available for all agricultural purposes—are made through conveniently situated local National Farm Loan Associations.

Land Bank loans are designed exclusively to meet the needs of the farming or ranching business.

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

SPRAY and SAVE with a Continental

LOW COST
UTILITY SPRAY KIT

Complete and ready to use for spraying livestock, orchards, fence rows, ditch banks, cleaning brooder houses, etc., the Continental is a precision engineered kit at a low cost. Bronze high pressure pump fits any tractor with a power take-off and delivers up to 15 GPM at 300 PSI at PTO speeds. On the intake side, the Continental pump will pull water 20 feet and elevate it 500 feet vertically. Self-priming, it delivers a 1½" stream.

FARM and GROWER EQUIPMENT CO.
P. O. Box 594-B, Son Jose, Calif.

Efficient Utilization of Phosphate Supplies Urged

Because of a shortage of phosphate for the manufacture of superphosphate, farmers and stockmen are urged to make the best possible use of available superphosphate supplies.

Steps which will help to make better use of superphosphate in the production of crops needed in the defense effort are:

On land that has received moderate to heavy applications of phosphate over a period of years, the demand can be decreased for a year or two without serious decrease in crop yields. Research shows that in many instances the amount of phosphate applied to the past in fertilizers and manures is more than twice the amount taken up in crops. The supply remaining in the soil is still available.

Liming land makes native phosphate and past applications more readily available for plant use. The lime "locks" the phosphate in the soil and to that extent less needs to be applied. Liming land before or at the time superphosphate is put on the land also results in more effective use of the phosphate that is applied.

Soil tests are a valuable guide in determining whether phosphate is needed and how much. Growing and turning under a green manure crop keeps phosphate in the soil slightly more available.

About 25% of all the superphosphate produced in the United States in 1942 was distributed under the Agricultural Conservation Program.

Advice to Young Lovers
By S. OMAR BARKER

Speak softly, if you speak at all,
While saying good night in the hall.
Sweet nothings breathed to one another
Lose much, repeated by small brother!
It's Good Insurance To Own One of These

Willys 4-Wheel-Drive Vehicles

When you are isolated by mud, snow or ice, not only is your family's safety endangered but you are stopped on work that cannot wait.

That's why it's good insurance and good business to own at least one vehicle that will get you through when others can't—a Willys 4-Wheel-Drive Vehicle. They are designed to be useful throughout the year... and invaluable in emergencies. A shift into 4-wheel drive and low-low gear gives you traction to travel roads and ranges that are impassable to anything but a horse.

Each of the vehicles shown here meets specific farm and ranch needs. Ask your Willys Dealer to demonstrate all of them. Then decide which will serve you best.

4-WHEEL-DRIVE
WILLYS 1-TON TRUCK

This 118-in. wheelbase truck is ruggedly built on a special frame to stand up under rough travel on or off the road. With its 4-wheel-drive traction, you can reach your stock—get supplies from town—keep work on schedule. Powered by the high-compression HURRICANE Engine.

4-WHEEL-DRIVE
WILLYS STATION WAGON

The most useful car on any farm or ranch—rides six adults or, with seats removed, hauls a bulky half-ton load. Wide, strong tailgate—hinged full-width— aids in loading. With HURRICANE Engine power and 4-wheel traction, this car will get you through any day in the year!

HOW 4-WHEEL-DRIVE WORKS:

You can operate these vehicles in standard 2-wheel drive or 4-wheel drive, shifting gears with Lever No. 1. Lever No. 2 is used to change from 2-wheel to 4-wheel drive. Lever No. 3 is used to shift into special low gear-range, giving extra pulling power when needed.
Range Bull Project—

Nebraska Shorthorn Program Meets Demand of Midwest Commercial Men

ROVES of Shorthorn and Polled Shorthorn bulls now foraging on the Howard Kennedy ranch east of Broken Bow, Neb., comprise a unique project that will put 102 well-developed, hardy range bulls in the hands of commercial cattlemen when the program winds up with a show and sale Oct. 19-20.

The project, inaugurated by the American Shorthorn Breeders' Assn., stems from range buyers' preference for bulls that have been handled under identical conditions and hardened to rugged terrain.

Western Fieldman Ted Aegerter, in charge of the program, and Shorthorn Secretary Clinton K. Tomson point to the Red Bluff (Calif.) sales, which have shown that commercial men want Shorthorn bulls—but that they want them developed in the section where they are finally offered for sale, and not overly fitted for range conditions.

Officials who hope to make it an annual affair and duplicate it in other parts of the West believe the Broken Bow range bull project is one way breeders can meet the demands of commercial operators.

Features of Project. Here are the features of the Broken Bow program:

The bulls, all calved between April and September, 1950, were consigned by association members in the Midwest who were instructed to select the animals in groups of three for uniformity and to represent preferred type and colors. Tuberculosis and Bang's disease certificates were required. The lots were consigned by breeders who pay pro-rated costs of feed and labor and share the net proceeds of the sale, so the project is much like any other consignment sale.

The project got under way last June 1 when the bulls were turned out on the range, beginning a feeding program that consisted of 12 lb. of grain daily and all the grass they could eat within a range of just under a quarter of land.

They were weighed when they went on the range and are weighed at intervals to determine average daily rate of gain. A prize list of $2,500 has been set up by the national association for the judging. Prior to the placing committee will sort bulls into uniform lots of two or three. A commercial range producer will place the lots and the rangeman's visual rating will be available to buyers on sale day, which follows the Oct. 19 showing of the animals, classified by ages.

Gains. Younger bulls in the project gained more slowly during the first weeks of the program. This was due mainly to their restless nature in running off gains, Aegerter points out. He says that the bulls apparently must be allowed to rest for 12 months of age before they are ready for a hard judgment enough to rest and make the most of their feed.

The slow starters later became the fastest gainers in many cases, Aegerter observes. Apparently they were toughened by the exercise to a point where they were able to go out and forage.
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NAME
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Fall Seeding Advised
For Permanent Pasture

Seeding of pastures for permanent use is a job for September and early October. Grasses are especially adapted to fall planting, as is subterranean clover, a winter annual.

Planning permanent pasture is important. The fescues and Subclover may be used 5 to 10 years or more and deserve a good send off at seeding time.

Good, firm seed beds, worked fine and thoroughly to destroy undesirable weeds and grasses, are necessary. Usually, around 20 lb. of combined seed grasses and legumes are seeded per acre to give a good stand.

Some of the better grasses for fall sowing are: annual red fescue, subterranean fescue, orchardgrass, Tualatin tall fescue, redtop and creeping red fescue. Subterranean clover and crimson clover are probably the most winter-hardy legumes available.

Commercial fertilizers, nitrogen particularly, will help in establishing stands. Late plantings made up to late Oct. 15 will likely be most successful if the grasses or legumes added to the clovers are seeded in February or early March.
3 out of every 4 Registered Beef Cattle Sold during 1950 were HEREFORDS

... and the demand for better registered Herefords still exceeds the supply. Down through the years, Hereford breeders have been ever alert to the extra profits resulting from a proper combination of increasing the pounds produced, increasing the price received and reducing the cost of production. How well they have succeeded is best shown by the fact that with men who raise beef for profit, it's Herefords 3 to 1 over all other breeds!

![Hereford Cattle](image)

**MEAN MORE WEIGHT PER COW** — Top Kansas herd in 1950 weaned a 98 per cent calf crop weighing 498 pounds for steers and 505 pounds for heifers at 204 days. Many 100% Hereford calf crops on record.

**BORN TO GRAZE** and fatten early, Herefords are bred for beef alone. Ability to utilize grass for economical gains, ruggedness, quality and cut-out value are all combined in these market-topping Hereford steers.

**QUICK TO GROW BIG**—Possessed with a vigorous appetite and a roomy middle, thick-fleshed Herefords fatten quickly—produced 2.4 pounds more beef per bushel of corn fed than other purebreds in Ohio experiments.

**GREATER PRICE PER POUND**—Almost without exception the year's top price for grass-fat steers goes to Herefords. Hereford 3-year olds and often 2's produce the grass beef which formerly came from steers twice as old.

**UNIFORMITY** in type, in quality and in being able to sell at a good price is im- perative. Ask the feeders for Hereford calves. The Herefords are ready for market not just by the truckload but by the railload and the trainload.

**An Investment in Added Earning Power that Pays!**

Sale after sale of commercial cattle prove that producers of improved beef cattle receive more per pound and have more pounds to sell than other producers who have spent equal effort.

In the 1950 Virginia Feeder Calf Sales, of some 7,800 steer calves, good and choice calves exceeded common calves by 28 pounds per head in weight and $7.55 per cwt. in price. The added return to the producer of the good and choice kind was $39.23 per calf or $2196 per carload.

**Use of a good registered Hereford bull and culling of the cow herd is what it takes!**

For additional facts about the added earning power of Herefords, write for fascinating FREE booklet today.

**HEREFORDS**

**The Beef Breed Supreme**

**AMERICAN HEREFORD ASSOCIATION**

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Please send FREE Booklet "If You Have LAND and GRASS"

NAME ____________________________

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Page 55
"You Can Get What You Want in—

CALIFORNIA HEREFORDS

1. Scale

California Herefords are known throughout the West for their SCALE. Bred into them for generations. On the markets SIZE and SCALE pay off for you. You can get the breeding stock which produces these money-making features in California Herefords.

2. Conformation

California breeders constantly strive to produce Herefords with good type heads, short necks, good spring of rib, depth, thickness, good strong bone and straight legs. Sure, these are ideals! But members of this association, in their production, approach these ideals closely. You can get all these valuable conformation characteristics in California Herefords.

3. Weight for Age

California Herefords have been selected and bred for WEIGHT FOR AGE. Partly through stressing MIXING ABILITY in herd replacements. Western cattlemen especially appreciate this in their year-around natural and irrigated pasture grazing programs. You can get WEIGHT FOR AGE in California Herefords.

4. Type

With SCALE, WEIGHT FOR AGE and the right CONFORMATION, California Herefords have also maintained mid die-of-the-road TYPE. Type which makes the most money and for which there is the most demand. This type is found in the cow herds and in the herd bulls. You can get that TYPE in California Herefords.

HERE IS THE SUPPLY FOR YOU...

MADERA SHOW & SALE, NOV. 18 & 19

And At The Ranches...

Members of this association welcome you to their ranches at all times, to inspect their cattle. Contact the secretary for names of breeders closest to you, or for a complete list of breeders.

CALIFORNIA HEREFORD ASSN.

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THE

35 B"
AUTHORS PRESENT BOOK—Nic Huddleston, left, and Mal Lawrence, right, present one of the first copies of their new book, American Livestock Biographies, to Lou Merrill, general manager, Western Fairs Assn., Sacramento, Calif. The two Roseville, Calif., men spent three years researching their book, which contains more than 400 pages and 90 illustrations which give the story of the development of various livestock breeds.

The book may be ordered direct from the authors at Roseville, Calif.

1, as do all other livestock entries for the Grand National.

This is the second year in succession that the Grand National has been honored with a national show and sale. Last year the Cow Palace was the scene of the highly successful National Aberdeen-Angus Show and Sale.

THE SALE YOU HAVE BEEN WAITING FOR
CROWE HEREFORDS
AT THE RANCH
DECEMBER 3, 1951
FEATURING
35 BULLS
and
35 FEMALES

At the request of many interested parties we are holding our first annual sale. We have held back for this major event a group of our top bulls including most of the yearling bulls in the show string. We sold no heifers from our 1950 crop and offer them for your approval. They have been carefully screened and the bred heifers carry the service of the best bulls on the ranch.

DONALD DOMINO 26th BLOODLINES

A great feature of this sale is the combination of the bloodlines...that have been working for us. The daughters of NHR NEVADA DONALD 12th, a grandson of DONALD DOMINO 26th, were bred to sons of NHR DONALD DOMINO 42d, an own son of DONALD DOMINO 26th and a full brother of Francis Miller’s DOUBLE DANDY DOMINO. The daughters of the “42d” selling were bred to sons of the “12th.”

A GOLDEN OPPORTUNITY IN THE GOLDEN STATE FOR BLOOD OF DONALD DOMINO 26th. NO OTHER SALE OFFERS SUCH A CONCENTRATION OF “26th” BLOODLINES.

CROWE HEREFORDS Phone 7J2 MILLVILLE, CALIF.
A. H. KARPE'S
Greenfield Hereford Ranch
BAKERSFIELD    CALIFORNIA
10 miles south on Highway 99. You'll see the sign on the barn.

ANNUAL SALE JANUARY 7
need animals sold in America are Herefords

BACA DUKE 2d is one of the top hereford sires
(produces regularly straight legs, good heads and the type cattlemen want most)

KARPE is the source of Baca Duke 2d's
Baca Grant’s dispersion has shown that OJR Royal Domino 10th Breeding is STILL TOPS

130 granddaughters of OJR Royal Domino 10th... are in the Banner herd

SELLING AT MADERA, NOV. 19

5 top bulls and 3 great heifers, in the annual California Hereford Assn. auction.

We believe that to be more close up “10th” blood than exists in any other herd today. Baca R. Domino 6th is still working and his daughters are nicked beautifully with our new Donald Domino bull as well as with Real Silver Domino 58th.

BANNER HEREFORD RANCH

EM. H. METTLER & SONS, Owners
Lennis Norman, Cattle Manager

CHAMPION PEN 3 BULLS, 1950 CALIFORNIA HEREFORD ASSN. SALE. ANOTHER GREAT BANNER PEN HEADED FOR MADERA THIS SEASON.

D. H. METTLER & SONS, Owners
Lennis Norman, Cattle Manager
PROMOL can cut your feed costs

SHOW WHY:

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"Our Bulls Can't Talk"

BUT THEY

SPEAK FOR THEMSELVES

RUGGED --- GROWTHY

READY FOR SERVICE

SEE YOU

At The California Sales

MONTVALE FARMS

(ALEXANDER VALLEY)

HEALDSBURG, CALIF.

PHONE 7F4

Page 61
NHR BLANCHARD DOMINO 11TH
Double-bred Grandson of DONALD DOMINO 26th

MW LARRY DOMINO 85,
Son of Larry Domino 50

JOAQUIN BLANCHARD 30,
Son of NHR Blanchard Dom. 11

and, of course,

DONALD DOMINO 26th

Rolland Seegers, Route 2, Box 37-B, Tracy, California
Louis E. Smith, Colony Road, Oakdale, California
Robert J. Amarol, 20 McFadden Road, Salinas, California
Thomas Parker, 8 Mile Road, Stockton, California
William L. Amerine, Route 6, Box 1493-A, Modesto, California

These boys started as 4H and Future Farmers and are now producing good Hereford cattle from the bloodlines of the above bulls.

Visit them and see their cattle.

JOAQUIN HEREFORD RANCH

NED B. GOULD, Owner

Office: 1409 H Street
Modesto, California

Ranch: Route 1, Box 244
Ripon, California
Blood tells . . Quality sells . . on any market

Toro Ranch HEREFORDS

Range raised, Good quality

Graded by the University of California, Davis

Long yearling bulls and heifers,
The right kind — priced to sell!

- Ask the men who have bought them. They give satisfaction. Many repeat buyers.
- Known rate of gain on feed utilization program.

WALTER S. MARKHAM
Salinas, California

ALWAYS EXCELLENT STANDS

Says C. S. Merriman of Clovis, Calif.

GERMAIN'S PASTURE GRASS SEED

Send Coupon Today for Free Copy of Germain's Pasture Book

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

Name:
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above photo from Mr. Merriman shows stock grazing in field sown with Germain's Pasture Grass Seed.

Mr. Merriman also 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 seed from which they grow. PLANT THE BEST - Germain's Premium Brand Seeds.

FREE! GERMAIN'S PASTURE BOOK - Send today for a free copy of Germain's Pasture Book. Fully illustrated, it contains complete information on pasture grass seeds, type of soil required, when to plant, moisture and climatic requirements and other invaluable data for the livestock producer and dairymen.

Also Distributors of Dale Butler's Pasture Grass Seed Mixtures
BREEDING!

Most of Kinnyhrook cows are grand-daughters of that greatest son of Prince Domino—Prince Domino Mixer.

Prince Domino Mixer, Jr., a ton-bull, half-brother to Larry Domino and Jayhawker Domino, has been herd sire at Kinnyhrook for twelve years. He and his son, KB Domino Mixer 266th, a 2,100-pound bull out of a Bocaldo cow, have sired most of the present cow-herd.

At the Sunland dispersion in 1949, Kinnyhrook bought the Sunland herd sire, OJR Royal Domino 82d. The “82d” is one of the few living sons of “the immortal 51st” and is half-brother to OJR Royal Domino 10th, WHR Triumph Domino 45th, WHR Triumph Domino 6th, and other famous sons of old WHR Royal Domino 51st.

The crossing of “the 82d” on the grand-daughters of old Prince Domino Mixer is similar to the paternal breeding of the “Baca Dukes,” where a grand-son of “the 51st” was crossed on the grand-daughters of Prince Domino Mixer.

Long-yearling bulls of this breeding will be offered at the Cow Palace and at Madera, or can be seen now at the ranch.

KINNYBROOK FARM

H. Q. HAWES, Owner

Kenwood, Sonoma County, California—On Highway 12
Halfway between Sonoma and Santa Rosa—11 miles from each

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For over 60 years—breeders of Registered Herefords...

Our Cattle are doing fine...

We would be glad to show you the entire herd at any time. Below another in a series of informal views of Chandler Herefords.

OUR SHOW HERD:

Will be shown at ALL MAJOR WESTERN SHOWS
Come around... we will gladly show and tell you about these cattle.

CHANDLER
HEREFORDS

BAKER, OREGON

HERBERT

CHARLES
Saturday, October 13th

REDUCTION SALE of
REGISTERED HEREFORDS
—Old Union Stockyards, SPOKANE, WASH.

78 HEAD
23 cows with calves at side
10 wet cows, calves being retained as herd replacements
2 dry cows
20 bulls, yearlings and two year olds

This offering carries the breeding of:

★ Aldarra Farms—SEATTLE, WASH.
★ Willow Creek Ranch—BELT, MONT.
★ Baldwin Ranch—PLEASANTON, CALIF.
★ Reese B. Brown—BROWNSTOWN, WASH.
★ Chandler Herefords—BAKER, ORE.
★ Warren Herefords—DEER LODGE, MONT.
★ Crawford-Frost—CANADA

NOTE:
I am retaining my complete 1950 Heifer Crop.

M. E. Griffith, OWNER, Priest River, Idaho

NOTE:
I am going to sacrifice an outstanding yearling bull by putting him in this sale. I should keep him. A SON OF TT TRIUMPHANT.

The cows and calves will be just out of my mountain pastures and will show and sell in their natural productive condition.

The yearling bulls I have just started on a small amount of grain. Their fleshing condition will just be enough to show they have the easy fleshing quality and ability to put on meat economically.

H. B. SAGER, Bozeman, Mont., Auctioneer
Miller & Teale, W. 807 Shoshone Place, Spokane, Wash., Sale Managers
Quality carries on

BEAR CLAW HERD SIRES AGAIN PROVE THEMSELVES WITH HEAVY WINNERS THIS SEASON

- **BCR SUPER DONALD 28th** the junior calf by PHR Super Donald 10th. He won four straight championships: at Edmonton, Alta.—first junior bull calf and junior champion and grand champion bull; at Saskatoon, Sask.—junior bull calf, junior champion bull calf and grand champion bull; at North Montana Fair at Great Falls—champion bull; at Midland Empire Fair at Billings—champion bull.

- **BCR MISS DONALD 504th** the Reserve Champion heifer at the North Montana Fair at Great Falls. She is a daughter of PHR Super Donald 50th, a half-brother to PHR Super Donald 10th.

- **CALGARY EXHIBITION**—Seven firsts, nine seconds, four thirds, two fourths, senior champion and reserve champion bull, junior reserve champion bull, grand champion bull.

- **EDMONTON EXHIBITION**—Nine firsts, three seconds, five thirds, four fourths, senior champion bull, junior champion bull, grand champion and reserve grand champion bull, junior champion female.

- **SASKATOON EXHIBITION**—Eleven firsts, three seconds, four thirds, two fourths, senior champion and reserve senior champion bull, junior champion and reserve champion bull, grand champion and reserve grand champion bull, junior champion female and reserve grand champion female.

- **NORTH MONTANA FAIR**—Four firsts, four seconds, five thirds, one fourth, champion bull and reserve champion heifer.

- **MIDLAND EMPIRE FAIR**—Four firsts, five seconds, four thirds, two fourths, champion bull.

**LOOK FOR BEAR CLAW HEREFORDS AT COMING SHOWS AND SALES**

_BEAR CLAW RANCH_

Mrs. J. C. Morrill, Owner
R. E. Leone, Manager
DAYTON, WYO.
3 BIG RANGE BULL SALES

200 BULLS TWIN FALLS IDAHO

TOP QUALITY RANGE BULLS A FEW HERD SIRE PROSPECTS

Buy your Range bulls from the largest bull sale in the northwest. You are assured a large selection from the leading breeders of Nevada, Oregon, Idaho, Utah and Wyoming. All bulls are over 14 months of age and are guaranteed by the breeder and the association.

FUTURITY JUDGING AND GRADING WILL BE DONE OCTOBER 19.

Thirteenth Annual Sales

Auctioneers: EARL O. WALTER, HERMAN SCHWARTZ
Sales Manager: WALTER SCHODDE, BURLEY, IDAHO

For further information write:

LEON WEEKS
Secretary
211 CONTINENTAL BANK BLDG.
BOISE, IDAHO
Year after year rangemen have approved Burstedt type bulls. They have the scale, smoothness, depth of body, length of quarter, and above all ranging ability. Because all of our registered Herefords are raised under range conditions.

They are sons of—Royal Domino 1, of WHR Royal Domino 45 breeding; Modernized by Prince Domino E 26; Princeps Monogram of WHR Breeding, or Square M Donald 10, of Chandler breeding.

Seth & Frank BURSTEDT
CHALLIS, IDAHO

You will have the opportunity to select bulls with good heads, heavy bone, rugged build and backed by our desire to produce better Herefords for you. Our present battery of herd sires carries the top in Hereford breeding. Publican Domino 218, by Publican Domino 160. MW Prince Larry 47, by MW Larry Domino 37. Golden Tone 1, by Bocaldo Tone. WR Duke, a grandson of Colo Dom E 10.
LENZ Herefords

will be sold in these IDAHO sales—

TWIN FALLS  POCATELLO  WEISER  BOISE

OCT. 20       NOV. 3       DEC. 1       DEC. 8

If YOU want to improve the heads on your cattle be sure to carefully look over this bunch of good headed bulls. Lots of bone! Scale with smoothness! We are using RS Royal D Mixer 5, a Mischief Mixer 37-WHR Double Princeps cross. Champ Mixer 2, by RS Denver Mixer, and Prince Domino 833.

