Almost without exception, cattle feeders who try Cane Molasses continue using it year after year. They consistently report faster gains at lower cost. ★ Economical Cane Molasses practically equals grain in feeding value, and is rich in essential vitamins and minerals. (See laboratory reports in booklet, offered below.) ★ "Feeding for Profit" tells the whole story. It is the most comprehensive booklet on Molasses feeding ever published. Send for your copy today.

Hawaiian Cane Feed MOLASSES

This FREE booklet tells why
BLOODLINES & ENVIRONMENT

A fact and condition that makes a winning combination toward the goal of the Moseley Hereford Ranch breeding program—PERFECTION AND IMPROVEMENT TO THE BEST HEREFORDS POSSIBLE.

Rugged, vigorous and raised at high altitude in Wyoming's famous Jackson Hole Country, our Registered Herd has a background that is rich in breeding quality and production. It bids well to become one of the country's outstanding Hereford Herds.

With exceptional care, we selected the individuals of our foundation for smoothness, depth and sure producing qualities. They come from many famous breeders, including: Fulschers, Taussig Bros., Baca Grant, Grimes, H. S. Bates, DeBerard, Bar 13 and others . . . serviced by carefully chosen outstanding sires from these breeders, we believe we have one of the best small herds in the country now. Added to these are the 1st Prize Winners in the Pen of Heifers under 2 years and Champion Over All, at Ogden last year—four by O. J. R. Royal Domino 10th and one by Royal Domino 12th.

We are proud of our Registered Hereford Herd. We are also proud of the strides we have made so far toward top-breeding and cordially invite you to visit our ranch in the center of this inspiring Jackson Hole Country. We want you to see how our Hereford youngsters grow up. These calves are living examples of HEREDITY and VIGOROUS RUGGEDNESS. They speak for themselves and are proof that the combination of BLOODLINES and ENVIRONMENT can be depended upon to produce better Herefords.
Increased Resistance Against Winter Diseases!

*Hemmorrhagic Septicemia and Pulmonary Edema*

Valuable protection is offered in a combination dose of Franklin Pasteurella Pseudodiphthericum Bacterin. 10c—less in quantity.

**BLACKLEG—Destroyer of Beef Calves**

This deadly infection is almost everywhere. The only safety is to vaccinate. Blackleg losses have been practically eliminated wherever Franklin Concentrated Culture Blackleg Bacterin was used.

10c a dose less discounts.

---

**FRANKLIN Protection**

Solves Many Problems of Livestock Losses!

Every stockman should benefit from the 28 years of FRANKLIN specialized service in scientific animal disease prevention.

Be sure to have at hand the 50-page Franklin catalog covering diseases and parasites of cattle, horses, sheep, hogs and poultry. FREE for the asking.

**O.M. FRANKLIN SERUM COMPANY**

DENVER KANSAS CITY WICHITA AMARILLO FT. WORTH EL PASO MARFA ALLIANCE SALT LAKE CITY LOS ANGELES CALGARY

Local Drug Store Dealers

America's leading brand of animal medicines and supplies

SEND FOR CATALOG
Observations
by the EDITOR
NELSON R. CROW

December 15, 1944

We look back upon the happy days when the approach of the Christmas holiday season meant joyful family reunions, good cheer and relaxation. As we enter the fourth year of a grim and determined America at war, we hope for the victorious conclusion of war and pray that another Christmas season may see our menfolk—many of whom were high school boys a year ago—back home, not so much as the heroes they are, but back home as members of families again united. Three years of war have brought tragedy to many homes and we must steel ourselves against the shocks that are sure to come before final and complete Victory is won.

The inconveniences and hardships that civilians gripe about seem insignificant indeed to those who have received the dreaded messages from the Secretary of War or the Secretary of the Navy which tell of the boys who won’t leave, or of the secretaries of war, that most of us are living in comfort and with little fear that the end of the war will necessarily mean the crashing of prices that marked the days which followed the other war.

Farmers and stockmen can look ahead with confidence that prices generally will remain stable for some time to come. The war hasn’t been won and we need all the food and raw material that men can wrest from the bountiful resources of our land. The government is asking for a continuation of food production on the same scale as the record production of 1944. The request is made upon the considered estimates of requirements for our armed forces, our allies, and the folks at home. Fortunately, Nature has been good to us. Early rains on the Pacific Coast have soaked the soil and have brought forth abundance of green grass to enable the stockman to winter his stock. The war hasn’t been won and we need all the food and raw material that men can wrest from the bountiful resources of our land.

We can be thankful that the lessons of World War I taught us the value of price controls. Despite the chiseling and black marketing that is rampant through the land, the fact remains that prices for the most part have remained quite stable, that most of us are living in comfort and with little fear that the end of the war will necessarily mean the crashing of prices that marked the days which followed the other war.

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Our Cover Page

What with the beautiful and talented Miss Ginger Rogers, motion picture star, and John S. Day’s Hereford herd bull, Prince Dominico Astar 17th, on our cover page this month, we really have enough “glammer” for anyone! The photograph was taken by a photographer for LOOK magazine when Miss Rogers visited her neighbor, John S. Day, at his Blue Moon Ranch near Medford, Ore. We use this splendid photograph through courtesy of LOOK magazine, which recently used several photographs depicting Miss Rogers visiting at John Day’s registered Hereford ranch.
CATTLE GRUBS

Cattle grubs (ox warbles) prevent fattening—reduce milk flow—contaminate beef—damage hides. Don't accept these pests as a necessary evil. Kill them with BERAKO, a rotenone liquid.

Used with great success by many cattle raisers, Berako is easy to mix and apply as a wash or spray. The cost of a few cents per head for treatment is repaid many times over in more milk, beef and leather.

When grubs appear in the backs of your cattle—use Berako! It will also control cattle lice at the same time.

Chipman Chemical Company
DEPT. E.
Palo Alto, Calif.

FOR TOPS in Herefords
attend
Tri-County Hereford Sale
Thurs., Jan. 11
AT DOS PUEBLOS RANCH
GOLETA • CALIF.

Sponsored by
SANTA BARBARA COUNTY REGISTERED HEREFORD ASSN.

Seasons Greetings
and
Best Wishes
for
1945

from the Staff of
Western Livestock Journal

Outstanding Success of the Great Western Livestock Show, held the first week in December at Los Angeles, marked the nineteenth year of service of the show to the western livestock industry. Prices paid for the fat stock to the FFA and 4-H exhibitors were sufficiently high to encourage these youngsters to plan on quality production in the future. Demand for registered Hereford and Angus breeding stock reflects the trend towards quality beef production on the West Coast.

The show was held under the greatest of wartime difficulties, greatest of which was the shortage of labor in the stock yards organization. Stock yards workers put in long extra hours to contribute their share towards the success of the show, and exhibitors did their part by jumping in and helping.

The success of the entire show was the result of understanding cooperation by all concerned, and this, of course, includes the buyers of both fat stock and breeding stock.

Santa Barbara County has long been noted for the large number of good quality registered Hereford herds. On Jan. 11 the breeders of Santa Barbara County will hold their second consignment sale and they have invited the Hereford breeders of the adjoining counties of Ventura and San Luis Obispo to join with them in making the sale an outstanding affair. If you need good Hereford breeding stock, you'll find it worth while to attend the Santa Barbara Hereford sale, which will be held at the Dos Pueblos Ranch, on U. S. Highway 101, just north of Goleta, Calif.

Cash in your old cows, replace them with good quality young heifers. Cash in the old bulls, replace them with the best bulls you can find. There never was a time when a cattleman could better afford to improve the quality and earning power of his ranch.

Last Wednesday Evening I was privileged to sit down and meet with Future Farmers and 4-H Club boys at their annual stock show dinner at Los Angeles. You couldn't help but have greater faith in the future as you realized that these bright, eager, intelligent boys are learning the business of food production earlier and better than did their fathers and grandfathers.