CARL LENZ

ASHTON

IDAHO

SEE AND BUY—

PHILLIPS

HEREFORD BULLS

—at these IDAHO CATTLEMEN'S ASSOCIATION SALES

6 at TWIN FALLS • 6 at POCATELLO

Oct. 20  Nov. 3

They are sired by Triumph Rival, by WHR Triumph Domino 26, by WHR Royal Domino 51. A good uniform group. Not highly fitted, but will go right ahead for you without a letdown.

• Need a good proven herd sire?

We cannot use Triumph Rival any longer due to our small herd. He has left us a lot of good young females. He is 6 years old.

We also have 7 open heifers to sell now. They are sired by Triumph Rival.

P. M. PHILLIPS

Herefords since 1916

Idaho Falls

Idaho
The main ranch product was 2-year-old steers, about 50 of them turned off each season, weighing 1,100 lbs. Culled females were off mostly as yearlings. And a cow was marketed each year.

Had the 4,200 acres been completely in live stock it would have been worth from $8 per acre for some of the higher mountain range to around $12 per acre on the lower hill land. Values are different since 1940, ranging now from $18 to $35 per acre. Later, the ranch was increased a bit when Mrs. S. A. Woody gave the boys a section of ground which included the 160-acre homestead their father squatted on many years ago.

Main product. The main ranch product was 2-year-old steers, about 50 of them turned off each season, weighing 1,100 lbs. Culled females were marketed mostly as yearlings. And a cow was marketed each year.

Ward was married 10 years ago. He and Muriel now have two sons, Ron and Jerry. Muriel is the personable former president of the Kern County Cow Belles.

Incidentally, Ward and Muriel and Bob and Evelyn are all well known in the state and county livestock circles. Most people refer to Ward and Bob as "the Woody boys." Until the registered cattle came, the ranch was known as Woody Bros. Now it is Blue Mountain Hereford Ranch.

Now let's look at the herd that has gone from the land the Shorthorns occupied, to the Herefords that are now breeding there. Eimer Woody started with Herefords but before he died the boys had gone on Hereford about 300 head. They carried consistently about 300 cattle until three years ago. This still meant a cow herd almost exactly as he left it.

The importance of better pastures is told in this book. It tells how YOU can have amasing pastures and livestock production . . . with freedom from bloat! It is FREE — Send for it TODAY!
FIFTH ANNUAL
STALEY STYLE SALE

October 26, 1951
at the
RANCH
(3 miles south Pullman)

SHR Flashy Royal 18—Lot 4
Sired by TT Flashy Royal and out of a
WHR Proud Mixer A dam. He made a
very enviable record in our 1950 show
string.

5 Year
Summary of Show Winnings
38 Champions
26 Reserve Champions
144 First Prizes
81 Second Prizes
18 Get of Sire Classes
1 Best 10 Head
(PI show 1950)

WHR PROUD MIXER A
A half brother to the Registry of Merit sire,
WHR Proud Princeptis 9, the 1943 Denver
Champion and sire of the 1945 Champion,
WHR Helmsman 3. This sale includes one
of his sons, seven daughters, and ten
heifers produced by WHR Proud Mixer A
dughters.

This group of heifers, bred to our herd sires, will all sell

SHR Flashette 20—Lot 31
Sired by TT Flashy Royal and
another WHR Proud Mixer A dam. She was Reserve Champion Feeds
Central Washington State Fair and stood second in class at the Pacific
in 1950.

SHR Heiress 1—Lot 34
Sired by TT Royal Heiress 22 and out of a
WHR Proud Mixer A daughter. She was Reserve Champion of the Wenatchee
State Fair and stood second in class to the Reserve Champion Feeds
in the Pacific International in 1951.

SALE
16 BULLS
Herd Bull Prospects
Top Range Bulls

Auctioneers—H. B. Sager, Herman Schwartz
WLJ Representatives—Nelson Crow, Bob Teale

L. C. STALEY, Owner
WESTERN LIVESTOCK JOURNAL
THE
NORTHWEST QUALITY SALE
1951

OFFERING

36 FEMALES
10 Cows & Calves
15 Bred Heifers
11 Open Heifers

Bulls being fitted for Northwest Consignment Sales in 1952

For CATALOGS & RESERVATIONS
write to the ranch

Sale starts at 12 noon
Lunch will be served at the ranch
Principal Woody income is from production of commercial calves like these grown out to 850-lb. yearlings and sold. This year at $32.25 per cwt., sold early.

never over 125 head. The herd was cut in half three years ago, partly to improve the average quality, partly to provide money for purchase of some registered Herefords.

Mrs. Woody and the boys are going into this coming winter with 100 grade Hereford breeding cows and 22 registered Hereford females of breeding age. Plus five bulls for the grades and a herd bull for the registered end. He is Sunland Royal 1st, a son of Royal Triumph 69th, the bull that died recently at Double M Herefords, Adams, Ore.

Herd Improves. "We went into the purebreds," says Bob, "to get bulls for improving our grade cattle. We don't plan to convert entirely to registered Herefords. However, surplus bulls will be sold."

First sale of bulls was made a couple of months ago to Carver-Brown Ranch, Glennville. It comprised ten yearling bulls at $600 each.

It can readily be seen that this purebred venture may pay off handsomely, especially in that these ten yearling bulls didn't cost much more to raise. They were creep-fed as calves, later fed some chopped grain hay, plus cake and some barley. But Woody grass was the main ration.

Marketing of the commercial cattle has changed materially. Instead of selling 2-year-old steers the product is now yearlings, with the boys believe, higher net returns.

Calving starts in October, with most calves on the ground by Jan. 1. Those calves when the cattle come from the mountains in late September are weaned in the fall. Ward reasons, "We'd like to wean earlier, but bringing cows and calves out of the hills before they're ready to come in the fall is a practical impossibility."

Weaned calves go through the winter and are sold the following June. This year the 30 steers sold weighed an average of 857 lb., which is about normal, the boys say.

"Mike DiSalvo (the price control chief) was fairly active about the time we sold," Ward rather gruffly comments, "and the price was off a bit, to $32.25 a hundred."

Income for 1951. A little calculation: 30 steers x 857 lb. x $32.25 = $88,300, or...
and two sons, plr. e a very loose 3-way, part-

di·ved thr ee ways, after n qual amount from eac h

the compan y bank acco unt, 10 b 1,000 each. The

rnc ordinary ranch expense s 
i
to c costs. Labor rarely exceeds $500 per year. The boys
do practically all of their own work, including fencing.

Tools are another expense item, along with gasoline and oil, and fenc-
ing material. The place is pretty well equipped with machinery—a 1,10-ton Interna-
tional truck, 4-wheel-drive Jeep, Farm-
all tractor with mower attachment, hay baler, mowers, rake and buck rake. Six
horses are kept, too.

Passenger cars are individually
owned and operated, rather than com-
pany.

The mortgage still requires regular 
payments. It could have been paid off
many times, but the sounder practice 
seemed to be to improve the ranch and
herd with the money.

The boys don’t take regular vaca-
tions, Ward and his family drive up to
visit his wife’s folks in the San Fran-
cisco area for a couple of weeks occa-
sionally. Both boys and their wives 
regularly attend cattlemen’s meet-
gs, registered Hereford sales 
and other special events drawing cow-
men. And they are active in many 
community and district enterprises.

 Brush Burning. "I’m the ‘fire-bug’ of Kern County," smilingly comments Ward. This is because of his activity in controlled brush burning. He is chairman of range improvement work for the Kern County Cattlemen’s Assm., and a director of that organization.

Up to Aug. 15 this year there had 
been three successful controlled burns in Kern County, with the fourth set for 
that date on the Woody place. Woodys 
expect their burn to bring back the 
grass, raise the water table, freshen up 
the springs and streams and diminish 
hazard of wild fires.

Women and all enter in at burn 
time, almost like the harvest bees of 
old. The women prepare food and serve it. The men all pitch in to build fire breaks, sector the land to be 
burned, plant the fire and keep it un-
der control.

All together the Woodys have a nice 
like we are just slaving here to keep 
this operation going. We feel, in many 
ways, that we are better off than a lot
performance counts most —

of all (there are only 82 total)
REGISTER-OF-MERIT Bulls
in America were developed at
WHR or carry 100% WHR breeding

of all Register-of-Merit points for bulls
were won by bulls developed at WHR
or by bulls of 100% WHR breeding

the "pay off" comes when you realize
7 of these Register of Merit sires are
owned by others, all 100% WHR breeding

You can buy this blood that will work for you, in

Annual WHR Sale – Friday, Oct. 5
selling 35 Herd Bull Prospects – 35 top bred heifers

at the ranch 9 mi. East of Cheyenne, 1 p.m.

It takes PERFORMANCE to build REPUTATION

These WHR cattle are "designed" to make good Herefords better.
You can depend on them. Breeders everywhere endorse them.
You will find them at their best in this sale.

We urge you to Send for catalog for further
complete information, whether or not you attend the sale.
It will be an interesting record of this epoch, feature sale.

WYOMING HEREFORD RANCH
Cheyenne

ART KILIAN, Show Cattle
ORAN GLADE, Bred Heifers
ERNIE GREEN, Breeding Herd

BOB and GEORGE LAZEAR
ELDON BUFFINGTON, Carlot Bulls
ready to go to work for you —

all selling October 5

Senior Bull Calves:

WHR PATHWAY 21th
Calved Sept. 30, 1950
Sire: WHR Royal Duke 77th

WHR DESIGNER 27th
Calved Sept. 6, 1950
Sire: WHR Helmsman 115th

WHR IDEALIST 37th
Calved Sept. 18, 1950
Sire: WHR Ideal Duke 1st

Summer Yearlings:

WHR MIXMORE 14th
Calved June 8, 1950
Sire: WHR Star Helmsman

WHR IDEALIST 14th
Calved May 8, 1950
Sire: WHR Ideal Duke 1st

WHR DESTINY 35th
Calved May 10, 1950
Sire: WHR Helmsman 51st

Bred Heifers:

WHR KATHLEEN 15th
Sire: WHR Regality 25th
Bred April 13, 1951

WHR PHOEBE 21st
Sire: Flashy Cavalier
Bred March 22, 1951

WHR ELITE HEIRESS 45th
Sire: WHR Elite Helmsman
Bred May 13, 1951

These 3 heifers and several more, bred to the popular CHAMPION (below)

35 Excellent Bulls
Representing the best of 
REGISTER of MERIT blood.
As great a set as ever our 
privilege to offer.

We cordially invite you to 
join us October 5
All of us at
WHR

WHR STAR PICTURE 6th in his working clothes.

35 Bred Heifers
bred to
WHR STAR PICTURE 6th
WHR IDEAL DUKE 1st
WHR MIXMORE 3d
WHR ELITE HELMSMAN

a powerful set with 
great potential value

See catalog 
for complete list.
BREEDING to produce...

BETTER-BUILT
HEREFORDS

GS GOLDEN ROYAL 8
SIRE: TT ROYAL REX 2d
DAM: NHR EAULIE DOM 3
We have an excellent set of calves by this bull.

TT TRIUMPHANT 67
SIRE: WHR TRIUMPH DOMINO 45
DAM: WHR LADY CARLOS 6
A full brother to the former Pollock sires, the "23rd" and the "7th.

CH PRINCE PUBLICAN
● His Calves Speak For Him

SIRE: CW PRINCE DOMINO 21
Highest living Register of Merit Sire

DAM: MISS LS MODEL 10
She is out of the Register of Merit cow, BELLE PURITAN 21.

Blending the blood of these bulls with our cow herd of OJR ROYAL DOMINO 10, WHR TRIUMPH DOMINO 45, DANDY DOMINO 46, DONALD DOMINO 26 and BEAU BLANCHARD 155 breeding, we are BREEDING and BUILDING to produce "BETTER-BUILT HEREFORDS."

OUR MADERA CONSIGNMENT

CORDUROY HR TRIUMPH
A son of TT TRIUMPHANT 23 and out of an NHR SUPER DOMINO 9 cow.

CHR TRIUMPH 1
A grandson of TT TRIUMPHANT 38 and a great grandson of BEAU BLANCHARD 155.

Carlson Ranch
BETTER-BUILT HEREFORDS

A. W. CARLSON, Owner
DANVILLE, CALIFORNIA

“TAG” HOWLAND, Manager
High Grass Yield Needed
To Meet Milk, Meat Demand

"All flesh is grass" is the basic axiom in the program of grassland farming the United States Department of Agriculture is promoting to increase the supply of economically produced meat and milk.

The importance of grass seed is further stressed in the USDA publication "Grass Seed Production on Irrigated Land." It offers practical advice to the specialized group of farmers interested in increasing the supply of seed essential in shifting to more grassland farming.

A lawn or pasture calls for close seeding of grass to produce a turf or sod, that is not the best way to promote a heavy yield of grass seed.

The Soil Conservation Service advises grass seed growers to plant in rows at least 36 inches apart and up to 6 feet apart. Such a field yields more grass seed to the acre than a solid stand of thick-growing grass plants competing with each other.

A comparison test in Idaho showed 251% greater yield of smooth brome seed in rows than in solid seeding, and a 612% increase with crested wheatgrass. Nitrogen fertilization proved profitable in seed growing, with a return of about three pounds of grass seed for each pound of nitrogen. Carefully timed irrigation improved both yield and quality.

For the irrigation farmer willing to learn to handle the crop, the specialty growing of grass seed offers advantages. The grasses are perennial and can be managed on a basis of one year of establishment followed by three years of harvesting. This 4-year period will bring into rotation of seven to nine years, and keeps land in better physical condition than repeated annual crops. The grass roots add valuable organic material.

For a seed crop, the rows require good cultivation to reduce weeds. It is well to hand-weed rows to keep the stand pure for variety.

Gladys L. Cooper
Owner
TIPTON, CALIFORNIA

PHONE: TULARE 6-9776
These are Herefords which you will be proud to have in your "Front Pastures."
Consider the two we're selling in

RS PRINCE ROYAL

You might say that our show herd this season is an RS PRINCE ROYAL herd. His sons and daughters won 5 firsts and a reserve championship at the Oregon State Fair. They have type, weight, early maturity and fleshing ability.

OREGON PREMIER HEREFORD SALE
Portland, Oct. 8
at the PACIFIC INTERNATIONAL

BRED HEIFER
In the picture above she is the heifer circled. This was taken last summer. She was two in September and is now bred to TT Onward 3. This bull sired the GRAND CHAMPION steer at Portland last fall. The steer dressed 60.8%. This heifer is a daughter of our RS Prince Royal. We just don't have a better sire of females.

HERD BULL
A lowset, thick, good headed 2-year-old sired by TT Onward 3. These "Onward 3" cattle have scale and bone along with their championship tip. This sale bull is out of a daughter of Baca Domino C 217 . . . more good blood.
We are coming to San Francisco for the first time

9 of us
to the NATIONAL HEREFORD SALE
at the COW PALACE . . . October 31

selling as 3 pens of 3

All sired by one bull . . . COLORADO DOMINO M 276, son of the Banning-Lewis bull, Colorado Domino E 10.

All out of daughters of one bull . . . REAL PRINCE D. 42d, son of Real Prince Domino 33d.

We are coming 2-year-olds. Not as fat as the three full brothers to three of us, pictured above. We have not been stall fed. We were bred and raised in high, rugged Colorado country. In a herd noted for producing cattle "Like peas in a pod." We have size and bone.

Our brothers have sired champion carloads of feeder calves. Others are heading important registered herds.

Western users include Herman Oliver, John Day, Ore.; Bar Cross Land & Livestock Co., Cora, Wyo.; Elwood Williams, Ogden, Utah; Deseret Livestock Co., Salt Lake City.

Bill Sidley of the famous Silver Spur Ranch, Encampment, Wyo., just selected a set of our sisters for a ranch with which he is connected.

Practical cattle outfits, everyone of those mentioned. And we believe that we are three pens of practical bulls which will appeal to any cattleman, commercial or registered, who wants exceptional uniformity and exceptional breeding potential in a set of bulls. See us and talk to our owner at the Cow Palace.

B. P. Franklin
MEEKER -- COLORADO
MEMBERSHIP rosters of state Hereford associations in the West read like a "Who's Who" of the beef cattle industry, for the story behind establishment and widespread success of the breed is told in men-men with foresight banded together to promote the production and cause of quality livestock.

The organization of Western state associations has paralleled closely the formation of the more than 300 state and district groups now functioning throughout the country. Hereford breeders have united to keep pace with an industry that has become a big, important and profitable business in the West.

Here is the role state associations have had in Hereford progress.

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Here is the role state associations have had in Hereford progress.

Arizona's remarkable herd improvement in the last decade is a tribute to the handful of Herefordmen who met Dec. 30, 1932, in the offices of the University of Arizona animal husbandry department at Tucson. Scarcely more than a dozen men were engaged in the registered Hereford business at the time, but this organizational meeting marked the advent of the strong program for herd improvement that since has been carried out in the state.

Arizona Goal. It is fitting that Dr. E. L. Scott, now president of the American Hereford Assn., was instrumental in bringing about this first meeting. Members of the Arizona Hereford Assn. in its first year included Heady & Ashburn, F. C. Kimble, W. T. Roath, N. E. Clarke, E. Ray Cowden, F. Ellsworth, Burnett Brothers, S. L. Bixby, B. H. York, Haskell & Hathaway, J. H. Brokerson, Buford Slover and the university.

Once organized, the breeders imported registered stock from the nation's leading herds. The show record of Arizona Herefords for the past few years reflects the level of breeding that has been incorporated into the commercial cattle industry of the state. Besides introducing superior breeding stock in great numbers, the association has had as its principal activity the Tucson Livestock Show and Sale, which has become the Arizona National Livestock Show.

Popular Choice. As for the cattle, Arizona Herefords have for more than 60 years thrived despite an array of diverse environmental conditions—periodic droughts, extreme variations in climate and an unexcelled variety of native forage—and have made themselves the popular choice of Arizona cattlemen.

Among Arizona's foremost breed enthusiasts is Alan Feeney of Milky Way Herefords, Phoenix, president of the Arizona Hereford Assn. His appreciation of white-faces is shared by Vice President H. B. Thurber, Sonoita, and Secretary E. B. Stanley, Tucson, and the association's board of directors—Mrs. Renee S. Cushman, J. W. Kiechhefer, Jack Speiden, Dr. Scott, Stephen L. Bixby and John A. Thompson.

"Tremendous" is the word that describes the development of the California Hereford industry, according to Geo. A. Smith, Jr., of the California Hereford Assn., that has been carried on at the county fairs and the California Hereford Assn. headquarters in Clovis, Calif. Smith says the growth of the Hereford industry has been most marked in the last decade and that the breed is more popular than ever.

Growth of Industry. The industry has seen more enthusiasm in the beef cattle industry than there is at the present time. Where only a few years ago the beef cattle industry was considered by many as a hilly and mountainous one, now find the fertile valley dotted with high-quality cattle." Smith says the breeders now realize that, with proper care and feeding, they can have the best quality cattle to make a profit. It is evident that we now have a close relationship between the professional breeder and the producer of commercial cattle.

Membership in the California Hereford Assn. has increased this year, and it was formed Jan. 30, 1941, at a meeting at the California Hotel, no. Present were such noted breeders as H. Clay Daulton, Evan Pilcher, II, Joseph Quinn, Cornelius Nolan, Dale Carithers, Merrill Pease, M. I. Graag and F. H. Lane.

Daulton, Carithers and the late Max R. Tucker served as the association's first three presidents, each for two terms. Wray L. Bergstrom of Portland has served as secretary-treasurer since the organization was founded.

The group lost an able officer when Vice President Arthur Brown died this year.

Quality Sale. The group's annual sale at Madera has become established as one of the quality sales in the West, and has done much to boost the prestige of California Herefords across the nation. The 11th sale at Madera is scheduled for Nov. 18-19. The association's sale at Sacramento, established primarily as an outlet for desirable range bulls, is becoming recognized as one of the great programs in the West.

Among the directors of the California Hereford Assn., are such well-known Herefordmen as Calvin Dan Childs, John Crowe, Frank Adams, H. Karp, T. E. Leavey, Alex McClellan, Noble, Harry Parker, Peaslee and Costa. Others serving on the board are Mrs. Renee S. Cushman, J. W. Kiechhefer, Jack Speiden, Dr. Scott, Stephen L. Bixby and John A. Thompson.

The Nevada Herefords, the men who run the Nevada Hereford Assn., headquarters in Reno, need no introduction to the beef cattle industry, for the breeders who are from the Nevada Hereford Association have been producing Herefords for many years, following in the footsteps of those who came before.
When you buy Nyland bulls—

FOR SALE
at the ranch
9 two-year-old BULLS
in Santa Clara County Range Bull Sale, Nov. 17
3 two-year-old BULLS

You can be sure of quality and type because each one has been graded under the University of California plan—and each is priced accordingly.

ARTHUR S. NYLAND
SAN JUAN BAUTISTA, CALIF.

WESTERN LIVESTOCK JOURNAL

WEEKLY AND MONTHLY PUBLICATIONS

Only $4 a Year — $7 for Two Years
Hereford Tour, which is rotated from the northern end of the state to the southern part. An annual sale at Spanish Fork (scheduled this year for Dec. 13) is the third feature of the association's breed-boosting program.

Members of the group have cooperated fully with the Utah Cattle Growers Assn. and the Utah State Extension Service in developing better cattle in the state—only Hereford bulls that grade "B" or better are sold at association auctions.

Bright Future. The association sees a bright future for the breed in Utah because its members follow intelligent breeding programs and because of natural climatic conditions desirable for quality Hereford production. USDA figures confirm this. Cash income received from the sale of cattle and calves in 1950 exceeded $37,000,000. This is a jump of more than $10,000,000 over 1949 income and means that cash income received from cattle and calves is greater than that of either poultry or dairying in Utah.

Among the Herefordmen who turned out for that first meeting at the Ogden Livestock Show in 1944 were R. S. Lusty, Hyrum, Ralph and Clair Winterston, J. S. Singleton, J. K. Wheeler, Ray Jensen, C. B. Hawley and Rulon and Louis Peterson—all of them eager to promote better Utah Herefords. Rulon Peterson served as the group's first president, with Wheeler, then of M & O Ranches, as vice president. Vearl A. Peterson became the second president and Ralph Winterton, Kam-

FRANK A. RICHES
Northwest perennial . . .

ment to obtain a Pacific Northwest fieldman, with the cooperation of Oregon and Washington state associations. Andrew Duffie now represents the national association.

Two years ago Idaho Herefords decided they needed a practical way to hold sales and to back junior exhibits and auctions. With the help of the Ada County fair board and agriculture committee of the Chamber of Commerce, the association built a sale pavilion at the West Idaho State Fairgrounds, Boise. The pavilion has a seating capacity of 2,000, an adequate arena and is heated and well lighted. It is built next to the office building where space for some 40 head of stock is provided.

'Capital Show.' The group's first "Capital Show of Idaho" was held in the new building last year during the first full week of December. It will be held this year and annually hereafter during the first full week of December.

Last fall breeders requested aid from the University of Idaho in carrying out a progeny testing program. Twenty-five bulls were furnished by members and put on test. The results soon will be available, and the Herefordmen believe that some of this kind are continued they will enable the commercial cowboy to take much of the guesswork out of bull buying, although the Idaho breeders realize that progeny testing is not the whole answer to bull buying.

President Nelson R. Hull, Emmett, sums up the Hereford situation in the

**RANGE BULLS - RANGE BULLS - RANGE BULLS**

**ELKO BULL SALE**

**OCTOBER 15**

**ELKO, NEVADA**

**OFFERING 100 GRADED BULLS**

**GRADING SUNDAY, OCTOBER 14, BY**

AL REED, University of Nevada, Reno

FRANK WINCHELL, Commercial Cattlemen, Elko County

HARVEY McDOUGAL, Collinsville, Calif.

This will be a consignment sale of the top bulls of many of the West's leading cattlemen. These bulls will be RUGGED, with SIZE and SCALE and READY FOR SERVICE.

Sale Sponsored By

**ELKO COUNTY FAIR BOARD**
"Excellence of character; as, the Thoroughbred shows quality"

... says Webster about

Quality

MW PRINCE
DOMINO A 13th

LARRY DOMINO
141st

Webster continues...

"Distinctive trait, power, capacity or virtue"

QUALITY long has been recognized as a special attribute of the Hereford breed. Quality of form. Quality of texture. Quality of feeding ability. Quality of reproducing in kind.

IN LONG MEADOW HEREFORDS this is firmly and strongly planted. And by design. By original female selections stressing the Hazlett line. By use of such proved sires of QUALITY as LARRY DOMINO 141st, son of the old Larry Domino, and MW PRINCE DOMINO A 13th. Proof of results: 5 pen championships out of 6 at the last 3 Phoenix shows.

LONG MEADOW HEREFORDS are stepping up the QUALITY in dozens of herds. Let them do so for you. Buyers pay you extra for it.

LONG MEADOW RANCH

MRS. R. T. WILSON, RICHARD F. WILSON, Owners; JACK DEW, Manager

PRESCOTT — ARIZONA
ho this way: “We in Idaho have a great future in the cattle business. Herefords are the cattle that are doing the job—on irrigated pastures, rolling range land and the high mountain ranges. Fully 95% of the beef cattle in Idaho are Herefords. Need more be said?” Vera S. Garrett, Horseshoe Bend, is secretary-treasurer of this active group.

Oregon Organizes. President L. J. Horton of the Oregon Hereford Breeders Assn. feels just as strongly about the abilities of Herefords in his state. Horton heads up the activities of one of the most recently organized state associations—it was formed in 1949—that includes some of the outstanding men in the business of producing better cattle.

Officers serving with him include Herbert Chandler, vice president, and Si Williams, first president of the group, now secretary-treasurer. Among the directors are Walter Hubbard, Ted Ball, Don Hotchkiss, Irvin Mann, Dr. Fred McKenzie and Norman Jacob.

The group works closely with the Oregon Cattlemen’s Assn. in promoting the breed. For the past two years the Herefordmen have mailed out a directory to more than 3,000 commercial cattlemen in the Northwest.

Portland’s Pacific International Livestock Exposition will be the site of the association’s first sale next month. If successful, Oregon Hereford breeders probably will sponsor other sale events.

Membership in the state group, only 70 at this time, is bound to grow as Oregon attracts more and more breeders. The state has advantages for the production of Herefords that won’t be overlooked.

Area Associations. Not exactly fitting the state association pattern is the Northwest Hereford Breeders organization, sponsor of the important annual shows and sales at Spokane and often at other Pacific Northwest points. Members from many states belong to this unit which has been perennially headed by Frank Riches, Buena, Wash. Herbert Chandler, Ba-

FRED H. DRESSLER
Progress in Nevada...

Range Bulls raised as range bulls. Not highly fitted. Ready for heavy service.
Produced by a cow herd strong in Prince Domino and Dandy Domino 46 blood . . . and uniform.
Sired by our regular sires, including PH Golden Bonanza 12, PH Bright Bonanza 12, CH Dandy Donald 41, CH Dandy Donald 47 and UC Rover Domino 8.
Weaning now, 120 top quality bull calves. See them at our ranch on highway 40, 1/4 mile south of Davis.

These yearling bulls are among those we are consigning to:
—MADERA, Nov. 18-19
—SACRAMENTO (SPRING SALE)
—RED BLUFF, Feb. 7-9

P. O. BOX 245 — PHONE DAVIS 3292 DAVIS, CALIFORNIA
SUN ROYAL 2d CALVES
MERIT YOUR CONSIDERATION

OUR FIRST COMPLETE CROP NOW READY FOR INSPECTION

We have a Hereford combination that spells INDIVIDUALITY! The senior sire, SUN ROYAL 2d, is by a Mission Hereford Ranch bull, Royal Triumph 34th, and out of a daughter of WHR Safety Domino 8th. “8th” sired the famous Sunland Domino 33d. Assisting SUN ROYAL is GS GOLDEN DON 19th. He carries DONALD DOMINO 26th on both sides of his pedigree. Western cattlemen know what that means.
We Now Have Some Good Selections in Hereford Females and Bulls---

Products of a cow herd consisting largely of daughters of Baca R. Domino 47, Baca R. Domino 75 (both sons of OJR Royal Domino 10th), WHR Beau Blanco 6, Don Mixer 6, WHR Princeps Domino 62. You'll recognize that breeding as being of the very best. Younger stock now sired by our two good young herd bulls: PR LARRY DOMINO, son of MW Larry Domino 200 and out of a daughter of WHR Onward Domino 22; RL ROYAL PRINCE 2, son of JEO Royal Prince 3 and out of a daughter of Real Prince 59.

Hi-Hope specializes in good Herefords on good irrigated pasture. View at right illustrates our pasture development.

RANCH LOCATED BETWEEN OCEANSIDE AND FALLBROOK, 3½ MILES EAST OF SAN LUIS REY MISSION

SAN LUIS REY, CALIFORNIA

ANATOL M. JOSEPHQ, OWNER • "BUD" GERMAN, HERDSMAN
The HEAVIEST BULL in his class at DENVER

MW LARRY MIXER by MW LARRY DOMINO 83rd
(One of the Junior Herd Sires at Milky Way)

Here's plenty of SIZE FOR AGE —
and in the right kind of package

MW LARRY MIXER was the heaviest junior yearling bull weighed at the 1951 Denver Show. 1540 pounds at 24 months of age. He was probably also the heaviest boned and the shortest legged bull in his class. He has a lot of size for age by the correct measure-weight. And he has it at the age when it counts. The age when most good beef cattle should go to market. We also had the heaviest summer yearling bull at Denver in our 1951 Denver Champion MW Prince Larry 62nd. He weighed 1470 pounds at 20 months of age.

Good cattle don't have to be tall, rough and late maturing to be heavy.
featuring our 2-year-old herd sire . . .

SUNNY TRIUMPH 100

Many breeders consider him to be the smoothest, best fleshed, best headed, best type bull yet produced by the Denver champion, TT Triumph 16th. You really should see him. He's out of a WHR Royal Domino 7th cow.

RAY E. RYDER, Owner

Diamond R Herefords
Turlock, Calif. Rt. 3, Box 313
Phone Turlock 4-5732
Ranch located 3 1/2 miles west of Hilmar, Calif.

Offering now . . .

Heifers bred to Sunny Triumph 100. Also for sale: some good yearling range bulls, and open heifers.

We will consign a set of good range bulls to the Red Bluff and Sacramento sales in February.

STOPL
and look at these
uniform, smooth fleshed, hardy Colorado bred

McKINNON BULLS and HEIFERS

showing and selling at the

National Hereford Sale
COW PALACE, SAN FRANCISCO Oct. 31
Selling a pen of yearling bulls sired by Tommy Domino Jr., and a pen of heifers sired by WHR Ruling Star T.D.

Ogden Livestock Show
INTERMOUNTAIN HEREFORD BREEDERS' SALE Nov. 12-13
Selling a pen of 5 yearling bulls and a pen of 3 yearling heifers—mates to the reserve champion heifer pen last year.

Wayne T. McKinnon — Meeker, Colorado
Our Cattle Creed

We Believe, first of all, in the Hereford breed. Their great numerical superiority throughout a wide range, from Canada to Mexico, proves their popularity with the cattle grower, the feeder and the packer. We think the worthy objects of crossbreeding can be obtained by proper selection within the Hereford breed, with a resultant simplification of management and saving of costs.

We Believe in large— but not rangy—Herefords with breedy heads, heavy bone, natural fleshing ability, smoothness and quality— the commercial cattleman’s kind of cattle. (We are pleased to note a trend toward this kind on the part of show judges.)

We Believe in outcrossing the better Hereford families— rather than inbreeding— as the best means of maintaining size, ruggedness and vigor.

If you think we are on the right track, we would like to show you our cow herd, our herd bulls and the herd bull prospects and range bulls we have for sale at the ranch. We have some really top sons of WHR Double Princeps to offer.

This season we will show only at the later shows—Phoenix, Denver and Ft. Worth. Come see us this fall, or let us know what you are looking for by letter or phone.

Walter and Roy Holland
Phone: Willcox 62-R2

Rancho SACATAL
DOS CABEZAS, ARIZONA
37 BULLS FOR YOU
HEAVY • SOLID • RUGGED • READY TO WORK
• HOY HEREFORDS

17 For sale at
THE RANCH

5 Selling at
MADERA
Nov. 18-19

15 Selling at
RED BLUFF
Feb. 7-9

THR PRINCEPS 3 5703248
| WHR Double Princeps  | WHR Princeps Mixer  |
| RS ROYAL PRINCEPS 2  | WHR Cynthia 29      |
| 4316612              | RS Chief Domino 2d   |
| RS Apache Belle 58   | RS Douglas 4         |
| Miss THR Top Dom. 24 | Real Domino 4 SQ     |
| 4965312              | Hased Fairfax        |
|                       | WHR Reality 18       |
|                       | Ruth 6               |

Hoy bulls are raised in the open.
You'll like the way they work,
and the calves they sire.
Richly bred sires now in service
to turn out more good Hoy
Herefords for you—
- THR PRINCEPS 3
- PRINCE DOMINO A 14
- CH DANDY DONALD 24
- HHR LARRY ONWARD 3

HOY’S
HEREFORD RANCH
A. B. HOY & SON
Box 688 — Phone 4171
WEED, CALIFORNIA

SECRETARY—Jack Turner has
been secretary of the American
Hereford Assn. since 1946. He is a
native of Houston, Texas, and a
graduate of Texas A&M. Prior to
his association work, Turner owned
Silver Creek Farms, Ft. Worth, and
built his own herd of Silver Crem
Hoy.

pounds times top market price equals
added profit.

Throughout the history of the Chi-
cago show, the Hereford steers
that have been named grand cham-
ions of other breeds. An 8-year sum-
nary of recent Ohio Experiment Sta-
tion results shows that Herefords ac-
tually produced more pounds per day
and more beef per bushel of corn than
the other breeds represented. This is
one of the reasons why Herefords are
popular from coast to coast. They pro-
vide more beef per unit of feed.

Uniformity Also Important.
Uniformity is important and Herefords
have it. It is uniformity in type, re-
quired in a market-topping calf,
in everyday trading or a grand cham-
pion load in a major show. It is im-
portant, too, in sales of the crop of
feeder calves, yearlings, or grass fed
steers. Hereford uniformity and feed-
have dominated the fat calf cham-
pionships of the major
recent years. For example, Here-
grand championships:
Kansas City—6 out of the past
shows; Chicago—6 out of 9; Denver—
11 out of 12; San Francisco—5 out
of 6; Los Angeles—7 out of 8; and
Denver—5 out of 6.

Uniform excellence in Herefords
feeder calves also has been a factor
the breed’s overwhelming domi-
ance of the interbreed feeder cattle
Results at three
Kansas City—Herefords have won
grand championships out of 37 award-
Denver—Herefords have won 34 of
championships out of 45 awards. Chi-
grods" out of the past 23 shows. Chi-
cago—Herefords have won 34 grand

WEED, CALIFORNIA POINT REYES STATION, Calif. Phone Inverness 50J (Marin County)

Page 92
We bring to the
season's shows & sales

PETERSON LARRYS

ELKO . . . Oct. 12 & 13
Our consignment of 12 bulls to the Elko Bull Sale includes 2 pens of 3 and 1 pen of 5. The rugged, ready-to-go
Petersen kind that range men really like.

OGDEN . . . Nov. 12 & 13
Home sale for us. Selling pens and individual females bred to "LARRY 89th" and "LARRY 6th". Good ones. Pens of
Petersen bulls, too.

SAN FRANCISCO . . . Oct. 31
In the National Hereford Sale at the Cow Palace we are selling 2 pens of bulls and a pen of heifers. Heifers bred
to "LARRY 89th" and "LARRY 6th".

LOS ANGELES . . . Nov. 30
For the Great Western Hereford Sale we've held back 3
pens of 5 bulls and a pen of good females. Again that
good LARRY breeding.

LOTS OF COMING TWO-YEAR-OLD BULLS FOR SALE
AT OUR RANCHES!

Peterson Bros.
OGDEN, UTAH — ELKO, NEVADA

Petersons have taken 47 championships and reserve championships in the last 12 years.
RAIN BIRD SPRINKLERS

give you water when you need it
... where you need it!
From California to Timbuktu,
where irrigation is the problem,
Rain Bird Sprinklers are the answer.
They save water, stop erosion,
provide even distribution of water
at less cost, less labor!
There's a Rain Bird Sprinkler
designed especially for your irrigation problem. Consult our research
department today... No obligation, of course.

EASY TO APPLY—LOW IN COST
Bulk or baled haystacks, covered with
SISALKRAFT, are protected from
rain, rot and sun-damage which
cause loss of feed-value. Strong, water-
proof, and so tough you can hardly
tear it, SISALKRAFT paper will
protect your hay. Use 6 or 7 ft. widths.

COVER YOUR HAYSTACKS
with genuine sisal-reinforced—
SISALKRAFT

GOOD MOTHERS. The added thrift,
vigor and constitution of the Hereford
cow enables her to nourish her calf
well and breed back without delay. The
Hereford cow has unsurpassed ability
to protect her young from the extre-
mes of heat or cold in whatever
natural shade or shelter is available. They
have unrivaled ability to make the best
of conditions in which food and water

championships out of 50 awards and 16
"grands" out of the past 17 years.

Show Records Alone Not Enough. However, it must always be kept in
mind that triumphs at the shows alone
are not proof of the breed's ability to
produce beef where only grass can
grow. It takes more than gleam in a
bull's eye to produce beef on the range,
and the Herefords' ruggedness, grazing
ability and prolificacy have yet to be
equalled or excelled.

It's not just the average weaning
weight of the calf crop, but also the
percentage of calves produced that
make Herefords wear more calf weight
per cow. In accomplishing the top
calf weight per cow, the breeding and
suckling ability of the cows, the breed-
ing ability of the bulls and the graz-
ing ability of the calves themselves are
all combined. Excellence in these fac-
tors keeps Herefords the choice in the
country's commercial herds.

Hereford producers won 12 of the
13 plaques and certificates awarded in
the feeder calf division of the 1950
Kansas Beef Production Contest. The
top award was made by a Hereford
herd which weaned a 98% calf crop
weighing 498 lb. for the steers and 505
lb. for the heifers at 204 days of age.
Another Hereford herd in the contest
produced a 100% calf crop on 79 cows,
and the calves averaged 2.28 lb. gain
per day from birth to weaning—prod-
ucts of grass and Hereford milk.

SVR LARRY DOMINO

Sire: MW Larry Domino 45th by Larry 267th and out of cow by Donald Binche.
Dam: RRR Miss Bullion 7th by View 90th and out of cow by Sir Patient.
Could you have better ancestry for modern production? Blood that would draw envy
ers to your cattle? Here you have it in
that is wide, stands with a perfectly
wideset leg on each corner. He is smooth as an
apple, long in the hip, and sound as a dollar. Ready to sire
calves for you.
See SVR LARRY DOMINO anytime at Herdsons in the High Sierra or at Herdson's home of our sole cattle. See our
Nov. 10 consignments, too. Both bull and
females.

FIDELMEN—Camerman caught Fieldmen
Andy Duffle (left) of Walla Walla, Wash.
and his smooth-headed Polled Grandson
Larry Domino 50th at 1950 Ogden Livestock Show. Both represent American
Hereford Assn.—Duffle in Washington,
Oregon, Idaho and western Montana and
Springle in the Dakotas, Nebraska, Wyo-
ming, Colorado and eastern Montana.
Fifth annual

Crook County Hereford Breeders Show & Sale

Show-Oct. 23
Sale-Oct. 24
1 P.M.
12:30 P.M.

Where

Crooked River Roundup Grounds
Prineville, Oregon

Number

50 bulls & 17 females

Consignors

All of Oregon
J. R. Breese & Sons...Prineville
Jerry Carrier .........Prineville
A. C. Hearsch .........Salem
J. L. Jacob & Sons...Prineville
Kelldano Hereford
Ranch ..................Lapine
R. E. Lynds ............Redmond
Kenneth Martin ..Grass Valley
Jack McCaffery .Powell Butte
Burns Montgomery ..Prineville
Wagontire Ranch .....Lapine

The Cattle

Almost all of the bulls are old enough for immediate service. They are rugged, well grown out and not too fat to make them way on the range. We do not sell highly fitted cattle in annual Hereford auctions ... The females consist of cows and heifers. Most of them carry the service of choice herd sires...

Most of today's breeding improving blood lines are carried by these cattle.

Judge
Warren Bayliss, Medford, Ore.

Auctioneer
Ellis White, Ontario, Ore.

Catalogs and Reservations
Write either Norman Jacob, president, Crook County Hereford Breeders' Assn., or Doris Breese, secretary, both of Prineville.
Both our heifers in the Portland sale were bred to this good young bull. See him at Portland. We’ll have 15 cows bred to him by then.

NEW REPRESENTATIVE—M. H. McDonald of San Jose, Calif., is the American Hereford Assn.’s new Western representative. The association’s territory includes California, Arizona, Nevada and Utah.

...is the young herd bull prospect we bought of Mission to use on daughters of TT Majestic 7.

ROYAL COUNT

TWO HEIFERS and A BULL selling at PORTLAND ... OCT. 8

In the Oregon Premier Hereford Sale at the Pacific International.

WHIS MAJ. PRINCESS 3

is our other heifer sale entry. Same sire as Miss Advance, and out of a daughter of Miller’s famous DOUBLE DANDY DOMINO. You will like these fine young females to add to your herd.

WHIS Royal Princes 5283693 Royal

bought with dam at the Switzer & Field dispersion. His dam, Miss G. Mixer 71, was included in group of 12 top producing cows in that great sale. Look over her pedigree closely. Here might be an outstanding herd bull prospect.

U. ROYAL MIXER 39th 6193171—Calved Jan. 1, 1950

Bred by Switzer & Field.

Walter P. Hubbard & Son

WHS FARMS ... Junction City, Oregon
Blue Mountain Hereford Ranch

**REGISTERED HEREFORDS**

You can profit from our years of experience

During the last few of over 25 years in the commercial cattle business, we have developed a small registered Hereford herd. We knew the type and quality of bulls and females that would do the best job for us.

That's why we purchased our herd sire SUNLAND DOMINO 1st (son of Royal Triumph 69th, a Mission bred bull). He is really 'nicking' with our carefully selected cow herd. They are producing some outstanding calves. You are welcome to see them at the ranch anytime.

WOODY BROS.

35 MILES NE OF BAKERSFIELD CALIFORNIA

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John Zwald
AND SON
Registered Herefords

OAKDALE, CALIF.
Ph. 9268

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Smith & Cunliffe

REGISTERED HEREFORDS

For Sale—

18 YEARLING HEIFERS

Sired by S Real Silver Domino 15th. From cows by Chandler’s Tone 10th, Good Donald 11th and Bar 13 Jupiter Domino 40th.

We have started breeding them now.

We expect to have a consignment at the Midco Sale in Moro, Ore. and also at Ellensburg, Wash.

Goldendale, Wash.

(Ranch is located 8 miles west of Goldendale)
and still better. When the present association building was completed in 1921 the association moved from 600 square feet office space to 14,000 square feet in location. Some 30 employees toiled the force at that time. Today 180 office employees plus the records on nearly 7,000,000 Herefords in the old building virtually bursting at the seams.

Today nine full time and several part time fieldmen represent the association in every area. Western fieldmen include Steamboat Springs, Wyoming; Andy Duffie, 426 North Blue Walls, Wash., with the territory consisting of Washington, Oregon and Idaho as well as western Montana; Charles Hunt, 114 West 10th St., Stillwater, Okla., covering Oklahoma, Texas, New Mexico; and M. H. McNeil, 196 Bel Ayre Dr., San Jose, Calif., whose territory comprises California, Arizona, Nevada and Utah.

A national advertising program carries the Hereford message to some 7,000 readers of 35 state, regional and national publications, and a department of public relations rounds out the program of record-keeping and promotion for the Hereford breed.

Addition to the national association, more than 300 state or district Hereford associations are conducting sales, holding field days and sponsoring shows to help the cause of quality live-stock in their areas.

No Place for Complacency. If Hereford breeders, nationally, maintain their traditional urge to keep improving their cattle and keep their eyes on what it takes to make money in the commercial producer, they will have a sound and enduring future.

There must never be any tendency to overlook improvement just because the breed is the most popular today. Every drouth, every depression and every severe winter of the past has proved the Herefords' added fitness for production in America. In fact, their greatest gains have always been made when the going was tough.

California Clover Crop Studied by Agronomists

Problems of ladino clover production in California were surveyed recently by E. A. Hollowell, agronomist in charge of clover investigations for the USDA, and M. L. Peterson of the agronomy division on the Davis campus of the University of California. Two men visited the principal ranches to which this crop is grown. The most important legume in California pastures, ladino is also used throughout the country. Extensive trials are dependent upon Western-
BIG OPERATION—Beef-producing irrigated pasture mixes adjacent to major feedlots is one of the far-western developments illustrated by this air view of the Coachella Valley Feed Yard, Thermal, Calif. Pastures in the background and fresh fields under preparation in the foreground will handle overflow from feedlots and furnish cheap gains for certain categories of cattle before they are put in drylot for finishing touches.