It's too bad that more of these young men can't be given places of responsibility on school boards, in farm bureaus, livestock associations and community groups. There are too many old men and not enough young men running things in this country. Not that the counsel of the older men is not needed, but the old men need the fresh views and enthusiasm of the youngsters.

Golden Opportunity is provided by the present situation in the livestock business to make the greatest strides in improvement of quality and earning power of flocks and herds. The next year should witness further huge marketings of cows and heifers from range herds while our country needs the meat. With present favorable prices and the largest supply of really good purebred bulls and females we have ever had, now is the time to cull out the plainer stock and replace with higher quality, more efficient stock. It will mean the difference between success and failure in the years after the war to have our herds really culled and placed on an efficient basis for quality production.

Even greater quantities of meat. As far as food production, and as far as the financial security of stockmen is concerned, the outlook is more favorable than it seemed a year ago. Many of our shortages have been overcome. The close of the war will find us in strong position financially despite the drain of billions of dollars and huge resources into the waste of war.

When grubs appear in the backs of your cattle—use Berako! It will also control cattle lice at the same time.
“I surmise...what's behind military bulldozer success”

—JOHN V. NEWMAN, Manager
Utt Development Co., Ltd., Oxnard, Calif.

Here's a food-front communique, for the man who's looking for "the tractor" to which he can hitch his ranching future with confidence—reported by John V. Newman, Manager, Utt Development Company, Ltd., Oxnard, California:

"The newspapers are filled these days with reports on exploits in the war of an implement known as the 'bulldozer.' More than likely these Axis-defeating bulldozers are powered by 'Caterpillar' Diesel Tractors. If this surmise is correct, then I can well understand their outstanding success.

"Here on this ranch, we use these same 'Caterpillar' track-type Tractors in the home-front battle to produce more food. They have been equally successful at this sort of work.

"We operate three on our 800 acres of lemons and alfalfa. We have tried, in times past, all makes of tractors, but our records show that no other power farming machinery can be operated with greater dependability or economy. We are very happy with our 'Caterpillar' track-type Tractors.

"P.S. Our D4 operated 4200 hours and our D2 4000 hours without a 'dime' of expense for repairs."

Many thousands of "Caterpillar" Diesel Tractors, Engines and Motor Graders have been supplied to United Nations’ Armed Forces to help power the Victory Push. Many more thousands will be required for replacements and reinforcements. . . . There's evidence aplenty near you that a sturdy "Caterpillar" Diesel Tractor is worth waiting for. . . . As soon as war pressure lifts from "Caterpillar" factories, your wait should be rewarded early!

CATERPILLAR TRACTOR CO., SAN LEANDRO, CALIF.; PEORIA, ILL.

Shown here "torpedo-furrowing" lemon grove is the Diesel D4 behind Mr. Newman’s "communique."

This is the Diesel D2, to which Mr. Newman’s postscript refers, spring-toothing citrus grove.
What Helps Agriculture Helps All of Us!

This page is printed here as a service to all farmers and ranchers of America. Together with you producers, we have a big job to do in the business of feeding this nation of ours well.

A short time ago I was talking about improved methods with a farmer. He said, "The way I look at it is this—what helps agriculture helps all of us."

That is it in a nutshell. What helps agriculture does help all of us—producer, meat packer and processor, retailer and consumer. So the purpose of this page is to tell in a few words and many pictures about all manner of things that do help agriculture. We hope that by searching out news items, telling of new trends, big or little, reviewing findings of agricultural experiment stations, by recounting the experiences of successful individuals, and in many other ways, we can render a worthwhile service to all who produce our nation's food.

The Editor will be F. M. Simpson, who is already well known to many of you as Manager of our Agricultural Research Department. He will welcome your suggestions and original ideas. Mr. Simpson is the Editor—but it is your page. Please help us make it a useful one.

A Merry Christmas to you all!