‘WINTERIZE YOUR PASTURE’ Continued From Page 39

Growth as a cover in winter. Strong, sturdy plants are in better trim to cope with the cold months; (b) Water the pasture well before frost-time. A dry pasture is a weakened one; (c) Put on commercial and manure fertilizer. Many pastures are low in nitrogen and phosphate by the end of the grazing season; (d) Keep stock off pastures during winter. Trampled plants and a chopped turf cut into forage yields the coming season. He explains, “If you graze plants too closely in the late fall you’ll sap them of power to manufacture and store energy-building plant food in the roots. Plants manufacture much of their food from the green leaves and stems above ground. It’s important to give the plant food factory a chance to replace reserves for early growth.

‘Pasture plants need a lot of food if they are to grow in spring. Some ranchers lengthen the grazing season as much as two or more the following season by careful management as winter approaches. White likes to see a few inches of cover.

Water Necessary. Fall shouldn’t go into winter bone dry on the plant root zone, but deep water is White’s recommendation. Water helps to keep plants lush and vigorous so they can withstand severe and extended cold spells that carry a full grazing period badly weakened when allowed to dry up in the fall. Pastures should be waterlogged. Irrigate just enough to get a good winter cover ahead of time.

You can rid yourself of a failing herd and vigorously fertilizing in the fall. Not only but proper applications of commercial and barnyard manure, spread in the late fall or early winter, will put in more spring forage. Fall fertilizers make nitrogen and phosphorus available to grasses and legumes for winter growth next spring.

Short Grazing. The range and says ranchers will gain by keeping stock off winter pastures and mows. Forage at this season isn’t worth the cost of trampled plants and chopped sod. If cattle must be moved...
on winter pastures, as is often the case, they should be kept there only for short periods. And, of course, it's a stock rule not to put cattle on a wet pasture. The last field or pasture unit grazed in the fall should be deferred the following spring until other units have been grazed.

White notes that well-groomed, carefully-managed fall pastures are the ones that are producing the most spring forage, silage and hay.

Stockmen Herb Lyn, Tommy Kirk, John Overton, Melvin Lerfald, Lawrence Mellergaard, Birt F. Fisher, Robert L. Rutter, Jr., and Dr. J. C. Hay and sons Jim and Don, whose ranches are near Ellensburg, Wash., make it a rule to get their pastures set for winter. They also see in fall pasture management a practical way to condition their pastures for spring growth.

Cattle ranches in the Ellensburg area are in a mountain valley ranging from 1,600 to 2,400 ft. elevation. The nine inches of precipitation include about two feet of snow. Average temperature through the year is 49°, but winter marks drop to 30° below. The Kittitas valley has an average of 143 frost-free days and a 160-day grazing season. There are many livestock ranches with similar climatic conditions from Ellensburg south to Red Bluff.

Here's how three of the ranchers prepare their pastures for winter.

Leveling Off Point. Rutter, who heads the Washington Cattlemen's Assn., doesn't believe in using a measuring-stick to gauge fall pasture growth. But he believes five inches of growth is a good leveling-off point for winter. He makes the point that the few extra pounds that closely-cropped pasture furnish is usually offset by shortening of the spring grazing season. Over-grazed fall pastures don't "spring up" as fast as well-cared for ones.

He says pastures should be watered well in the fall and shouldn't be allowed to settle in a dry state. Water means a lot to dormant plants. He suggests that ranchers who are not in the habit of irrigating in the fall, keep their eye on grass near ditches. Grass near such waterways looks greener and more lush in early spring than grasses away from the ditch. Water, properly applied, he explains, will do the same for the whole pasture.

Another stockman, Birt F. Fisher, who runs Polled Herefords on his 405-acre spread west of Ellensburg, begins easing up on his pastures about 12 days after the first frost. Mid-October marks the first hay feeding. He keeps the pasture sod firm and tough by taking stock off well ahead of fall rains.

Fishler fertilizes from September to November, using 18% superphosphate at the rate of 200 to 300 lb. per acre. His hayward manure goes on right after the "super." The hardest grazed pastures get the most manure.

Fertilize in Fall. Fall, he says, is a good time to fertilize. Rain, snow and thaws all help to soak fertilizer well into the ground, giving pasture plants

**FEEDER SALE**

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Featuring Car Lots and Pen Lots of Top Quality Feeder Cattle

Lloyd Otton & Howard Schultz

AUCTIONEERS

Durango Livestock Sales Co.

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LA PLATA COUNTY

Cattlemen's Association

A. F. HOTTER, Sec., Durango, Colo.

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CAPACITIES: Up to 30,000 gpm

LIFTS: From any practicable depth

DRIVES: Electric, V- or flat belt or right angle gear drive

LUBRICATION: Choice of oil or water lubricated types

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Please send free Bulletin 8-141-3 describing Peerless deep well Turbine Pumps.

Name ____________________________

Address ____________________________

Town _______ State _______
Domino Prince D2 — Senior Herd Sire

20 RANGE BULLS
FOR SALE AT RANCH

We cordially invite you to see our Registered Hereford recently purchased from Rancho Sierra Vista, Camarillo, California. The original cows were purchased by us 6 years ago from The Nevada Hereford Ranch, The Wyoming Hereford Ranch and Roy Turner in Oklahoma.

Our herd features outstanding cows sired by such bulls as Donald Domino 26, NHR Donald Domino 11, Proud Princeps 9, and Hazford Rupert 81. The Domino Prince D2 daughters of these cows are being bred to Diamond Joaquin 11, an outstanding young prospect recently purchased from the Diamond Ranch in San Luis Obispo.

GORDON G. GUIBERSON

DICK WILLIAMS
Purebred Cattle

Rt. 1, Box 164, Roseville, Calif.
Phone—Rio Linda 5401
to leave a 5-inch cover to protect plants in winter and help them renew their growth more rapidly in the spring.

Most Kittitas Valley ranchers give their pastures much the same fall care as Fisher, Dr. Hay and Rutter, according to Art Miller of the Ellensburg SCS headquarters. His observations of fall pasture care in central Washington fit the pattern of much of the irrigated pasture land south to Red Bluff.

Says Miller: "One of the best ways to prepare fall pastures for winter is to move stock off before the end of the growing season. Plants that go into the frost season grazed down to the crown will be about two weeks later in starting their spring growth. Weak plants will be killed if closely grazed, when severe winter occurs.

"Late winter or early spring frosts kill weak plants. In the spring it's easy to spot frost-damaged pasture plants. Close-by there will often be pastures that are not damaged at all. Our checks show that a week's grazing in late fall will reduce carrying capacity of pastures by as much as 10 to 20% per acre."

Miller says late fall growth of many improved pasture plants is very washy. Cattle make slow gains on such plants, may even lose weight. Fall growth of orchard grass and smooth brome makes poor forage. Alta fescue is less washy and may be grazed later in the fall with less damage and with little loss in cattle weights.

To prevent weevil damage clean out and spray empty grain bins before the new crop is harvested. Use 2 pounds of 50% wettable DDT in 5 gallons of water.
Good Season in Idaho—

We have had a good season so far on weights and prices for Idaho lambs marketed through Ogden. Present price at Ogden is $30 per cwt. on fat lambs and $32 per cwt. on choice feeder lambs.

A string of southwestern Montana feeding lambs weighing 83 lb. sold at loading Aug. 20 at 32 cents, immediate delivery, and the same grower sold to the same buyer his 300 yearling steers for October delivery, weighing 750 lb., at 33 cents.

Some good crossbred whiteface Idaho lambs changed hands in the last 10 days, Aug. 12-22, at 41 cents for 88-90 lb. and 43 cents for May ewe lambs weighing 77 lb. Yearling ewes, current sales, are holding steady at $40 to $45, immediate delivery.—Ray H. Wood, Idaho Falls, Idaho.

A Wonderful Bridge—

This notice of change of address affords me the opportunity to once again compliment you on the excellence of your publication. I wish that I were able to tell you what a wonderful bridge the magazine provides me between my business here in the East and my cattle ranch in California. A few minutes reading and my thoughts carry me right out there. Sort of helps to keep my hand in during the periods I am away.

One of the greatest sources of pleasure comes when a group gets together dreaming of the time they hope to move out and get into ranching—out come the Livestock Journals and we do a little synthetic Western living for a time.—Laurence S. Carroll, Great Neck, N.Y.

The General's Task—

I was pleased to read your tribute to Paul Gantt in a recent issue of the Journal (Aug. 16, weekly). I spent the months of May and June in Western Europe—travelling 5,000 miles in France, Spain, Italy and Switzerland in a small Hillman Minx convertible.

I met and talked with many farmers, small shopkeepers and other citizens of these countries. I heartily agree with Paul Gantt's opinions. The Marshall Plan has been a great success. Without our timely assistance France and Italy, in my opinion, would have succumbed to communist control. These countries are humming with industry and are rapidly recovering.

The most satisfying feature of it is
that while the people of these countries fully realize that our motive for helping them is our own self defense, they are deeply appreciative of our aid.

This was my third trip to Europe. Fourteen years ago my family and I drove by automobile throughout France and Italy. At that time there was little cordiality toward Americans. Today Americans are warmly welcomed and treated most cordially. So far as I have heard from other travelers, this seems to be the unanimous impression.

General Eisenhower is very popular and is doing a magnificent job for which he has outstanding qualifications. In the view of many thoughtful people the general's task is the most important one in the world today.

—Kemper Campbell, Los Angeles, Calif.

**Brush Burning**

On range improvement in Kern County, we set fire Aug. 4 to approximately 1,600 acres in Sycamore Canyon, adjoining me on the south. We had about 60 men on the job—ranchers, firemen and extension service men with fire equipment.

Since it looked like poor conditions for burning that day, we did not start firing until about 9 a.m. Conditions changed fast, humidity went down from 20 to 10, which is ideal. The breeze developed into a wind by mid-afternoon, resulting in what we term a drop-over—jumping over the fire line.

Our secondary position moved back to bring a back-fire around into the original fire area. We had a third defense line, had we needed to use it. The land was very brushy, growing thick for 25 years and eliminating growth of grass completely. Since there is a limit to the length of time a man can pay taxes on unproductive land, a brush-clearing program of this type is a must.

I like the program we are using because it is a cooperative plan carried out by ranchers, forestry and extension service personnel, without use of new budget from the state or nation.

Since it helps nearly everything, stock, game, even water supply, it should have the cooperation of both rural and city taxpayers—whether ranchers, merchants or sportsmen. As it becomes better understood, it will be adequately supported.

Our fire fingered through the area, burning clean where it burned, but leaving about 60% unburned. The rancher can go through and burn more in the fall after the fire danger has been reduced. It will take another fire or two to clean the range, because no one has the final answer as yet.

A few other fires are scheduled in Kern County; one large burn of about 14,000 acres around the Tool-Gate lookout west of Tehachapi is scheduled for Sept. 15. Fire brakes are done, and permit has been issued by the state forestry.

Please Turn to Page 109
FOR SALE

AL J. KALIN'S

K QUARTER CIRCLE RANCH

APPLE VALLEY, CALIFORNIA

93 MILES FROM LOS ANGELES

Now Producing

1,000,000 Pounds of Beef Annually

K QUARTER CIRCLE RANCH, developed by one of the nation's outstanding cattlemen, Al J. Kalin, combines healthful, pleasurable desert living with highly profitable cattle raising and ranching. Three thousand foot elevation ideal for raising thoroughbred race horses. Ranch also produces 3,000 tons of alfalfa over and above food supply for cattle: covers an area of 2,200 acres.

Two private lakes, stocked with Rainbow Trout, one of which holds 10,000,000 gallons of water and is 36 feet deep. Finest fishing and duck hunting.

Delightful living quarters, swimming pool, two guest houses, comfortable facilities for employees. Located in America's only all-year desert resort community, Apple Valley, California, home of the luxurious Apple Valley Inn, with excellent social and recreational activities: all-grass golf course, bridle trails, landing field for private planes.

Facilities and complete equipment for cattle raising more than adequate for expansion of present stock. Thirty fenced pastures, corrals, silos, barns, tools, etc.

The ranch is now operating and is equipped with the most modern machinery and implements available.

For a descriptive brochure and full information regarding income and operating expenses, price and terms on this outstanding property, contact exclusive agents:

APPLE VALLEY BUILDING & DEVELOPMENT CO.

Apple Valley, California. Telephone Victorville 363
FERMENTING silage generates lethal carbon dioxide gas from shortly after filling begins until fermentation begins. The gas is particularly hazardous. The gas, if not adequately vented, may rise as much as 20 feet in a silo 20 feet in diameter. The mycelial growth on the top of the silage is adequate to overcome. Victims should always be removed to fresh air and given artificial respiration until a doctor arrives.

IN VEAL CALVES, the weight at birth comprises from one-third to one-half the final market weight of the animal. University of California says they should weigh 70 lb. or over at birth to be profitable.

NITROGEN-FIXING BACTERIA should be added to most clovers, alfalfa, winter peas and vetches before sowing, using seed inoculation. A well inoculated legume is vigorous and green in growth. Otherwise, it is most often stunted and lighter in color.

IT IS FORTUNATE that animals return 60 to 90% of what they eat as plant food to the soil in the form of manure. Thus, of the 1,000 lb. of nitrogen in 1,000 bushels of corn, 750 lb. are returned; 136 of the total of 170 lb. of phosphorus and 171 of the 190 lb. of potassium find their way back into the soil.

SINCE F. Morris of Maryland built the first United States silo in 1876, the production of silage has reached over 40 million tons annually, worth more than $150 million. Some 98% of the silage is made from corn or sorghum.

WARFARIN, introduced to the public last autumn by the Wisconsin Alumni Research Foundation, has proved extremely effective as a poison for rats and mice. It is a slow killer, unlike other poisons, may be eaten by animals in bait over a period of days (usually five to 14) before it kills painlessly by internal hemorrhage. "Bait shyness" is entirely overcome—there is no awareness that poison is being consumed.

They Tell Me...

The books listed below are FREE to W.L. readers, offered by advertisers in Western Livestock Journal. If you are interested, check the books you want, mail the list to H. Wheelock—Western Livestock Journal, and we'll see that the right advertiser gets your request.

GRASS FOR PROFIT . . . A complete handbook on the use of natural grass for livestock production. A valuable addition to the working library of the stockman. New Holland.

MACHINING BARNYARD MANURE . . . A non-commercial booklet describing the latest techniques for handling a problem faced by every rancher. New Idea.

BUILD A POND . . . Full working instructions for the construction of ditches with a minimum of equipment. J. L. Case.

ENGLISH SADDLERY BOOK . . . An indispensable catalog for the horseman, listing every type of riding equipment. Wiesenfeld.

BUILD A BETTER FEED . . . Instructive data on providing livestock a palatable source of valuable phosphorus minerals. Kelli Phos.

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GRASSHOPPER CONTROL . . . Describes the use of the effective toxicant Aldrin in combating these insect ravagers. Recommended by USDA, Bureau of Entomology and Plant Quarantine, Shell Chemical.


HOGS . . . a new booklet full of timely information on the breeding, raising and feeding of hogs. Pillsbury Mills.

THE QUONSET "40" . . . The versatile quonset is excellent for crop storage, for livestock and for all storage on the ranch. Send for free booklet and price list. Stram-Steel.


NEW TRACTOR CATALOG . . . More comfort, for all sizes of farms. A complete new book on all sized tractors. Massey-Harris.

RID YOUR RANGE OF BRUSH . . . Write for illustrated booklet on ways and methods. E. L. Caldwell.

FREE BOOKLET ON HYDROPONICS . . . The water-proofing armory for concrete that ranchers have long wanted. Keeps floors dry and warm. Stancil Asphalt.


LIFT-TYPE HARROW FLOW . . . Mounted for tractors employing three-point hitch. Quick acting depth control under most adverse conditions. Balanced weight ensures safe farm-to-field or highway transport.

They tell me that the three new and convenient pieces of equipment and machinery shown above and below are finding favor with many Western ranchers. For name and address of makers, write W.L.J.
Consigns to the...

National Aberdeen-Angus Sale
Oct. 9 at the Pacific International, Portland, Ore.

2 HERD BULL PROSPECTS:
- Bar Haciendamere 3", senior yearling son of Bar of West Woodlawn.
- Haciendamere 21", summer yearling son of Ernest of West Woodlawn, our popular "bob-tailed" bull.

3 TOP FEMALES:
- McMahan's Black Burgess, intensely bred Miss Burgess heifer, safe in calf to Homeplace Eileenmere 36", our good son of Eileenmere 487", the Penney & James "wonder bull".
- Hacienda's Blackcap Norma 2", good senior yearling daughter of Ernest of West Woodlawn.
- Hacienda's Blackcap, typy junior yearling heifer.

VISITORS ARE ALWAYS WELCOME AT THE RANCH!

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

Ranch 7½ miles south of Selma, Calif., on Central Valley highway.
Phones 79R1, 47J2, or 59J2
LETTERS

Continued From Page 105

The local newspaper reports unusual interest in these burns. We will not conceal any facts about our work, and any paper or radio wishing to have a fast-hand report may do so by sending a reporter to watch the actual burning. He may also attend organization meetings and see what time and effort are consumed in getting ready for a burn.” Best regards to you good people at WLJ—Mert Weatherwax, Caliente, Calif.

Spiritual Bovines—

WE ARE staunch believers in your publication and have been enthusiastic subscribers through all the years.

Grass and water are the only two necessities for which our outfit will spend any money. Reason—seven dry years in succession have made us sit up and wonder to whom we can give our part of California. There are no Red Chinese within reach—otherwise, it would be a certain and insidious way of running those enemies.

Our cattle fear no beef rollbacks. A constant diet of alkali dust, drifting sand and rocks has resulted in their trusting about in an ethereal way (above and beyond the restraint of man-made laws). They have now attained a translucent condition; light passes through them readily but still blocks vision. This encourages us to believe that we may yet find a commercial use for these spiritual bovines.

The superintendent of our Alkali Bureau of Ruination feels that he has the answer—he is going to market them as panes for bath and rest room windows (a few of the heavier cattle going as windows for cocktail bars where a more subdued light is desirable.)

His big fear now is that just when he builds a terrific demand for the translucent windows, the eighth winter will turn out to be a flood year, the grass will grow high, cattle will become thicker, no light will pass through and his business will be a loss in the neck.

At the present we therefore find ourselves in a whirling quagmire of alkali dust. We cannot advertise beef which we do not have—neither can we publish the window pane business which is the astute promotion of one of our young bloods.—Howard Jack, Ormondale Ranch, Rancho Cholame, Cholame, Calif.

1952 Fertilizer Output

To Feature General Rise

Nitrogen and potash fertilizer supplies will increase next year, while phosphates will remain about the same. This is the national fertilizer outlook for 1952, according to Howard E. Kett, soils specialist for the agricultural extension service at the University of

NU BAR RANCH

Commercial Feeders! Junior Feeders! Range Men! Livestock Farmers! FOR TOP ANGUS FEEDING and BREEDING STOCK “Direct From Our Pastures to Yours”

COME TO OUR Annual Sale Oct. 13

590 to pick from

150 Commercial Heifer Calves
250 Angus Steer Calves
100 Purebred and Commercial Cows
50 Purebred Bull Calves
40 Commercial Yearling Heifers

Ormondale Ranch
Registered ABERDEEN-ANGUS
Young Bulls and Heifers for Sale
693 Portola Road, Woodside,
San Mateo County, Calif.
Phone Ulmar 1-1500

ABERDEEN-ANGUS Bulls for Sale

DALE E. BORROR
Gerber, Calif.

Dale E. Borror

Rancho Escondido
Registered ABERDEEN-ANGUS
Louise L. Pipher, Owner
Morgan Hill, Calif. Route 3, Box 222
Ernest Warner, Herdsman—Marie Hanley, Foreman

- A 5 year old son of Blackcap K Jr.
- A 3 year old grandson of Blackcap K Jr.
out of a daughter of imported Prince Bullie
of Nestitt Hill.

These bulls have been used in our herd, are young and vigorous, and would make excellent range bulls.
Meadowmere Farms

Meadowmere also offers you unusual buying opportunity at the North Rocky Mountain Sale, Lewistown, Mont. Oct. 16. Selling there our senior yearling show bull, MEADOWLAD ESTON 9". He is thick, lowset. Lots of style and smoothness. A real herd topper for someone. Also selling 4 bred heifers. Bred to Bar Eston 9".

Lenhard Bros., Deer Park, Wash.

We are selling

at the—

- PACIFIC INTERNATIONAL ANGUS SALE
  OCT. 9, PORTLAND, ORE.
  1 BREDA FEMALE - 1 BULL
Both are sired by Oxbow Premier Questor, a bull whose get are all great headed, lowdown, thick and fleshy.

- MONTANA ABERDEEN-ANGUS SALE
  OCT. 16, LEWISTOWN, MONT.
  1 BRED HEIFER - 1 BULL
The bull is a junior yearling with a good head and plenty of size. A half brother of the bull Arch Ginther bought last year.

- INLAND EMPIRE ABERDEEN-ANGUS SALE
  NOV. 8, ELLensburg, WASh.
  2 BRED HEIFERS
They are of top quality and bred right to turn out good calves for you.

SMITH & NELSON,

Rt. 1, Box 226, Walla Walla, Wash.
Our “Outcrossed” Angus won
PREMIER BREEDER
at California State Fair

Plus

• Senior & Grand CHAMPION BULL
• Reserve Senior CHAMPION FEMALE
• First GET of SIRE

KADET PRIDE sired the winning GET and one of the heifers selling at Portland.

EIGHT FIRSTS — EIGHT SECONDS — SEVEN THIRDS — IN A STIFF SHOW

Buy this PREMIER “Outcross” breeding in the NATIONAL ANGUS SALE at the Pacific International, Portland, Oct. 9. We are selling:

• Angus Toro Bell Boy 8” 1243432
  Sire: Angus Terra Bell Boy 18” 968574.
  Dam: Eline of Angus-Terra 921112.
  Our Junior yearling show bull who did so well this year in shows, standing 3rd in a class of 59 at Denver. A real herd bull prospect sired by the 1949 California State Fair Champion.

• Angus Toro Jock 9” 1349454
  Sire: Prince Jilt of Ferndale 109530.
  Dam: Favorite of Angus-Terra 10” 1044788.
  A real herd bull prospect with a red hot pedigree. When you study it and look this calf over you will agree with us. He is sired by a son of the $23,000.00 Palomar Prince and is out of a daughter of Bell Boy A. 10th. This calf is thick, deep and has plenty of bone. I ask you to be the judge sale day.

• Waugaman’s Erica 1243409
  Calved: July 20, 1949.
  Sire: Kadei Pride 735770.
  Dam: Elko Lady B. 2” 725139.
  Our senior yearling show heifer. Selling bred June 24th to “Prince B. 29 of Ferndale,” the Black Bomber. He is a son of the $5,000,000.00 sire, Prince Sunbeam 29th, and also a half brother of Prince Eric, the $100,000.00 bull. She will fit in any herd. Calfhood vaccinated.

• Deserts Mulba Pride 1246994
  Sire: Eileenmere 501” 699156.
  Dam: Pride Lady of West Creek 819950.
  This heifer carries lots of steers in her pedigree, being sired by “Eileenmere 501” and selling bred to the Black Bomber, “Prince B. 29 of Ferndale.” Deserts Mulba Pride has three International Grand Champion bulls in her pedigree. Prince B. 29th of Ferndale has five International Champions in his. What a pedigree this calf will have! The kind we all should keep. Calfhood vaccinated.
GREEN MEADOW RANCH
Sells in the NATIONAL ANGUS SALE
Pacific International, PORTLAND, ORE., OCT. 9

This Champion Bull

GREEN MEADOW GLEANER 6

Dr. M. E. Ensminger made him Grand Champion at the 1951 North Montana State Fair competing in one of the strongest shows ever held there. His sire, Henke's Eliminator 6, in addition to siring many class winners, also sired the coveted prize winning Get of Sire. Green Meadow Gleaner 6 comes from the popular Bandoliers. He has style, extremely smooth and deep. As an individual and in blood he could solve someone's herd sire problem.

See our show herd at the Pacific International

W. J. Harrer & Sons
HELENA, MONTANA

ANGUS ARE BEST ON THE RANGE

- HARDY, SUPERIOR RUSTLERS. Alert, aggressive Angus range farther from water and higher in rocky, rugged pastures. They are excellent foragers, thriving in both hot and cold climates.
- REQUIRE NO DEHORNING because Angus are naturally polled. 95% or more of calves are polled when Angus bulls are crossed with horned cows.
- NO CANCER EYE and less pink eye in Angus. Black cows are not bothered by sunburned or snowburned udders. For more information, write American Angus Ass'n, Chicago 9, Ill.

YEARLINGS IN THE FEEDER

Continued from Page 41

vantages, less tangible perhaps, are important to McMicken and Wall. Each animal, during the first months, received (and is still getting) 38 lb. of chopped green alfalfa per day. This feed was chopped two or three days a week before it was fed to the cattle. To it was added two pounds of dry chopped alfalfa per head, one pound of barley and a 50 lb. pound of cottonseed meal.

Equipment. Goodyear uses a hand feed wagon which allows for free feeding. After picking up a load of feed, the feed wagon is dumped on the alfalfa. The unloading action of the wagon mixes it up with the green feed. Two or more trips are sometimes made for a feeding, but the farm has no one man to feed in for a bigger wagon.

The supplemental feed was formulated to cut down bloat. There has been a case of it and not one cow has gone off feed. The supplemental feeds prevent scours. As Carl Allen, the man who feeds and takes care of this bunch of cattle, says, "If we look at them in the barn, on the feed lot in the corrals, and we see them coming along," salt and mineral were available free choice at all times.

A 44-acre field of alfalfa was the sole source of the green feed for all 375 head. It was cut daily. About 110 borders (strips between ridges used to hold water on land when irrigating) were cut off and then the field was watered. No figures are available on how long a field of this size would provide pasture grazing for these same animals, but about 20 days would be a generous estimate.

Running 1,000 Head. From the 1,000-head Goodyear test run so far, it is safe to conclude that about 150 acres of good alfalfa will run 1,000 head of yearlings during their growth-gain period. Labor of two men would handle it.

LINGDOOLEY RANCH
ABERDEEN-ANGUS

Home of . . .
PRINCE ERIC 2"
of Ferndale
Come see our foundation females, bulls and young stock.
Visitors Always Welcome
E. E. Converse, Owner
On Foothill Road—Phone Santa Paula 540
SANTA PAULA, CALIF.
Visit the NATIONAL ABERDEEN-ANGUS SHOW...
See the modern, beef-making ABERDEEN-ANGUS...
Get the FACTS about ABERDEEN-ANGUS... and then

BUY ANGUS!

at the

National Aberdeen-Angus Sale

It's held in the evening!...7:30 p.m.

TUESDAY, OCTOBER 9

Pacific International PORTLAND
Livestock Exposition OREGON

50 Head Bulls, bred and open Heifers

Sale Consignors:

FLOYD H. BAREHOFF, Colton, Wash.
JOE COFIELD, Estacada, Ore.
HACIENDA DE LOS REYES, Selma, Calif.
MARRER BROS., Helena, Mont.
REYNOLDS, Grants Pass, Ore.
BARRON & BOBBINS, Fairfield, Ida.
ART HAMILTON, Chehalis, Wash.
HINDHEDER BROS., Pullman, Wash.
MEADOWMERE FARMS, Deer Park, Wash.
ED. PARSONS & SON, Payette, Ida.
RANCHeria ANGUS, Anderson, Calif.
FRED RUPPENBERGER, Fairfield, Wash.
JOHN SHELTS, Marquette, Ia.
C. C. SMITH, Yukiama, Wash.
SMITH & NELSON, Walla Walla, Wash.
WADEGAMAN RANCH, Watsonville, Calif.
DALE WEST, Merrill, Ore.

Here's the ANGUS PROGRAM

8:00 a.m. Sunday, Oct. 7: Judging of Sale Cattle.
8:00 a.m. Monday, Oct. 8: National Aberdeen-Angus Banquet, Multnomah Hotel, Portland.
8:00 a.m. Monday, Oct. 8: Judging of National Aberdeen-Angus show cattle, continuing through Tuesday, Oct. 9.
7:30 p.m. Tuesday, Oct. 9: Auction sale of Angus cattle.

Plan to spend several days at the famous Pacific International. Visit with Aberdeen-Angus breeders from all parts of the country. Find out for yourself why ABERDEEN-ANGUS cattle are making extra profits for breeders and cattlemen in every section of the country where beef cattle are grown... why ABERDEEN-ANGUS steers top the beef cattle markets... why ABERDEEN-ANGUS win major honors in the big stock shows... why ABERDEEN-ANGUS, regularly over a long period of years, win the important carcass contests... how the use of Angus bulls saves labor and expense because they are natural dehorners and exactly suited for modern beef production. Any way you add it up, the answer to your beef production problem comes out... ABERDEEN-ANGUS!

Sale Manager:
HARRISON CUTLER, Sec.
P. O. Box 251, Napa, Calif.

Auctioneer:
CHARLES ADAMS
Artesia, Calif.

Sale held under management and auspices of...

PACIFIC COAST ABERDEEN-ANGUS ASSN.
as Grady Watkins suggests, a double set of equipment is good insurance in case of a breakdown—forage cutter, unloading wagon and tractor. During rainy weather, if any, there should be an available supply of stored feed—baled hay and feed mill rations.

One of the requirements in this Goodyear experiment was to have good clean water available in the feedlots all the time. Previously, when Goodyear grazed its young cattle in the fields, water was run in the irrigation laterals, often for 3 miles, in order to reach all the stock. This entailed much galloping around or long walks for the cattle which might be grazing far from the laterals.

In the feedlot they don't walk far. They eat and drink in one place—and gain weight. Labor for watering the cattle in the field ditches was eliminated, as was the need for constant repair where the cattle had pushed in the ditch banks to get water.

Feedlot Advantages. These Brahman crossbreds have become gentle in the feedlots. You can walk right up to them, which would not be the case in a pasture, to see how each one is doing. There was no 8- or 9-day setback or wait to see if any would bloat when they were first penned. The supplemental feed in with the green forage took care of that.

Another big advantage to a feedlot operation such as this is the uniform quality of the feed over the whole feeding period, in contrast to pasture grazing.

On pasture, cattle waste some of the crop through trampling and not eating the less succulent parts of the plants. In Goodyear's experiment there was a gain of at least one grade in hay quality through elimination of drying and consequent leaf loss. And on pasture, if the soil is the least bit moist, there is a puddling action wherever the cattle congregate and the "temper" of the land is killed.

Further Gain. A further gain in farm production was made at Goodyear by the elimination of the need for herding. K. B. McMillen figures that out of every 40 acres is used by forage, the production from this acreage is pure gain, with labor needs to keep fences up and repair. An additional gain in weed control and insect control is made by the elimination of the fence-row habitat of grasshoppers, lygus, cotton stainers and other pests. Machinery movement in and out of a field is expedited by not很有经验。
Spraying is more complete, and smaller if they are bunched in a lot. And you can weigh a bunch anytime, and you can weigh them all at once, the same as if you were them all up in a feedlot.

Since these experimental crossbreds are for alfalfa pastures rented for increased income, profits in grass and alfalfa pastures rented. The hay that is left over at the grass cut time is fed to winter-feeding cattle. With the hayed-up grass in winter, you're going to have to have a break in your feedlot.

In a similar setup the Espils' pastures and forage can be moved around. Under such a setup they can be maintained better. We don't overfeed them, maybe a little too long, And the more times you feed the better. We don't want to feed them too much. In these lots they eat good hay twice as much as they would buy it up. In these lots they eat good hay twice as much as they would eat as pasture for fattening cattle.

There'll be no temporary feedlot. Pete and Louis Espil have decided that the opposite would be true. They get around them, which is an advantage. Years of experience and the market will decide that. If they are fed the better. We don't want to feed them too much. In these lots they eat good hay twice as much as they would buy it up. In these lots they eat good hay twice as much as they would eat as pasture for fattening cattle.

The heifer, a junior yearling, is by Bell Boy M. 8, by Bell Boy Blackcap B. of SH. is a grandson of Envader, whose get have commanded top prices. The other bull is a son of Gaffer of Glencarnock, an imported bull of superb qualities. You always find size, smoothness, quick fleshing and select breeding in Spring Hill Angus.

The two heifers are daughters of Gaffer of Glencarnock and bred to Blockcap B. of SH. He is selling.

One bull, Blockcap B. of SH, is a grandson of Envader, whose get have commanded top prices.

The other bull is a son of Gaffer of Glencarnock, an imported bull of superb qualities. You always find size, smoothness, quick fleshing and select breeding in Spring Hill Angus.

We are selling

at the—NATIONAL ANGUS SALE

PACIFIC INTERNATIONAL

OCT. 9—PORTLAND, OREGON

1 OPEN HEIFER-1 BULL

The heifer, a junior yearling, is a daughter of Barry 2 of Wilton. Her dam stood second at the Cow Palace. Lowdown, thick and modern.

The bull, an April yearling, is by Bell Boy M. 8, by Bell Boy M.K. International Champion. His half brother and sister were the champions at the 1950 Inland Empire Aberdeen-Angus sale at Ellensburg, Washington.

We invite your inspection.

Hamilton Meadows . . . Mr. & Mrs. A. L. Hamilton

CHEHALIS, WASHINGTON

Cecil Mattox, Herdsman
GOING TO THE PORTLAND INTERNATIONAL?
Stop off at Wesdale Farms'
FIRST PRODUCTION SALE OCT. 3
... on your sale circuit tour of the Pacific Northwest

50 PUREBREDS
50 COMMERCIALS
FROM THIS TESTED TRIO
Our Herd Foundation
Senior Herd Sire—Eileenmere 665, son of famous "487th"
Junior Herd Sire Eileenmere 1051, half brother to "1050th", 1950 Int'l Grand Champion
WSC Eileenmere—Out of State College Eileenmere 701

THESE OUTSTANDING HERD BUILDERS WILL SELL:

LOT 4—Clydell Eileenmere 7th
from original Clyde Ludberg herd, acquired by Wesdale last spring ... full brother to '51 Spokane Grand Champion female ... dam is June Meadowbrook, great CPR show cow.

LOT 1—Eileenmere Wesdale 3d
outstanding herd hire prospect entered in P. I. national show—an show throughout Inland Empire prior to sale.

LOT 5—Wesdale Eileenmere 47th
full brother to our Spokane 1950 Grand Champion bull

LOT 15—Clydell Blackbird Gem
another of several Ludberg animals offered at sale ... outstanding show heifer, also entered in P. I.

remember ... every bull
"PERFORMANCE TESTED"

For the first time offered anywhere, most of our animals up for sale are on the record books of Washington State College's "Performance Testing" program—a system of progeny and growth study which helps to eliminate guesswork for you!

Our future lies in the results you obtain with our animals. This "Performance Testing" plan provides one of the first steps toward insuring those results.

Oct. 1 & 2
Livestock feeders day and type conference, Washington State College, Pullman, Wash.

Oct. 3
First Production Sale—100 Head from one of Northwest's finest Aberdeen-Angus herds, Wesdale Farms, Harrington, Wash. Sale headquarters at famous Davenport Hotel in Spokane. Sale starts 12:30 p.m.

Oct. 4 & 5
Worthy trip—See opening of great irrigation project at Coulee Dam ... Water pumped into giant new reservoir ... Scenic Washington thru Naches Pass.

Oct. 6

Wesdale Farms
HARRINGTON WASHINGTON
The Els}

Be Sure to Get a Catalog
drop a post card to:
P-I Angus—
Great Offering Predicted
For National Show and Sale

By WALTER HOLT
General Manager,
Pacific International Livestock Exposition

Actual requests for entry blanks to be used in the Aberdeen-Angus division of the Pacific International Livestock Exposition Oct. 6-13, add up to predict the greatest offering of that breed ever presented in the Pacific Northwest.

There is a rapidly growing sentiment that the Pacific Slope states offer breeders of beef cattle the fastest growing stock market in the country. Coupled with this is the widely promoted Grasslands program. The above points are soundly based upon the rapidly expanding population of all of the Pacific Coast states which currently are producing not more than half of their meat needs.

Recognizing the foregoing, along with other pertinent factors, the Pacific Coast Aberdeen-Angus Assn. has joined with the American Aberdeen-Angus Assn. in designating the Pacific International Livestock Exposition as the location for one of the three National Shows and Sales of the breed.

Brilliant Showing. Although entries for the breeding classes officially close on Sept. 20th, firm commitments have been received from a sufficiently large number of Aberdeen-Angus breeders to justify the outlook for a brilliant showing of the Blacks.

Situated as it is near the center of this vast area, the P-I affords a great setting for a National Aberdeen-Angus Show and Sale. More than ample are the transportation facilities of Portland, including 5 trans-continental railroads; 100 motor freight lines with terminal facilities in Portland; 5 scheduled and 2 unscheduled airlines, both regional and nation-wide; more than 50 steamship lines, and 3 stage lines to serve all passengers, express and freight needs.

In order that the expanding interest in livestock sales held at the Pacific International may be best served, the management has just completed enlarging and decorating the sale ring, increasing by approximately 30% the seating capacity.

Handling the judging of the Angus breeding classes will be John B. Brown, of El-Jon Farms, Rose Hill, Iowa. The judge of the sale cattle will be J. Charles Yule, who recently resigned as general manager of the Calgary Exhibition and Stampede, Ltd., Calgary, Alberta.

Judging Schedule. The National Angus sale will be held at 7 p.m., Tuesday, Oct. 9. Judging of the sale cattle will occur Sunday morning, Oct. 7, to be followed immediately by the judging of Angus bulls. Angus females and champions will be judged beginning at 9 a.m., Tuesday, Oct. 9.

Aberdeen-Angus exhibitors will be

Blackout Farms
We are selling
At the Pacific International Angus Sale
October 9, Portland, Ore.
A Full Sister to the Heifer Pictured.

She is sired by Oxbow Eileenmere 9, by Eileenmere 85, the top selling bull in the Oxbox dispersion. She is bred to the outstanding son of Eileenmere 701, retained by the State College of Washington to use in their herd. A truly foundation female.

Hinderer Bros.
Pullman Route 2 Washington


Selling at the
Pacific International Angus Sale
Oct. 9
Portland, Ore.

2 Bred Heifers

Sired by Woodward's Eileenmere 9, a grandson of Eileenmere 85, and out of Rosemere and Blackcap Revolution dams.

Bred to a Washington State College Eileenmere bull by the "487."

These heifers have the size, smoothness and depth the western breeder likes.

Floyd H. Barkhuff
Colton, Washington
Fill "Old Scratch" with waste oil, odd insecticide, and place near the salt tub and watch your stock rub and scratch, killing warbles, lice, ticks, screw worms, mange mites and insects. "Old Scratch" is also effective in curing skin diseases, warts and pink-eye. Will also save fences.

"Old Scratch" is a simple machine—no pumps—no valves—no diaphragms—no jets—nothing to clog up—no brushes to replace—positive oil flow adjustment—18 gallon capacity—portable—fully automatic—fits any size animal any place on the body.

PHONE 3-9487

Please Mention Western Livestock Journal When Writing Advertisers

PARLAND ANGUS
Selling Portland, Oct. 9

1 BRED HEIFER
Blackbird Parita Parland 4, sired by Queen’s Bardolier of Walnut. This heifer comes from our top producing family of Blackbirds, and we are retaining all the other females of this family in our own herd. She is bred to one of the top sons of Eileenmere 498. See her in our show string. Here is that popular Bandolier-Eileenmere cross.

1 BULL
A junior yearling son of Eileenmere 658, the top selling bull in the Oxbow Ranch dispersion and one of the few sons of the "658" to be sold on the coast.

We invite you to see our show herd during the Pacific International. They are all sired by our senior herd sire, Homeplace Eileenmere 8, by the "487," except our junior herd sire, a son of the "658."

EDWARD E. PARSONS & SON
PAYETTE • IDAHO

competing for $11,650 in premiums the P-I this year, making it one of the more attractive offerings of the entire circuit. This is an increase of $1,000 over last year. Should the grand champion of the show be a Champion Angus, that exhibitor will be awarded $1,000 by the American Angus Assn.

Indications now point toward a strong exhibit of Aberdeen-Angus steers in the 4-H and FFA divisions as well as in the open classes. The exposition just recently completed its 40th anniversary as one of the most diversified big stock shows in America. The P-I has joined with the American and Pacific Coast Aberdeen-Angus Assn. to make a new record of successes for national breed shows and sales.

Prolific Crop—
Test Stands Produce Five Alfalfa Cuttings Per Year

UNDER field test in Yakima, Wash., alfalfa plots were cut five times per year without ill effect. Test results were revealed to more than 120 representatives from the Western states attending a recent meeting of the American Society of Agronomy in Bozeman, Mont., recently.

Frequent clippings of alfalfa was less detrimental to plants than has been the case in several Eastern states. It was found that among four alfalfa varieties used, little if any difference in yield among the five cuttings was noted. The alfalfa was cut quite young to obtain the best quality forage with from four to six weeks elapsing between cuttings.

Similar tests have been under way at the University of Nevada Experiment Station to determine the best time for cutting alfalfa under Nevada conditions, Oliver Smith, U. S. Plant Pathologist with the university experiment station states.

Accepts Agronomy Post. Dr. Smith, who is in charge of alfalfa experiments at the university station, was elected vice president of the western section of the American Society of Agronomy while attending the annual meeting in Bozeman.

Regarding tests for high seed yields, it was pointed out that lygus bugs may be practically eliminated from the time the plants are six inches high until the seed crop has matured for maximum seed yields.

The lygus bugs are best controlled by DDT until the plants reach the bloom stage, Dr. Smith said. After that, toxaphene should be used, as it is less damaging to bees which serve as pollinating agents.

Disease, Insect Control. The California delegation reported that they have developed an alfalfa which is tolerant to the dwarf virus disease. This disease is serious in about one-third of the alfalfa acreage in California. It is known to occur outside the state.
Another Bandolier Champion!

This is the Second Time That a 4-H Calf From the Star Lane Ranch Has Won a Grand Championship In the 4-H Division In Santa Barbara County!

The above picture shows Buddy Sechler holding his championship calf taken from our commercial herd, and sired by a son of DUKE BANDOLIER OF RALLY FARMS No. 891639.

This steer was first shown at the Annual Santa Barbara County 4-H Club Day and received the championship Aberdeen-Angus trophy. Later he was entered in the Santa Barbara County Fair at Santa Maria, where he competed against 35 other entries. He was judged the Grand Champion steer of the 4-H Division, and topped the sale at 82½ cents per pound. He weighed 1,160 pounds, and brought $957.00. This calf made a gain of 2.7 pounds per day while on feed.

WE ALWAYS HAVE BREEDING STOCK FOR SALE

Virgil Sechler, Foreman
. . . Phone, Santa Ynez 3823

RANCH, SANTA YNEZ, CALIFORNIA
Two years ago WLJ beef cattle tourists enjoyed a hearty breakfast at Kesl Ranch, Unity, Ore. The 1951 Oregon Beef Cattle Tour stopped at the ranch last June.

Angus Lesson—
Oregon's Bob Kesl Learned by Doing
A Good Job with His Ranch, Cattle

By SHERMAN GUTTRIDGE

Y OUR car breaks down and you have a few days on your hands to just sit and ponder. That was the predicament Bob Kesl found himself in, one spring day in 1941 while waiting in a small cow town in Nebraska, on his way to eastern Oregon, dragging a house trailer to live in while building a home on his newly acquired dude and cattle ranch near Unity, 35 miles southwest of Baker. It was there he was convinced by local stockmen that he should raise Aberdeen-Angus on this new ranch.

Bob Kesl, a manufacturing jeweler in Chicago, had spent the year before on a dude ranch near the one he later purchased. The dude ranch idea lasted a year and the first cattle venture proved a failure.

Kesl admits he knew very little about the cattle business when he made his first purchases. He has learned—by actual doing—how to farm, raise and put up hay, winter feed cattle and the thousand other details of ranch life.

Starts Herd. The following year Bob started his Angus commercial herd with a purchase of 25 old cows and heifer calves and 25 yearling heifers from the J. S. Guttridge Estate, Prairiewood City, Ore. Many of these old cows were kept until they were 17 years old.

Kesl's Aberdeen-Angus herd is mostly commercial. His herd sires are from noted herds.
chased a 200-acre ranch 15 miles north of Baker and have leased the Burnt River Ranch to a brother-in-law, Frank Widman, who has charge of the management.

Eastern Oregon is known for its wide open spaces especially when you think of range cattle outfits. Many ranching setups require around 100 acres per animal a year. This is not the case on the Kesl Ranch where 400 head of cattle remain the entire year on 1,000 acres. Of these 400 head more than 300 are mature brood cows.

800 acres are flood-irrigated from south Burnt River and only 200 acres are in dry land pasture.

Ranch Practices. The cattle summer on the river bottom; the higher fenced land is used to grow alfalfa and meadow hay and 100 acres of barley to feed to the younger cattle.

It takes a lot of hay to winter a cow here, but the cost of hay is very low. All cattle are fed on the ground or snow.

Calves, all born in March and April, are branded and vaccinated in the spring. The calving percentage is as near 100 per cent as it is possible to get. A few of the heifer calves are returned to the herd for replacement. The remaining female and steer calves are sold in October.