---

Martha Logan's BEEF POT ROAST

A beef chuck, rump or round, provides the roast, accompanied by browned onions and carrots. Roll the beef well in flour, then brown in hot fat in a heavy kettle. Heat water, cover tightly and cook slowly for two hours. Add peeled potatoes, onions and carrots, and cook for one hour.

---

Ex-Farm Boy Knocks 'Em Dead...

Maybe you've heard the epic story of 'Zeke' Givan. 'Zeke' was a farm boy from Dearborn County, Indiana—until he enlisted in the Marines. His first big show was at Kwajalein. The Japs started to rush him, and 'Zeke' started to shoot. When the shooting stopped, those present were 'Zeke,' one red-hot Browning Automatic Rifle, and 35 dead Japs. "Zeke" says modestly, "I did nothing except my duty." Later he was wounded at Saipan. We'll say that like many thousands of other farm boys, in and out of the Service, he is doing his duty extra special well.

---

Canvas Coats for Sheep Pay Off

Range lambs grazing in mountains and valleys, fashionably dressed in ducky little white duck coats sounds more like a pipe dream than a practical possibility for sheep growers. However, in an experiment at the University of Wyoming, coats of 15-ounce canvas were tailored to fit half a flock of 684 range sheep. The fleeces were carefully compared at shearing time and the "coats" proved their worth in a big way... more clean wool per fleece; 6.8 per cent less shrinkage; 13.5 per cent less dirt content; and the staple was a full half-inch longer than on the sheep that wore no coats.

This adds up to extra wool profit no matter how you look at it. In addition, the coats protect the sheep from cold weather, wet, sand, dirt, burrs, stickers, and reduce death losses and feed consumption. Wool from the coat-wearing sheep compared favorably with the best white Australian wool.

For further information write R. H. Burns, University of Wyoming, Laramie, Wyo.
Nutrition Is Our Business—and Yours!

"Right eating adds life to your years, and years to your life."

These six Americans are united in the job of seeing that 132,000,000 fellow Americans get enough of the right kinds of food to eat. The rancher, farmer, meat packer, retailer, housewife and scientist, each has a part in the preparation and distribution of meats and other foods.

Feeders of livestock know that diet has a lot to do with the health of their animals. It is the same with human beings. There is a great deal of research being conducted at the present time in our universities to find out more about the relationship between diet and human health, and Swift & Company gives many grants to aid this kind of research.

Not so many years ago a lot of people said meat was hard to digest; that children should never be given pork, etc. Nutritionists have proved that pork is one of the most digestible of all meats, rich in vitamin B1. These and many other basic truths about meats and other foods have been established by the work of nutritionists.

Does lots of wool on the face and legs of a sheep and a wrinkled skin help to make a more valuable fleece? No, says the U.S. D.A. Sheep with wool over their eyes produce fleeces of lighter weight and less value than open-faced sheep.

SOFT CORN FATTENS LIVESTOCK

by I. B. Johnson, Director
Agricultural Experiment Station,
South Dakota State College

If you are caught with "soft" corn, due to a sudden freeze before your corn matures—remember you still have feed. It makes a good fattening feed for steers, calves, feeder pigs and lambs.

These were the conclusions of the South Dakota Experiment Station, based upon the first year's feeding trials, wherein cattle, hogs and lambs fed soft corn were compared with others fed sound corn of No. 3 market-grade. The soft corn was bought at 50 cents a hundredweight—the No. 3 corn at 75 cents a bushel.

No preparation was given to this soft corn. It was stored in uncovered piles on the ground, and fed field run—soft, moldy, rotten, husk-covered ears just as they came.

Yearling steers were fed for 150 days, calves 195 days, pigs from 87 to 118 days, lambs 90 days.

In ALL cases the return was greater from the lots receiving the soft corn, due to the price at which the corn was purchased.

The gains of both cattle and pigs on soft corn, compared to those on hard corn, were reduced after the beginning of warmer weather in April. It is advisable to feed your soft corn early.