While the herd is mostly commercial, a few registered females have been purchased. All the registered heifer calves go back into the herd and a few of the bull calves are used, but most of the bulls are purchased at auction sales. The present bulls have been purchased from O. V. Battles, Ben Hilton, Oxbow, Hacienda de Los Reyes and Harold Bowman.

Cattle are sprayed in the spring and fall. All replacement heifers are Bangs vaccinated and bred to calve at two years of age. Minerals are fed along with the salt.

It takes a good ranch to produce good cattle—Frank Widman and Bob Kesl have just that.

Healthy Ranges Underlie Production of Fat Cattle

"You can’t starve your range and produce fat livestock," says E. H. Spoor, chairman of the California PMA committee, pointing out that erosion is but one of the many ills that come from taking too much of the top-growth of the desirable range grasses and shrubs.

"It takes about 50% of the top-growth of your good grasses and browse to keep the range in full production," says Spoor. Feeding down much more than half the top-growth weakens the roots of these more palatable plants. Continued heavy feeding kills out the better grasses and shrubs and they are replaced by plants that livestock don’t like. The spread of such poisonous weeds as halogeton is encouraged when rangeland is allowed to starve.
The Hearst newspapers are doing a bangup job in assisting our downtrodden Indians in every way possible. I am taking the following fine article by Manger White, Los Angeles Examiner staff correspondent. Mr. White's article in the Sunday Examiner of Feb. 4, 1951, reads as follows, towit, quote:


Mr. White writes from personal investigation and he tells the truth about actual conditions on the Navajo Reservation and he pulls no punches. I have been over that reservation and I know what he is writing about. Here follows what Mr. White wrote from Window Rock, as follows, towit, quote:

"Window Rock (Navajo Capital), Ariz. Feb. 3.—Signed nearly a year ago into law by President Truman, the 10-year $88,570,000 Navajo rehabilitation program has not yet directly benefited a single Navajo! Today, throughout the drouth-stricken reservation, peopled by 72,000 Navajos, many sick and nearly all undernourished, there is hardly a visible sign that there ever was such a program. Yet last October $8,311,000 was finally provided after the Los Angeles Examiner exposed the deplorable conditions, to get the 10-year program started this fiscal year, which ends in five months!

"14,000 Children Still Without Schools—Nevertheless, 14,000 children are still without schools—as they have been all their lives. And no new schools are even planned this year—only the modification of four schools into boarding schools was added materially to seating capacity...

"No hospitals have been created—though the average mother can be sure one of every five of her children will die before the age of five.

"With millions available to put Navajo men to work rebuilding the reservation—which has been run down for 83 years by desolation—hundreds of thousands promised have been put to work. Indians say that these few seem to be doing ordinary road maintenance.

"Big Gain Though in Personnel. Horrible drouth is on the land. A few days ago only small patches of snow were on the Continental Divide summit in the reservation. Wells were to be dug this year, most of the scores of intended wells have not even been located by

---

What cowman doesn’t want sound cow condition? That’s the reason you supplement when range is poor or short. Building condition on a cow helps you get a big calf crop of husky calves, easy calving, a big milk supply.

Throughout the West and up and down the Coast, ranchers who have switched to Purina Range Checkers find they’re doing a better job than they did with cottonseed cake, because Checkers contain 3 essential sources of protein, plus carbohydrates, minerals and vitamins for all-round sound cow condition.

For the complete story on Checkers feeding your cow herd, see your local Purina Dealer at the Store with the Checkerboard Sign.

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Variety Makes a Big Difference
This season marks our 20th anniversary in breeding Polled Herefords. Makes ours one of the oldest herds in the state. And it's one of the largest. We're breeding 400 females this year.

For the first six years we used, in our commercial herd, the registered Polled Hereford bulls produced. Since then we have sold 698 bulls, mostly within 250 miles of the ranch. These went to 166 buyers. Seventy-two have come back at least once for more bulls, most of the 72 repeating several times.

We had 30 new buyers during the last 12 months, and 27 repeat customers. Seeing what calves Acehi bulls were producing for their neighbors brought a high percentage of the newcomers.

And, at this time we have orders that will take a good share of this year's crop of weaners, except those reserved for sales.

We're celebrating this 20th year with development of a new line. Cattle with straight horned pedigrees—AND POLLED HEADS. These are by a "natural" Polled bull of straight horned Domino Prince and Diamond Domino breeding bought from Harry Parker two years ago. He was bred to our horned NHR Super Domino 9th heifers. The first calves are here, good, and 100% Polled.
YOUR OPPORTUNITY TO BUY MW LARRY DOMINO BREEDING IN POLLED HEREFORDS!

— Annual Sale —

**Fairgrounds, La Grande, Oregon, NOVEMBER 15**

40 bred heifers carrying the best blood in the Polled Hereford breed. Mated to bulls carrying the top Hereford blood of today.

Daughters of Numode 55, Trumode Domino 86, ALF Choice Domino 22, Proud Advance. Mated to HH Larry Domino 16, Polled son of MW Larry Dom. 47, and Larry Donald 4, horned son of MW Larry Domino 77, both grandsons of Larry Domino 50.

Our heifers have stood at the top wherever shown and have made good wherever sold. They will do the same for you.

WHERE CAN YOU BUY POLLED HEREFORD HEIFERS MATED TO LARRY DOMINO BRED BULLS?

**HIBBERD’S HORNLESS**

SHE SELLS! Choice Lady D 7 by ALF Choice Dom. 22. Bred to HH Larry Dom. 16.

SHE SELLS! Normandy 2 by Proud Advance. Bred to Larry Donald 4.

Page 124
HERD BULLS! RANGE BULLS! THE KIND TO PUT THE BEEF ON AND TAKE THE HORNS OFF!

Annual Sale

Fairgrounds, La Grande, Oregon, NOVEMBER 15

You should see this group of bulls. Well built, heavy boned, good headed, and not a scur in the group.

They are sired by Numode 55, Trumode Dom. 86, ALF Choice 22, Proud Advance, and Spidel 463. 18-30 months old, ready to go to work.

Our many repeat bull buyers speak for themselves. If you need a bull don't overlook this group of bulls.

WRITE FOR CATALOGUE EARLY AND STOP BY THE RANCH THIS FALL AND INSPECT OUR SALE OFFERING. IT'S TOPS!

GENE SMITH, Herdsman

HEREFORDS -- Imbler, Oregon

HE SELLS! Trumode Domino 15, 30 months old son of Trumode Domino 86th.

HE SELLS! Trumode King 10, 18 months old son of Trumode Domino 86th.

HE SELLS! Numode Domino, 18 months old son of Numode 55th.
Treat Your Beef Herd to the Best

PLANT PASTURE MIXTURES

Yes... it makes down-to-earth common sense...

BETTER BEEF HERDS COME FROM BETTER PASTURES. Next time, treat your cattle to the best.

Treat them to Ferry-Morse Pasture Mixtures. Ferry-Morse Pasture Mixtures are scientifically prepared blends of special grasses formulated to give your herd the "tops" in nutritional value. To you... this means more beef on the hoof!

And, for field performance, ask the man that grows F-M. For acres of healthy, juicy, nutritional growth... you just can't beat Ferry-Morse Pasture Mixtures. There is a special formula for Your conditions.

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Hibbert’s Hornless Herefords

IMBLER, OREGON

Dick & Lauraose Hibberd

FOR SALE

GS GOLDEN SETH 95th

Young, proven POLLED BULL, not yet three, 100% dehorner, double Advance Domino 30th breeding. We are retaining only one of his bull calves as sire of our limited herd, our only reason for selling. We solicit your inspection of his outstanding first crop of calves.

60 Sansome St.

GATIS YATES

Ranch phone: Whitfield 8-4954 via Los Altos Exchange

Page 126
POLLED HEREFORDS

Selling at CASPER, WYO., OCT. 22
SALES PAVILION

60 YEARLING BULLS
15 YEARLING HEIFERS

Sired by:

BANNER DOMINO 16 • BANNER DOMINO 90 • SH 4 SQUARE 2 •
ADVANCE DOMINO 11 • PRESIDENT MISCHIEF 50 • REAL PLATO 19

These bulls are rugged! Not highly fitted! Have been raised in the open!
Ready to go to work in your herd! And the females are a choice lot.
HARDIN POLLED HEREFORDS ARE HARDY.

H. B. SAGER Auctioneer

Write for catalog to:

A. B. HARDIN, owner, Gillette, Wyo.

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Vanderhoof Polled Herefords

SUGGESTION OF THE MONTH

If you as a cattleman are not now using Polled Herefords, drop in and
pay us a visit. Also: attend the California Polled Hereford Assn. Show &
Sale at Sacramento, Nov. 9 & 10, and
other western events featuring this
truly AMERICAN BREED OF BEEF
CATTLE. You’ll like what you see.

FRED E. VANDERHOOF • LEO NARD HANSEN • DR. BOB VANDERHOOF

Woodlake — California

Phone Woodlake 155
SALE CANCELLED

Yes, we’ve cancelled the WARD-COOK Polled Hereford Sale originally set for Halsey, Ore., Oct. 10, 1951.

Instead, we have WEANER CALVES and a FEW HEIFERS for sale at private treaty.

R. A. WARD  RALPH COOK
Halsey, Ore.  Medford, Ore.

FOLMSBE & GREEN
REGISTERED POLLED HEREFORDS
Pioneer in Washington Polled Herefords.
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POLLED HEREFORDS
Do Good  Any Place
ROBERTS LOAN & CATTLE CO.
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Polled “A Fane of the Best” Herefords
JOHN E. RICE
Shaviana, Wyoming

Breed UP the quality and weight of your calves; breed OFF the horns with modern Polled Hereford bulls. Now offering yearling bulls that are just the right age for using during the coming season.

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Remember to Mention WESTERN LIVESTOCK JOURNAL When Writing Advertisers

structures on the reservation call roads, wells and other improvements that will permit access to these helps national defense, at their last tribal council meeting, the Navajos in the Atomic Energy Commission mission to build an airstrip on the lands to facilitate drilling.

"In return for this aid to national defense, the Navajos suffer a $4.50 per head cut in the very first year of their rehabilitation, on the excuse the funds represent non-defense expenditures."

"This program does not represent defense? It represents more than that. It represents the lives and livelihood of the Navajo people. The tribal leaders asked that this program be set up under a separate organization from the Indian Bureau. This point out. 'We wanted it where we could watch what was going on, and pin the responsibility down, and get things done.'

"HERE are some of the pathetically sad conditions of the Navajo: Indians who could afford it, Lattel and Tsosie pointed out, have had to ship their sheep and cattle at high fees to far-off feeding grounds. Other Indians had to carry water long distances, in buckets, to famished stock. Death has depleted many of the waterless herds.

"Complaints of the Indians about delays last fall were followed by an announcement Sept. 7: Indian Commissioner Dillon S. Myer, was leaving by plane for Albuquerque and Gallup to open an $88,000,000 10-year long-range Navajo-Hopi Reservation program.

"Sounded Nice—We thought the big day had come," said Zhealy Tso. "So out of gratitude, we spent $1,000 of tribal funds to hold a big barbecue and feed this gentleman from Washington, when we had hundreds of starving Indians among us. He spoke to our Tribal Council, 'If we make promises,' he said, 'we will try to keep them.' The sounded pretty nice. We all applauded.

"But the next month our promised $125,000,000 had been cut one-third and we were sold down the river again.

"The effect of this is to depress the Navajo people's spirits as they have never been depressed before.'"
The picturesque setting provided background for the recent barbecue held during the 1951 Owyhee County Cattlemen's Assn. meeting at Silver City, Idaho. The show line and parked cars indicate success of the event. Photo by W.L.D.

Mavericks
by
FRANK M. KING

MRS. EMMA MUIR sent me the following portrayal of John Ringo at the Palace movie house in Lordsburg, N. M., Oct. 15-17, 1950, and stated that she sent the story with permission from the Lordsburg Liberal of Oct. 13, 1950. It's a good story of that old gun fighter, who was afraid of no man who walked, but read it, quote:

"Mrs. Emma Muir Writes Short Life Sketch of Western Outlaw. Mrs. Emma Muir is the author of the following sketch on the life of John Ringo.

"John Ringo, by Emma M. Muir. John Ringo was portrayed in 'The Gunfighter,' showing at the Palace Theatre on Sunday, Monday and Tuesday, Oct. 15, 16 and 17, is a portrayal of John Ringo's life.

"Then I realized that it was my college friend, John Ringo, who later was found dead in the forks of the tree in that lonely spot in Arizona without a clue to the cause of his death.'"

"John Ringo was tall, handsome, soft spoken and well mannered. Mary Hughes Robson (whose husband, John Robson, was president of the First National Bank of Lordsburg), told me many times about John Ringo. He had been her idol as a little girl and she respected his memory as long as she lived.

"She said that he always brought her some small present when he went to Tombstone, and taught her to read English from the Bible and Spanish.
Your FIRST Opportunity to Buy

SHORTHORN AND
Polled SHORTHORN
BULLS developed under practical, identical range conditions

Range Bull Project Show and Sale

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SHORTHORN AND
POLLED SHORTHORN BULLS
All ready for service—one or a carload

Rugged, heavy-boned young sires that have been tested under range conditions since June 1, 1951. Buyers will be given individual ratings at the beginning of the contest and also the average daily gain. Take the guess-work out of bull buying.

SHORTHORN PERFORMANCE DEMONSTRATED

The Bar B. Ranch, Ogden, Utah, proved that Shorthorn blood is responsible for average weight increases per calf of nearly 50 lbs. per head at 10 months of age by weighing over 1100 calves, one-third of which were cross-bred, sired by Shorthorn bulls—the remainder straight bred calves of another breed. YOUR HERD WILL ALSO PRODUCE CALVES TEN PERCENT HEAVIER IF YOU USE SHORTHORN BULLS. Buy them hardened for service and strong-aged at Broken Bow on October 20th.

A UNIQUE SHOW OF BULLS

The bulls will be judged for cash prizes in groups of two and three (no halters) following a system long used in Argentina.

Auctioneers: CHARLES ADAMS & JOHN DONNER
Sale Managers: TED AEGERTER & CLINT TOMSON
Headquarters: HOTEL ARROW, BROKEN BOW, NEBRASKA.

Project and sale sponsored by

American Shorthorn Breeders’ Association

7 Dexter Park Avenue Dept. WLJ Chicago 9, Illinois
Robert Boller—two of the men who held the inquest over Ringo's body on July 14, 1882, and they both told me that there was no question but what John had committed suicide. The course of the bullet showed that it could only have been fired by his own hand." End of quote.

"RINGO was the fastest gunman of his day and indifferent to danger. He was a known enemy of the Holliday-Earp faction in old Tombstone. The first mayor of the town, Charles Thomas, said: "'What the world needs is more John Ringos.' He accused the Hollidays and Earps of aiding white slavery and he had been known to buy a ticket home for many a disillusioned young girl.

Robert was Curly Bill—just exaggeration—nothing else. I was united with 'Bull' Lewis and

CHANDLER HEREFORDS—Here's a rear view of a group of Herefords lined up at the fence on Herbert and Charles Chandler's well known ranch, Baker, Ore. Photo by W.L.J
1951 National SHORTHORN and POLLED SHORTHORN SALES

held in connection with the—

THIRD ANNUAL NATIONAL SHOW

Ak-Sar-Ben Grounds, OMAHA, NEBRASKA

OCTOBER 1 to 4, 1951

35 LOTS POLLED SHORTHORNS—SALE 9:00 A.M., THURS., OCT. 4th
60 LOTS SHORTHORNS—SALE 10:30 A.M., THURS., OCT. 4th

An Offering for those who want the Nation's Best...

PROGRAM

★ TUES., OCT. 2 — 9:00 AM — Bull Classes Judged
   " " " — 2:30 PM — Shows of Shorthorn and Polled Shorthorn
   Sale Cattle

★ WED., OCT. 3 — 9:00 AM — Female Classes Judged
   " " " — 7:00 PM — BANQUET — Hotel Fontonelle

★ THUR., OCT. 4 — 9:00 AM — POLLED SHORTHORN SALE
   " " " — 10:30 AM — SHORTHORN SALE
   " " " — 2:30 PM — SALE Feeder Calves and Yearlings
   " " " — 8:30 PM — Judge BEST TEN HEAD during Rodeo Per-
   formance

HEADQUARTERS: Hotel Fontonelle, Omaha—Write direct for room reservations.

- Write for catalog and information to

AMERICAN SHORTHORN BREEDERS' ASSOCIATION

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BUY PROVEN RANGE BULLS — — — —

Plan also to attend the spectacular Range Bull Project Show and Sale at
Broken Bow, Nebr., on October 19 and 20, where 102 rugged range-tested, ready
for service Shorthorn and Polled Shorthorn bulls consigned by 45 Mid-West breed-
ers will be shown and sold.
Oat and poultry.

When Writing Advertisers

Entries close September 20
Send application to Pacific International Livestock Exposition, Box 96, North Portland, Ore.
Requests for free illustrated booklets.

Oregon Resumes Aerial Reseeding of Forests

The Oregon Forestry Department is planning to resume aerial baiting and seeding of denuded state forest land by helicopter early this fall, according to Rudy Kallander, rehabilitation director.

The department will seed 11,027 acres in the Tillamook burn and 750 acres in the Butte Creek area of Clackamas and Marion Counties. Seeding is scheduled to begin in the first of November. Prior to seeding, the areas and a buffer strip around them will be baited for rodent control. Total acres in the project are 17,066 in Tillamook and 1,640 in the Butte Creek area.

Two different rates of application and two different species of seed will be used on the Tillamook burn unit. Approximately 10,584 acres will be seeded at the rate of one-half pound of Douglas fir seed per acre. The area will be flown twice using one-fourth pound of seed per acre per application, the second flight at right angles to the first. The 443 acres will be seeded with one application of one-third pound of Douglas fir seed per acre and a second application of one-third pound of Western redcedar per acre.

The entire Butte Creek area will be seeded with a mixture of one-half pound of Douglas fir seed and one-fourth pound of Western hemlock seed per acre.

Both the bait and the seed must be applied from a constant elevation of 150 to 200 feet above tree top level and at a constant speed of not less than 45 miles per hour and not more than 60 miles per hour to insure proper distribution.
At more than twenty strategically located livestock hotels (feeding yards) your meat on the hoof can feed, rest, gain weight and condition while waiting for the best time to move to market or destination.

At these railroad feed yards, livestock waits for the orders of the owner or shipper to move on to market, processor-packer, or to feed lots.

Union Pacific serves eleven of the principal and largest livestock markets and meat packing centers west of the Missouri River and more than 100 smaller livestock markets in twelve states.

There is a convenient feeding and conditioning stockyard on the Union Pacific close to all of these markets.

Send for a list of railroad feed yards, commercial feed yards and livestock markets served by Union Pacific. Address our nearest Traffic Department Office or Union Pacific Railroad, Omaha, Nebraska.

Be specific ... ship "Union Pacific"

TO JUDGE 'DOWN UNDER'—Clarice E. Tomson, Geneva, Ill., executive secretary of the American Shorthorn Breeders' Assn., has accepted an invitation from the Royal Agricultural Society of Australia to judge Shorthorn and Polled Shorthorn cattle at the 1952 Royal Easter Show in Sydney next April.

Modern Corrals Help Save Cattlemen Time and Money

Combined with squeeze chutes, loading chutes and sorting and handling pens, modern-day corrals are really paying off for Western cattlemen.

Laid out to meet present needs they permit livestock to be handled with a minimum of excitement and shrinkage, leaving them in better physical condition for the trip to market, according to Walter Armer, livestock specialist for the agricultural extension service at the University of Arizona.

A good squeeze chute saves on both livestock and manpower when cattle are being treated or branded. Loading chutes equipped with catch or step inclines prevent slipping and possible injury to animals.

Length of a loading ramp should be about 12 feet or more and the chute should be located where it's handy for both the livestock man and the trucker.

Recommended width for a loading chute is about 32 inches with sills on the inside. Use of bolts in building it prevents boards from loosening and scratching livestock.

When planning a holding pen and chute, avoid placing the loading chute at right angles to the loading ramp. Cattle are likely to become brushed and making sharp turns.

Pattin' Applied For

By S. OMAR BARKER

I never saw a purple cow,

But once, in purple satin,

I got slapped by a heifer who

Objected to my pattin'!
“Clem” Moore, Sacramento, Calif.: We all know that the judges in our major shows have a good deal of work and responsibility to place the animals.

Oral reasons for placing the top five for each class would be more informative and much more interesting to students and breeders. It would also give the judge a chance to make known his reasons for placement, which in my opinion would make for a better feeling on the part of the exhibitors and spectators.

As interesting more commercial stockmen, I feel that the vigor of our purebred cattle has declined over a period of years through line breeding. To interest the commercial stockmen, who are primarily interested in animals to sire commercial stock, the breeders must produce animals that have vigor to go out and do a job under commercial conditions.

These conditions usually require the animals to travel much more and work much harder with less feed than in the case of purebred ranch conditions. Therefore, it is my opinion that the breeders must produce a product that will interest the commercial men and that the judge can do little more to create interest other than a good honest job of placement plus oral reasons for the placing of the top animals.

Fred Levanger, Delta, Utah: I'm not qualified to say much on livestock judging, especially the individual breeds. But I would like to hear more said about the crossbreeding of the beef types of cattle.

Our business here is primarily stocker and feeder cattle, and I believe that for the future improvements of the beef breeds we will come to more crossbreeding. Perhaps it would arouse more interest if the judges were to explain what could be expected when certain beef breeds were crossed, which cross was the most uniform, especially for markings, and so forth.

Quite a number of feeders today will tell you they prefer crossbred cattle in their yards to obtain the better returns from the feed.

There have been some good results from the crossbreeding of sheep in the past years. I think the same can be expected in cattle in the future. I think it is the biggest field to be touched in the commercial herds in the coming years.

Howard Alexander, Spokane, Wash.: I think that most ranchers and farmers who have been handling cattle most of their lives would like to know why one animal was placed above another. Quite often when sitting in at a show I place the cattle in my own mind and find that I'm not too far off with the opinion of the judge.

When he places animals differently than I do I'd like to know why. I think these judges should have a chance to tell why one animal is placed above another after each class is judged.

The October Question

“Who do you think should be the next president of the United States? Give your reasons.”

Send your answer along with a photograph of yourself to “Question of the Month.”

Hi $ finish right at the market!

Expert care and balanced feeds at California Cotton Oil Feed Yards give your feeders that high-dollar finish with no shipping loss—yards are located less than one mile from the Los Angeles Stock Yards.

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PHONE AN. 0189 NOW for space reservations.
Western Livestock Journal's

Horse of the Month

STELLAR

Owned by J. Holman Waters
Salt Lake City, Utah
Horses and Horsemen
Edited by Bill Smale

Horse of the Month

MORGAN horses are popular. Proof of this is found in our Horse of the Month, Stellar MHR 10,009, owned by J. Holman Waters’ Milholrh Acres, Salt Lake City, Utah. This chestnut son of Mentor MHR 8627, by Goldfield MHR 7901 and out of Naad MHR 06592 by Hudson, was foaled May 10, 1948. At the 1948 National Morgan Horse Show he won his class and in 1950 was named junior champion stallion of the show. His sire was grand champion of this show.

Raised by the Morgan Horse Farm, Middlebury, Vt., he was purchased by Mr. Waters in January of 1951. Stellar represents the most successful breeding carried on at the Vermont station prior to its dispersal this year, with five crosses to the Binghamton-Artemisia mating that is so highly regarded by Morgan horse breeders. He stands 15.1 hands and weighs 1,125 lb.

Since his arrival in Salt Lake City, Stellar has drawn much attention from horse lovers of the area, and though shown only once under saddle in a parade class, he stood third. This horse is typically Morgan and is regarded as a most important addition to Milholrh Acres where Morgans reign to produce the very finest Morgan is the variation in type, size and characteristics within the breed. Some feel that a distinct type standard should be set up and much is being done by the Morgan Horse Club to determine what type, if any, should be developed. This problem is not unique with Morgan horses though, for these variations are prevalent in all breeds of livestock and the type you like and can use effectively will probably be admired by many others who want to buy Morgans.

If the type you are raising meets substantial demand and is sufficiently popular in the show rings to attract the judge’s eye some of the time, you are probably just as well off as the next fellow. If your horses are not meeting the requirements of the buyers, possibly you need to change your breeding operations to coincide with what the people want. We can’t all be right all of the time and sometimes if our product isn’t going over, we are the fellows who should change, rather than to try to change public opinion. The public might be right!

It is important that there be a standard of quality and type, but that standard must always allow for the variations that occur in the breeding of all livestock. A standard that will not allow a high percentage of the horses of the breed to conform within its limits is not going to be workable for the breeders. Neither is it advisable to perpetuate horses of a breed that neither conform in type nor working abilities to those features that made the breed distinctive and worthwhile.

This past spring a good many horsemen brought up the Morgan question and asked what had happened to the breed. It seemed an appropriate time to try to find out a few things, so this column was devoted to a discussion of Morgans. From the letters that came in, there was not only a great deal of interest, but these owners and enthusiasts were constructively working on developing renewed interest in these horses that originated in the New England states during Colonial days.

Letters told of Morgans being sold, horse shows in which Morgan classes were prominent, owners who were enrolling their Morgans by having group trials, and breeders who were certain there was a future for the breed. Some former breeders were not happy about the future, but they had a distinct appreciation for the breed.

Then came letters and phone calls asking where Morgans could be purchased. This was a most encouraging sign. There is today a substantial demand for these “all-round” horses. There is a need in many areas for horses of the breed, for they fit into what many horsemen want.

Morgans have long been noted for their quiet dispositions, willingness to do the job they are put to and give friendliness in payment for good care. They are a particularly good pleasure horse for “knocking around.” One owner has used Morgans for a number of years for back mountain trail riding on hunting trips and you couldn’t sell him any other breed.

One problem for the breeder trying

**VISALIA helps make it a Yippee-yi Yuletide!**

Since 1970, “VISALIA” has been the accepted mark of quality, finest materials and workmanship in saddlery and equipment for horse lovers. Here are a few of scores of Gift-Ideas!

**CONCHA BELTS**
Sterling Silver String Conchas mounted on lined tan or black calfskin belt. Sizes 24 to 32 waist.

- **52.40**
Federal tax included in all prices.

- **22.45**
Sterling Silver Name Plates
Cheyenne style, bolt Conchas, 15.00
Engraved initials, each . . . . 50c

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Cowboy Christmas Cards by famous cowboy artist, Evan K. Soward. Spirit of range captured on fine India stock. We send Special Hand-picked Selection. With matching envelope, only 15¢ each Imprinted

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**VISALIA STOCK SADDLE CO.**
2123 MARKET STREET
San Francisco 14, Calif.
ESTABLISHED 1870

Page 137

NOVEMBER 15, 1951
Hurry Scurry with Calcutta Pool

By THOMAS W. ALLEN

A little blonde and a big red horse give the customers a show for their money

BEFORE my ridin' Uncle Homer checked out of this world to meet his doubtful reward many years ago, he sez to me many times, "Son, don't ever let me hear tell of you riding one of them dang flat saddles." He put them in the same category as measles, whooping cough and the 7-year itch, and, if I even so much as peeked at a hunter or jumper class, it called for immediate application of a barrel stave to that portion of my anatomy where the back changes its name.

It appears that times are changing, and even the Methodists have been known lately to sit down and break bread with the Baptists—the fact that one sprinkles and the other dunks don't seem to make much difference. So, whether you ride a flat saddle or one containing horn, swells and cantle, there is no reason why the merits of both can't be combined to make the swellest horse show or gymkhana that the howling public ever flocked in to see, to add vim, vigor and vitality to any horse show in the land.

As near as I can figure out, the English "handy jumper" class and the Western "scurry race" can be called "hurry scurry," regardless of what equipment is used and regardless of the height of the jumps. From here on out just assume that this is a Western event, although I will explain and illustrate it as it is done in the English shows. The Calcutta pool has no reason to be confined to English classes so I will combine the whole works and call it "hurry scurry with Calcutta pool."

Featured Event. Down in Sacramento, where Governor Warren

Hurry scurry course is comprised of seven jumps put together at 90-degree angles (above). Horses are scored on time, faults of jumps:
Carol Ballinger and Red Rogue pose for picture during San Mateo Gymkhana Club horse show. They tour the show circuit in summer months with Don and Barb Dodge of Barbara Worth Stables. The attractive 17-year-old hunting and jumping enthusiast and her big red gelding hold hurray scurvy record at Worth's.

Quar ters Horse Weanlings

CHAMPION BLOOD FOR SALE

From our group of Grand Champion mares, probably the greatest selection of outstanding mares the country over, we have a number of exceptional foals for sale now.

They are sired by Joe Bob, Joe Barrett, Dan Waggoner, School Boy H, King Bob and other great stallions. They are out of such mares as G-Fern Gold Star, Molly O'd and others of that caliber.

Come see them, write or phone for more particulars. First buyers get first choice.

Built to protect your foot comfortably. Patent ed crimped tongue fits smoothly. Steel arch gives you extra support.
and the beast” personified to perfection. They hold the record for the fastest record of 21 seconds, which adds to their winning performance in last show that had no faults on record. This remarkable thing about them is the way that huge horse can maneuver all that weight and turn over, down and around with speed. When he makes a jump, it lands sliding and turning a Quarter Horse. He hits the ground with his hind legs way under him, is turned around and ready for the next jump before he gets stopped, just don't make sense, but there is.

The second remarkable thing is that gal stays aboard. Because of size and weight of the horse, landings and turnings are rough. If she had a saddle, then bucking rolls and heavy stirrups, help her. I could see some reason for her being aboard at the end of a course, but with that posture of leather giving her no sensitivity whatever, it really takes balance, coordination and skill that are overshadowed only by the fortitude the rider has to have even to enter yet another event.

Mazie and Red Rogue tour the show circuit with Don and Barbara Dodge during the summer months, and then ride in classes up and down the coast.

**A Great Addition to Western MORGAN Horses**

**Stellar**

MHR 10,009

Horse of the Month

3 years old. 15.1 hands—Dark Chestnut—1125 lb.
by Mentor MHR 8627 out of Naiad MHR 06092.

**Your Visit is Welcomed**

Occasionally you see a horse that “takes your breath away,” STELLAR is such a horse. He is National Junior Champion Morgan Stallion and is developing into a great performer as well as a great stallion. His disposition matches his other great qualities. He is a wonderful addition to the MILHOLM MORGANS.

**Other Milholm Stallions**

**GOLDEN JUBILEE**

MHR 8549 — PHA 36
PHBA 11707

**MILHOLM CHIEF**

MHR 9852
PHBA 11709

Registered Morgans For Sale

**MILHOLM FARMS**

J. HOLMAN WATERS, Owner

5111 Cottonwood Lane, Salt Lake City 7, Utah
The Morgan is the oldest distinct breed of horse in America. Justin Morgan, the founder of the breed, was born in Massachusetts in 1789, and died in Vermont in 1821. During his lifetime, Justin Morgan was especially prized for speed on the run for short distances, for brilliance on the parade ground, and for endurance and pleasantness on the road. Today, Justin Morgan remains famous first of all for his great prettiness, because, down to this very day, his true descendants still look and act like him.

A pure-bred Morgan horse stands, on average, over 15 hands high and weighs about 1,000 lb. In shape he is compactly built, with short legs. He has very little to maintain and is a good mother. In color, bays and chestnuts predominate. The Morgan has sought, intelligence, beauty and endurance. He is seldom sick and is unusually free from blemishes and hereditary defects. In proportion to his size, he can pull a heavier load and do more work than any other breed of horse. More all is useful. He can be ridden, driven and worked. In short, he can perform well different kinds of work than any other kind of horse, and do it on less feed.

Not until long after the death of Justin Morgan, was any definite effort made to trace his breeding. Discussion of Justin Morgan's origin apparently appeared in print for the first time in 1841. Subsequent study has shown Morgan's ancestors to be Arabian and Thoroughbred. Mr. Joseph Battell published a pedigree in Volume I of The Morgan Horse Register, which shows that Justin Morgan descended from the Byerly Turk and Goodolphin Arabian. Others maintain that he was a French horse. But whatever his pedigree may have been, for all practical purposes of the Morgan horse breeder of today Justin Morgan may be regarded as Adam.

**Usability & Style.** Justin Morgan was an animal of exceptional usability and style. When ridden, he parades and at his best bears an air of quiet dignity and a bridle that even women could ride him. To an extraordinary degree, he retained his image and imitated it. Thus time and time again, his descendants prove that if Morgan was bred to Morgan, you will get a Morgan every time. In order to save the breed, we must take careful stock of all Morgans now available, and breed to the best with the best. We must cull ruthlessly, if we are to keep the breed and call them Morgans. If we breed to just anything, because it is called a Morgan or just because it happens to be registered, registered by some breeder who was more financially minded than breed minded, then we might as well make up our minds that within 75 years there will be no more Morgans. It can not be stressed too strongly that you must look at your Morgans. Look before you buy and look before you breed.

Are there any real Morgans left today? Yes, a few—a very few compared to the thousands registered in the past years. It should be remembered that as the name Morgan has a great commercial value, many horses are called Morgans that are not Morgan at all. Why are there not more Morgans today? The decline of the Morgan breed is attributed to the craze for speed and desire for greater size and the exaggerated higher action, which, together, led to violent and damaging crosses with foreign blood.

What has caused the decline of the Morgan horse? Undoubtedly the development of the racing horse. The insane desire for very fast harness horses which sprang up about the time Ethan Allen and Daniel Lambert were making their world record breaking times, caused the points of conformation, style, and endurance, for which the Morgan horses were valued, to depreciate in popular interest.

**True Representation.** And to further expound, we come to the time when we should clearly tell the prospective buyers what a Morgan is not good for. Too long have breeders harked back to the "good old days," the glorious past of the Morgans. We are living in the present, not in the past, and we owe it to the present day Morgans to represent them as they are. What is the Morgan horse not good for today? He is not good for a race horse on either the running or the trotting tracks. To be sure, in 1867, Ethan Allen with running mate made a record of 2:15, and today some trotting men say that a Morgan cross in a Standardbred trotter gives endurance and courage. But, no one can truthfully say that Morgan horses today are gaining any recognition or distinction on any track.

He is not a draught horse. Although...
Real Reasons For Morgans!

When you go looking for a horse to ride, one of the first things you are interested in is getting a horse with a disposition that will make him easy to handle. Of course, you want a horse with an easy gait and one you will enjoy riding.

Go to the ranch of a Morgan breeder or owner and ride one of his horses. You will know what he means when he says “They can do anything.” Morgans have that disposition that you like in horses. They are easily trained, quiet, intelligent and receptive.

Getting down to the mechanics, notice this Morgan’s conformation, full made body, good legs, with pasterns long enough to cushion your ride. Notice how the saddle rests comfortably on his back and sits where it should. Walk around this Morgan, check his muscling and you too, will realize why Morgan horses can do any job asked of them. They have the muscular development for mountain trails, working cattle, or general pleasure riding.

Now stand back from this Morgan and notice the overall symmetry and practical beauty of the horse and you realize why so many have worked so long and diligently to perpetuate and improve this “ALL AMERICAN” horse to use in this country.

Write today for a list of Morgan horse owners and breeders in your locality so you can look over a Morgan. We will be glad to send you such a list, along with a copy of the booklet, "The Morgan Horse."

Raise PROVEN Quarter Horses!

Breed to . . .

SONNY KIMBLE
P-1169

Three-quarter brother to King P-234. Sonny Kimble is a potent successful sire of great working and racing horses as well as grand champions. One of the top sires of the West.

Fee $100 to approved mares.

A few mares bred to him and White Possum now offered for sale.

See their 1951 colts at the ranch.

WHITE POSSUM
AQHA 9559

A strong Traveler bred stallion sired by Brown Possum AQHA 15.

Fee $50, return for season.

Mr. and Mrs. Graeme Stewart
DORRIS, CALIF.
BAYAN
AHC 4522
For Sale

He is a 3-year-old copper chestnut stallion. Has been shown 6 times in Northern California, winning a blue ribbon each time and 1st in his class at the California State Horsemen’s Convention in 1949. He has perfect saddle type conformation. Stands 15.1 and has an unusual amount of type and quality. His first colt is a dandy. Bayan is priced very low because he is unbroken.

SIRE: Terhani by Farana ex Halawa
DAM: Tahir by Antez ex Setana

Mr. and Mrs. John W. Robson
VINA, CALIF.

(In Northern California) Phone 2442

Join the 1951 Knowledge of WESTERN CHRISTMAS CARDS
Colorful Country Creations by R. R. Lorenz. Fifth Year. All new selection. Priced reasonably. A postcard NOW will bring a
FREE SAMPLE and CATALOG
LAZY R. L.
Box 493
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Home of Black Morgans
Mary H. Smith

Route 1, Box 288
CAMARILLO, CALIF.

Phone 2390
Buy Quarter Horses
FROM THE BREEDERS AT...
FRESNO, CALIF.
P.C.Q.H.A. Quarter Horse Auction
Saturday, October 20, 9 a.m.

Entries in this fall sale are being selected by a sifting committee and will standard you can depend upon. All horses over 2 years of age must be AQHA registered and those under that age must have registered sires and dams. Sale will include horses, ranch geldings, mares, colts and fillies for all around use.

During 7th Annual Fall PCQHA Show and Races, Oct. 19-21
Fresno District Fairgrounds, Fresno, Calif.
Championship Halter, Working, Cutting, Roping Events

Come watch the best Quarter Horses of the West compete in halter and working events in a fast moving, complete classification show. If you have horses to show, be sure your entries are in early. See fast moving working events and running Quarter Horse races.

• • • • For entry blanks and information write today . . .

PACIFIC COAST QUARTER HORSE ASSOCIATION
P.O. Box 1469 Fresno 4-3629

THIS IS OUR PREMIER STALLION!
GLENS MORGAN M.H.R. No. 9056
7 Years Old—Chestnut—15 Hands—Weight 1050
Never Defeated in the Show Ring
Since We Have Owned Him
Westward the course of Empire winds its way—as it is with the true Morgan, long a favorite in New England since Colonial days—the mid-continent and the Pacific West is fairly humming with Morgan horse activity. Now you too, can

RIDE A MORGAN HORSE
We Have For Sale At This Time
Three Registered Morgan Horses

GLIDDEN—MHR 9658 4 yrs. Chestnut Stallion
Sired by Easter Parade. Well broke. 15 hands. Wt. 1050 lbs.
We use our Morgans as ranch horses, rodeo and rope horses. They are ideal trail, posse and pleasure mounts as well.

STALLION SERVICE
and facilities for visiting mares the year around.

WE ARE ALWAYS GLAD TO SHOW YOU OUR MORANS

MR. and MRS. C. C. PURDY
LORANE ROUTE COTTAGE GROVE, OREGON

WESTERN LIVESTOCK JOURNAL
The great interest of children in horseback riding in California today is bringing about the development of a new pony for the juniors' particular use.

Perhaps the word "new" is not correct, for actually the pony we refer to—the small horse that measures under 14.2 hands—has always been with us, but not in such numbers as today.

The Shetland pony still stands as a top attraction for children but the small horse, or pony as he should be called when he measures under the 14.2 hands, is finding his way into the hearts of the younger generation for many reasons.

Promotion. Perhaps the main factor that has brought about breeding activities to raise ponies is the tremendous advancement since the war in promoting riding groups, drill teams and horse shows for teen-age boys and girls, and a recent trend to promote such activities for children under 10 years of age.

Charles Peters of Auburn, Calif., who with his son Charles, Jr., owns King, one of the finest Welsh pony studs on the Pacific Coast, is finding the business of raising small horses or ponies a good one.

Peters keeps King, who is coal black and stands 12.4 hands, available for stud purposes and during a year more than 30 mares are bred, including those owned by himself and individual mares owned by northern California horsemen and ranchers.

Pointers on Breeding. "The secret to getting a small horse or pony," Peters explains, "is to breed such a pony as King to mares that are no more than the maximum pony height of under 14.2 hands. All mares in our string are that small size."

"We just added five Palomino mares that are under the maximum size, and they will foal at three years, about the last of next May. We hope to get some chocolate-colored ponies with either black or light-colored tails."

"So far we have found that King's dark color predominates in his breeding, with most of his colts coming out a solid color, but we have found that pinto coloring can dominate his color. One mare that has been bred to him three times has foaled three pinto ponies."
Don’t Miss This Opportunity
To Buy Useful Quarter Horses

Wednesday, October 3, 1 p.m.
California State Fair Grounds
SACRAMENTO, CALIF.

Three of California’s Top Breeders
MR. and MRS. JOHN J. MR. and MRS. W. A. MR. and MRS. WALTER S.
POND – THOMPSON – SCARLETT
Shandon, Calif. Fairfield, Calif. Suisun, Calif.

SELLING 36 LOTS

Featuring:
BLAZER C. AQHA 2470
A potent Rodeo horse sire
MISS TWINKLE AQHA 13,343
Top working show mare
MISS TONI P-20,367
Exceptional Tony filly
YOUNG PROVEN MARES
Bred to recognized sires

HILDEGUND P-4886
A great brood mare
QUICK SAND AQHA 8270
1950 PCQHA Res. Gr. Champion
RANCH WORKING GELDINGS
Many ready for work
SEVERAL SHOW PROSPECTS
Bred to be toppers

Mares, Colts, Stallions, Geldings
SIRED BY
POP CORN AQHA 2706
SYKES II P-3148
BIG SHOT P-860
JEFF B P-2022
ED. ECHOLS P-4120
TONY P-776
REED McCUE P-1236
PRIMIRO G. P-11,859
GERONIMO P-4240
OSAGE RED AQHA 13,033
CHUBBY W. JR. P-15,423
PEE WEE
JACK McCUE
COPPER McCUE P-3363
HARD TACK P-687
JOE BOB P-1064
ROWDY P-795
HUMDINGER P-1687
DUKE
IRON DUKE
FOREMAN
SNIP BEACH
SERAVEJO (TB)
CHAPAROSA AQHA 7638

Write Today for Catalog

For catalogs and information contact: BILL SMALE, Sale Manager, Western Livestock Journal, 4511 Produce Plaza, Los Angeles 58, Calif. CHAS. ADAMS, Auctioneer.

Horses can be seen at their respective ranches between now and the first of October, when they will be at the Fairgrounds, Sacramento. We invite you to come see them before the sale at the ranches.
ferndale's

FALL CONSIGNMENT QUARTER HORSE SALE

Sunday, October 14, 1 p.m.

Rancho Del Cerrito Canoga Park, Calif.

Bargain Sale of '51

G-FERN LINDA JOELA
Consigned by John Mawson

You are buying one of the most attractive 2-year-old fillies in the country in this blue ribbon winner. She is a daughter of Joe Barrett by San Siemon and out of G-Fern Linda Mujer by Joker by Chicaro Bill. She should run too.

JO JO R
Consigned by John Mawson

Here is a potential sire, bred right and ready to put in service next spring. He won his class at the 1950 spring PCQHA show at Pomona and also won his race there. He has won other races too and can win more. Look at his type and quality...he's a top Quarter Horse.

44 Lots of the Best in the West

IF YOU CAN'T ATTEND...

Perhaps you won't be able to get to Ferndale the day of the sale. If not, write today for your catalog copy, choose those lots you want and mail your top bids with a certified check to Bill Smale, Western Livestock Journal, 4511 Produce Plaza, Los Angeles 58, Calif. If your bids are successful in purchasing the horses you want, we will ship them to you at cost and will, of course, take the best of care of them until shipped.
FALL CONSIGNMENT
SUNDAY, OCTOBER 14
44 Head — Grand Champions — Sons and Daughters
Here’s A Preview

Consignors:

Ferndale Ranch ........................................ 21 Lots
Vessels Ranch .......................................... 6 Lots
Rancho Sierra Vista ................................... 7 Lots
Perry Cotton ............................................ 3 Lots
Charlie Hepler  ........................................ 1 Lot
Dick Dickson ........................................... 1 Lot
Bill Welch ................................................ 1 Lot
Walter Wreden ......................................... 1 Lot
John Mawson ........................................... 3 Lots

Consistent with our long-time policy, this consignment sale is made up of exceptional stock, including Grand Champions, class winners, race winners, full brothers and sisters to Grand Champions and prospective GRAND CHAMPIONS and race winners. Sires represented are:

JOE BARRETT P-1539
KING P-234
BILLY ANSON P-898
OSAGE RED AQHA 13,033
TONY P-776
TOPPER P-914
RED MAN P-1685
JOE BOB P-1064
HONEST JOHN P-8154
SILVER KING P-183
CHICARO BILL P-1297
BOOGER H. P-12,901
JOE REED P-3
JOE REED II P-895
JOE BAILEY P-4
RED DOG P-55
JOKER JOE P-2812
WITH REGARDS (TB)
PLUTREL (TB)

Since 1945 Ferndale Ranch has produced, purchased and sold more Grand Champions and high selling Quarter Horses in the West than any other breeder. Our sales have established new national high averages of the breed. You will get the same high quality and superior ability in this sale AT BARGAIN PRICES.

Billy’s Flossie V.
Consigned by Dick Dickson
This mare was GRAND CHAMPION at the PCQHA show as a 2-year-old—she is better now.

Sierra Johnny (Appendix)
Consigned by Rancho Sierra Vista
Working horses are born too and here is a natural sired by Honest John P-8154 out of a good Joe Moore mare. He has the breeding, conformation and handiness to be one of the best working horses in the West. He is a 2-year-old, and has a lot of individuality.

You’re Guaranteed That FERNDALE QUALITY
ferndale's
QUARTER HORSE SALE
Rancho Del Cerrito, CANOGA PARK, CALIF.

and Daughters of Grand Champions — THE BEST

OF SOME OF THE BARGAINS

LITTLE BILLY ANSON P-13,257
Consigned by Vessels Ranch
Here is a great 5-year-old stallion prospect sired by Billy Anson P-878 out of Orphan Annie P-974 by Baby King. He has won a number of halter shows and is trained as a cutting and rope horse. He watches cattle and is bred to produce ranch working horses.

CONFORMATION P-749
Consigned by Charles Hepler
This beautiful mare is a full sister to Little Joe Jr., the great show horse and sire owned by Chas. Bennett, Kirkland, Ariz. She was a great show mare (Grand Champion at El Paso and Albuquerque) with lots of speed. She has a filly at side by Veto, a top son of Joe Reed P-3. If you want speed, breeding, conformation, quality, buy this great mare and her foal.

G-FERN RED BOW P-9012
Consigned by Ferndale Ranch
This is a racing mare of ability, a show mare and a real brood mare. She is sired by the beautiful stallion, Red Man P-1685 by Joe Mambyck and out of a mare by Ben Hur II. She is now bred to Joe Barrett, the stallion we sold for $5,500 in our last sale. Think of the value of this foal.

MAIL BIDS—
In order for you who are unable to attend to bid on the horses you wish to purchase, you may send your bid with a certified check to Bill Smale, Western Livestock Journal, 4511 Produce Plaza, Los Angeles 58, Calif. If the bid is successful in getting the horse, he will notify you immediately and we will ship the horse anywhere in the United States for you at cost. We will, of course, take the best of care of your purchases.

THIS WILL BE A BARGAIN SALE.
G-FERN HI HO JOE  
Consigned by Ferndale Ranch  
Here is a big colt that is a top racing prospect.  
Look carefully at his propellers.

TWO GRAND  
Consigned by Perry Cotton  
This is a particularly attractive rodeo prospect.  
He is bred like the best of the Cotton-Peake Quarter Horses and should be good.  
He is a half-brother to King Bob.

G-FERN BILL JOE  
Consigned by Ferndale Ranch  
Here is a racing prospect, a show prospect and a sire prospect, sired by Joe Barrett out of a Joe Reed mare.

RED REGARDS  
Consigned by Bill Welch  
Here is a 2-year-old stallion son of G-Fern Red Ribbon P-4740, a great rodeo and star racing daughter of Oklahoma Star.  
He is sired by With Regards, one of the fastest Thoroughbreds of all time and a proven sire of speed in his colts.  
This colt can sizzle.

SIERRA GLITTER P-26,640  
Consigned by Rancho Sierra Vista  
One of the few Silver King Stakes horses in this auction, this yearling carries the great Ranch blood and that of Sykes from her dam. Silver King has produced many colts and fillies for Wilbur May and one of them.

BUTTERBILL V P-19,984  
Consigned by Vessey Ranch  
Full brother to Billy's Horse V, Grand Champion of the 1950 Spring Preakness, the makings of a top rope horse.
QUARTER HORSE SALE

DAUGHTERS OF GRAND CHAMPIONS

FERNDALE RANCH

ANOGA PARK, CALIF.

MAIL BIDS

If you will not be able to be present at the sale, you may send your mail bids to Bill Smale, Western Livestock Journal, 4511 Produce Plaza, Los Angeles 58. We will ship horses anywhere in the country at cost and will care for the horse until shipped. For further information contact Bill Smale at the above address.

CHAS. ADAMS
Auctioneer

BILL SMALE
Representing WLJ
Sale Manager

Write for Catalog Complete Study of each Horse
Sheryl Peterson of Sacramento is mighty proud of her pintoo pony, Smart Alec, a cross between a Welsh pony and a Morgan. He was bred on the Fox Ranch, Lo Barne, Wyo. Photo by Elam

“We like to breed King to small Arabians. The offspring make exceptionally fine ponies.

Basis for Demand. Peters believes that increased demand for the small horses or pony has been brought about because (1) it has not taken the juniors and their parents long to find out that the always popular Shetland pony cannot compete in drills and horse show events, and (2) that the old ranch horses and broken-down saddle horses that have gone sour—on which many children were learning to ride—were in most cases detrimental to the development of a good competitive rider.

“The pony as he is being developed today,” Peters explains, “is a gentle animal and can be handled by most any child. But at the same time he is fast. He moves about in the drills and the horse show events in a quick and lively manner. He competes favorably with the large horses and often is even faster. He always looks faster or just as fast because he is smaller.

“A child riding such a pony for some time rarely has trouble graduating onto the large horse and handling him with ease. Another thing—these ponies are smart. They catch on quickly and actually are a great help in teaching the boys and girls good riding and good fast horse show competition.”

Proper Selection. Peters points out that anyone breeding ponies, and parents purchasing ponies, should give particular attention to selecting the correct pony for their child. The ponies, like any animal, have personality and dispositions of their own. The breeder should be able to analyze the personality and disposition of his ani-
IN THE POND-THOMPSON-SCARLETT QUARTER HORSE SALE

19 HEAD Including . . .

BLAZER C AQHA 2470
One of our top sires, a great producing horse for mares and rote horses sired by a son of Blazer and out of Scar Hip. Foaled 1943. He is a real Quarter Horse sire.

QUICK SAND AQHA 8270
A great roping and breeding son of Pop Corn by Red Dog out of a Toney mare. He was reserve grand champion stallion of the 1950 fall PCQHA Show. You are buying one of the best looking and working Quarter Horses in the business.

HILDEGUND P 4886
Here is a top double bred Tony P-778 sire being sired by him and out of one of his daughters. Her second dam was Tonia Gardner dam of Edaleen. She has a Driftwood filly at side and rebred to Big Shot.

Mr. and Mrs. John J. Pond BOX 140 Shandon, Calif.

CIRCLE SEPTEMBER 23 ON YOUR CALENDAR

So You'll be sure to attend MULLER BROS. SECOND ANNUAL Quarter Horse Sale Featuring the blood of...

BROWN BOB JOE BARRETT
KING BOB DANIEL BOONE

Over 50 Head

Including our very finest foundation brood mares—Sue Reed, Red Peggy, Miss Rascal, Cottontail, Gold Marie, Queensland, Sweetwater Lucky Baby, Miss Coyote and others equally as good.

We have a great group of King Bob 2-year-old stallions and fillies that are exceptional as breeding and show prospects. You will also find a number of other fillies, geldings and stallions that are show and working prospects.

We have made every effort to give you the best we raise and you will find them here. If you want ranch using horses, be sure you come, we have some top broke geldings for you.

CHAS. ADAMS, Auctioneer

HOLLYWOOD

RANCH: 15951 Foothill Blvd., San Fernando
OFFICE: 6380 Sunset Blvd. Phone: GRanite 4111
ARABIAN HORSES...

The perfect saddle and pleasure horse for all uses — and constant pleasure.

ARE YOU INTERESTED IN OWNING OR BREEDING ARABIAN HORSES? THERE ARE OWNERS AND BREEDERS NEAR YOU WHO WOULD BE HAPPY TO SHOW YOU THEIR HORSES AND ASSIST YOU IN PURCHASING OR IN ANSWERING ANY QUESTIONS YOU MIGHT HAVE.

YOUR NAME WILL BE SENT TO ALL BREEDERS IF YOU WRITE YOUR NEEDS TO:

PRESTON DYER, Executive Secretary
Arabian Horse Association International
POMONA P.O. Box 1131 CALIFORNIA

HORSES AND CATTLE—This is Emy Serence and foal by Ed. Eschol, owned by Sondra Pomworth, Aachi Polled Hereford Ranch, Porterville. These two were purchased recently to start a small Quarter Horse foundation on the ranch which is noted for its registered Herefords. This is another example of the breed, as they are both on one ranch, so prevalent in the Western country.

Annual Two-Day Rodeo
BARSTOW, CALIF.
September 29-30
RCA Approved

Saddle Bronc Riding . . . . $200
Steer Wrestling . . . . $200
Calf Roping . . . . $200
Bareback Riding . . . . $200
Bull Riding . . . . $200

Also a cutting horse contest approved by the Pacific Coast Cutting Horse Association

FOR ENTRY INFORMATION WRITE
Barstow Rodeo and Riding Club
BARSTOW, CALIF.
be a minimum of juvenile delinquency.

Both McDaniels and Amick invite children to come to their ranches to ride the ponies. They have well regulated programs whereby children are taught that the animals respond to loving care and return that affection.

**Popular Mounts.** McDaniels says he finds that the Shetland pony is the most popular among people who actually have no connection with horse organizations. They buy ponies for their children to ride on their ranches or about small country towns. A somewhat similar situation prevails in cities. The more well-to-do people who are in a position to rent stable space purchase Shetland ponies for their children to ride in the parks.

“But don’t think for a minute that those people we know as horse people don’t recognize the value of the Shetland pony as a good early-age mount for their children,” he says. “They do, as can easily be determined by visiting their stables.”

McDaniels’ Shetland pony sire is Heavens Delight, out of the Silver Crescent line, one of the outstanding breeding lines in the United States. The stallion is a grandson of Silver Crescent, one of America’s three outstanding Shetland stallions. He came to McDaniels from the Boyer Ranch, Marshalltown, Iowa.

**Breeding for Medium Size.** The McDaniels string includes 11 mares and 9 colts. Breeding is for medium-size Shetlands. “There are three sizes in Shetlands,” McDaniels explains. “There are the real small ones. They are cute and good for a small child, but the child soon out grows them. There are medium and large sizes.

“The large ponies are too big for a small child, but we think that the medium-sized ponies standing about 42 inches high are the most desirable because they can be ridden and handled by a small child, and generally that child can continue to ride the pony until he is at least 10 years old.”

McDaniels and Peters bring out the same point—that it is highly desirable to fit the pony to the child in relation to their personalities and dispositions.
EL CORTIJO
ARABIAN COLT & FILLY
Home of Arabian Stallions
Rebyse AHC 1286
Damascus AHC 2506
AT STUD
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Claremont, California

Please Mention Western Livestock Journal When Writing Advertisers
Golden Saddlebred Sire

MACK'S GOLDEN STONEWALL

FOR SALE

(or lease to qualified party)

This royally bred, young golden registered American Saddle stallion has a pure white mane and tail and attractive white points. He was foaled May 20, 1943. He is now a top ranking sire and his colts have a wonderful disposition. Look at his breeding . . .

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<thead>
<tr>
<th>Palomino Mack 18277</th>
<th>Palomino Peavine 16521</th>
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<tr>
<td>(Golden Cavaller)</td>
<td>Dixie Lou 16569</td>
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<td>Lady Stone 27620</td>
<td>Stonewell King 8720</td>
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<td>Jewel Girl 16864</td>
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<td>(Doo's Peavine 11201</td>
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<td>California Peavine 18380</td>
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<td>Tillie Rex 7627</td>
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<td>Jewel M 8368</td>
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ASHBA 25277 PHA 3577

With the blood of two great sires, Golden Cavaller and Stonewell King, is no wonder this stallion has already sired such show horses as Beaucrest's Golden Cocktail, Fribuster, Beaucrest's Golden Dune, Beaucrest's Mill Tuffette, Pink Lady, etc. All of these horses have been winners in the show ring. He was in the upper 50% of the Nation's breeding stallions both in the 1949 and 1950 standings as published by the National Horseman Magazine. We are standing him for $100 until he is sold.

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Kern County

Bakersfield, Calif.
Ten alfalfa pasture plots about 75x800 feet are fattening ground for new Banner pork project. Simple shades protect against blazing sun. Banner planted 1,200 acres of corn this year.

Central farrowing house contains 10 pens for year-round farrowing in favorable climate on Banner place, 12 miles west of Maricopa. Hampshires predominate, though other breeds are used.

“Westerners are further diversifying with corn and hogs” says Lennis Norman, manager of the livestock end of Banner Hamford Ranch, Maricopa, Calif. This is part of the extensive agricultural properties of Em. H. Mettler & Son, Shafter.

Whereupon, Norman pointed out the series of alfalfa plats where Hampshires of the new Banner venture are fattening on pasture, corn and barley. And he pointed to the field of growing corn nearby, which is part of the 1,200 acres Mettlers will pick this year for hog and cattle feed. They grow 300 acres of hybrid corn last year, which yields up to 125 bushels per acre. The crop works well in Mettler farming orientations. And, of course, it is a top livestock feed, seeming to portray that Mettlers may again start feeding commercial cattle as well as the hogs.

Seeing the pork producing plant at Banner was a little startling because the livestock here has been cattle—both the large registered Hereford herd and formerly commercial cattle in feedlots at Shafter.

Like everything the Mettlers do in agriculture, the hog deal is well thought out and set up to run smoothly, with a minimum of labor.

The pictures illustrate:
Bold Venture—
California 4-H Youth Enters Swine Field with $100 and Determination

By HENRY J. BECKMAN

Can a boy get into the livestock business with a hundred dollars? How long will it take him to get on a paying basis? What is the best way to begin? Should he use grade or purebred stock? These are some of the questions that 4-H and FFA boys ask when they are ready to undertake a farm project.

Leland Tos, 4-H Club boy from Hanford, Calif., has worked out answers to some of these questions through a project he has been carrying on under the direction of Steve Marsden, Kings County farm advisor, and with the assistance of his parents.

The boy began by buying a purebred gilt for $100. It was quite an investment for a boy; had the gilt died, he might have been badly discouraged. That was two years ago. Since then he has sold off considerable breeding stock at good prices, bought a few more animals, and now has a herd of five aged sows, six open gilts and a boar.

Things did not go too happily at first. Although his first gilt had eight pigs, there were only two gilts in the litter. It helped quite a bit when his grand champion barrow at the Tulare fair sold for $105 per lb.

Price Winners. At the San Jose Hampshire sale, Leland bought two bred gilts, through the Hampshire Breedman. From these foundation animals he has since sold gilts to breeders in Oregon, Nevada and California. His last barrow came from Earlib, Iowa. When it reached his ranch it weighed 90 lb. It cost him $190, including shipping expenses. That's a lot of money by the pound, but this boar became a fair winner and really put Leland's herd on the map. At the Fresno sale in February, he sold a gilt to a breeder in Yerington, Nev., for $275.

Out of his last 35 pigs, there was only one that was not well enough marked to be registered. At the next sale in the valley Leland will be a showman and will consign bred gilts, open gilts and a boar. The demand for the breeding stock from the Iowa boar is now larger than he can supply.

Last year the principal feed used for his hogs was hybrid corn, a good deal of which is now raised in the valley, although cotton has temporarily crowded out a lot of such crops. This year he is using more ground barley, together with minerals and protein mixtures. For the sows he uses a regular sow mix. In addition, Leland feeds semi-solids all the time, simply pouring water over them and dipping the top off. As the animals get larger he feeds less, however.

Farrowing Procedure. All his hogs are kept on pasture as much as possible. Clover, alfalfa and ryegrass are the principal grasses used. When the sows are ready to farrow they are washed, sprayed and placed in pens, with boards placed over the cement when the weather is cold. These pens are equipped with guard rails and electric brooders, and the surrounding corral is cemented in order to keep them clean.

Here is a venture that started with one gilt and has worked out successfully. Leland, who is 14 years old, is in high school and plans to continue to enlarge his herd by keeping only the very best gilts. If his present success is any criterion, he should, however, become one of the valley's outstanding breeders. His ideal location in the heart of the valley, with grain, pasture and cull fruit available right on the farm or in the immediate neighborhood, is an important factor in the success of his project.

And Pink Elephants, Too!

By S. OMAR BARKER

You’ve never seen a purple cow?
That gag provokes my laughter,
For if you’ve not, you’ve missed a lot
Of purple mornings-after!

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Kevl P. Moore, Sec'y

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Breeder of Registered Polled Herefords and Commercial Cattle

WALDO WEETH RANCH
Waldo Weeth, Owner
Bates Bowers, Herdsman
Coalinga, Calif.

DUROC ACHIEVEMENT—Bule Bowen, left, of the Weeth Ranch, Coalinga, Calif., informs Ernest Enos, Willows, that the Willows High School FFA Chapter will be presented a pulled Duroc from the Weeth establishment for the chapter's outstanding achievement in Duroc showing at the California State Fair this year.

Sows Farrow Normally In High Temperatures

Though sows may die from heat prostration during pregnancy, they do not necessarily lose their litter because of high climatic temperature, according to studies made by Hauer Heitman, Jr., C. F. Kelly, and the late E. H. Hughes of the University of California Agricultural Experiment Station, Davis.

Using a controlled climate chamber, the scientists studied the effects of varying environmental temperatures on a group of pregnant sows. Even with high temperatures, this group farrowed normally.

Nation's Wool Industry Makes Come-Back Effort

Wool growing is staging a comeback all over the country and especially so in California, according to the California Crop and Livestock Reporting Service, which estimates a potential national wool production this year of 229,111,000 lb., or four per cent more than last year.

The California wool-growing industry is slowly coming back from the deep slump into which it plunged during the recent war and early post-war years. For the second year in succession, the state's wool clip is expected to increase.

This year's clip is estimated at 15,024,000 lb., compared to 15,547,000 lb. in 1950 and 14,847,000 lb. in 1949 when the state's clip reached its lowest point in three-quarters of a century.
PRODUCERS—Dick Molson (at ball) and Gilbert Peterson posed with TT Aristo­
3rd, the herd sire they own jointly, during the recent Western Livestock Journal
Washington-Northern Idaho Beef Cattle Tour. Picture was taken at Peterson’s Hereford
spread at Prosser, Wash.

Photo by WLJ

Production of Fescue Seed Crops Declines

Seed crops of both meadow and tall fescues are smaller this year than last,
the USDA reports.

The meadow fescue crop of 600,000
lb. of clean seed is the smallest in 14
years. Most of the reduction was
caused by rainy weather in the three
principal producing states.

Nov. 2-11—Arizona State Fair, Phoenix.
Nov. 3—Idaho Cattlemen’s Assn. Bull Sale, Po­
zallo.
Nov. 3—W. L. Harter Circle Moon Hereford
Ranch Sale, Newport, Wash.
Nov. 8—Inland Empire Aberdeen-Angus Assn.
Sale, Ellensburg, Wash.
Nov. 8—California Polled Hereford Assn. Show
and Sale, Fairgrounds, Sacramento.
Nov. 10-14—Ogden Livestock Show, Ogden, Utah.
Nov. 11—Ogden Livestock Show and Aberdeen-Angus
Sale (9:30 p.m.), Ogden, Utah.
Nov. 12—Intermountain Hereford Breeders Assn.
Sale, Bull Sale (10 a.m.), Ogden, Utah.
Nov. 12—Intermountain Hereford Breeders Assn.
Bull Sale (10 a.m.), Ogden, Utah.
Nov. 14—Ogden Livestock Show Auction of Fat
Cattle, Sheep, Hogs and Feeder Cattle, Ogden, Utah.
Nov. 14—Dick Hibbard Polled Hereford Sale, La
Grande, Ore.
Nov. 17—Santa Clara County Range Bull Sale,
Fairgrounds, San Jose, Calif.
Nov. 18-19—Eleventh Annual California Hereford
Assn. Show and Sale, Madera.
Nov. 23—Registered Polled Hereford Sale, Frank
E. Robinson & Son, Kearney, Neb.
Nov. 23-29—Great Western Livestock Show, Los
Angeles.
Nov. 26-27—Western Montana Aberdeen-Angus
Show and Sale, Missoula.
Dec. 1—Idaho Cattlemen’s Assn. Bull Sale, We­
er.
Dec. 2—Grove Hereford Ranch Sale, Millville,
Calif.
Dec. 3-9—National Western Polled Hereford Sale
and Show, Denver, Colo.
Dec. 9-10—Pacific Coast Aberdeen-Angus Assn.
Sale, Modesto, Calif.
Dec. 10-12—University of Idaho Fourth Annual
Breeders’ Herdman Short Course, Moscow.
Dec. 12—Wyoming Angus Ranch Special Sale,
Sacramento, Calif.
Dec. 15-16—California Cattlemen’s Assn. Conven­
tion, Fresno, Calif.
Dec. 17—San Joaquin Valley Hereford Breeders
Assn. Annual Sale, Tulare, Calif.

1952

Jan. 2-6—Phoenix Livestock Show, Phoenix, Ariz.
Jan. 7-9—H. H. Karpe’s Greenfield Hereford Ranch
Sale, Bakersfield, Calif.

Jan. 11-19—National Western Stock Show, Denver,
Colo.
Jan. 14—National Western Quarter Horse Sale,
Denver, Colo.
Jan. 14-15—National Western Hereford Sale,
Denver, Colo.
Jan. 16—National Western Aberdeen-Angus Sale,
Denver, Colo.
Jan. 17—National Western Feeder Cattle Sale,
Denver, Colo.
Jan. 17—National Western Shorthorn Sale, Den­
ver, Colo.
Jan. 20-21—Ninth Annual Tri-County Hereford
Assn. Show & Sale, Paso Robles, Calif.
Jan. 27-28—California Hereford Assn. Sale, Sac­
ramento.
Feb. 3-4—Fourth Annual Missoula “Top Cut”
Hereford Show and Sale, Port Missoula, Mont.
Feb. 6—Missoula Livestock Auction Co. Purebred
Range Bull Sale, Missoula, Mont.
Feb. 7-9—Tehama County Cattlemen’s Assn. Sale,
Red Bluff, Calif.
Feb. 17-19—California Shorthorn Assn. Sale, Fair­
grounds, Sacramento, Calif.
Feb. 22—Sacramento Hereford Ranch Sale, Sac­
ramento, Calif.
Feb. 27—Columbia Hereford Ranch Sale, Spokane,
Wash.
Mar. 2-5—Columbia Empire Polled Hereford Assn.
Show and Sale, Ellensburg, Wash.
Mar. 4-5—Inland Empire Shorthorn Breeders
Show and Sale, Spokane, Wash.
Mar. 5-6—Northwest Hereford Breeders Assn.
Show and Sale, Spokane, Wash.
March 17—Normandale Hereford Ranch Sale,
Prinerville, Ore.
April 23-25—California Ram Sale, Fairgrounds,
Sacramento.
May 12-14—Oregon Cattlemen’s Assn. Annual
Convention, Prinerville.
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