In figures, the soft corn had the following approximate values when compared with the price of No. 3 ear corn in the rations fed:

- 84% when fed to yearling steers
- 80% when fed to steer calves
- 76% when fed to feeder pigs
- 72% when fed to feeder lambs

If you want additional information, write the Animal Husbandry Department, South Dakota State College, Brookings, South Dakota.

(The views expressed in the above article are those of the author.)

December 15, 1944

Swift & Company, CHICAGO 9, ILLINOIS
250 selected Range and Top Herd Bulls

86 Choice Females

RED BLUFF HEREFORD SALE

FEBRUARY 8, 9, 10, 1945

Sponsored by Tehama County Cattlemen's Association

CONSIGNORS

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<tr>
<th>BULLS</th>
<th>FEMALES</th>
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<td>FLOYD BIDWELL, Cassell, Calif.</td>
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<td>MYRTLE P. CAMERON, Fort Bragg, Calif.</td>
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<td>HIRB CHANDLER, Baker, Ore.</td>
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<td>J. LEROY CHASE, Springfield, Ore.</td>
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<td>WALLER DILE, Red Bluff, Calif.</td>
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<td>CIRCLE M RANCH, Fresno, Calif.</td>
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<td>KENNETH H. EASTER, Dos Palos, Calif.</td>
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<td>FISHER'S HEREFORD RANCH, Warre, Ore.</td>
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<td>J. P. GROSS, Laytonson, Calif.</td>
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<td>DANNELL T. HILL, Caddex, Calif.</td>
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<td>JOHN T. HILL, Drummond, Mont.</td>
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<td>WAYNE R. HILL, Drummond, Mont.</td>
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<td>L. J. HORTON, Klamath Falls, Ore.</td>
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<td>A. B. HOY, Weed, Calif.</td>
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<td>MAXINE LIKEY, Klamath Falls, Ore.</td>
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<td>J. L. JACOBS &amp; SONS, Medford, Ore.</td>
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<td>HENRY JAEGER, Condon, Ore.</td>
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<td>CURTICE H. MARTIN, Portland, Ore.</td>
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<td>JOHN R. McCARTHY, McAlpine, Calif.</td>
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<td>ALBERT MICHIGNON, Halsey, Ore.</td>
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<td>RUPERT MILLER, Halfway, Ore.</td>
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<td>FLOYD C. NIER, Taylorsville, Calif.</td>
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<td>JOHN C. NIER, Altona, Calif.</td>
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<td>POLLOCK HEREFORD RANCH, Sacramento, Calif.</td>
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<td>T. H. RICHARDS, Soursato, Calif.</td>
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<tr>
<td>ANDREW L. SCOTT III, Red Bluff, Calif.</td>
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<td>W. A. BURLINGTON, Klamath Falls, Ore.</td>
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<td>SMITH &amp; FREEMAN, Montevideo, Wash.</td>
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<td>E. C. WELCH, Durango, Calif.</td>
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<td>WINTERTON BROTHERS, Klamath Falls, Ore.</td>
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<td>WILSON &amp; CROWN, Millville, Utah.</td>
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<td>PETERSON BROTHERS, Ogden, Utah.</td>
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<td>FRANK CROWF, Cassell, Calif.</td>
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<td>FRANK T. TURNER, Sonora, Calif.</td>
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<td>FLOUNCE ROCK RANCH, Prospect, Ore.</td>
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<td>STARRS CATTLE CO., Pecosville, Ore.</td>
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The Cowman’s Sale
Sponsored by Commercial Cattlemen as an Aid in Improving the Beef Cattle Industry in Superior California

Please Note:
At no other sale in the West will buyers have the same wide choice of consignments to choose from.
Neither will they find more quality at any other event, as our committee is insisting on only tops being brought to Red Bluff.
Every individual consignment must pass the rigid inspection of our sifting committee before being eligible to go through the sale ring.

Note Also:
The large number of females, all from outstanding consignors to be sold on February 9th.

For Information, Write: HEREFORD SALE COMMITTEE
P.O. BOX 391, RED BLUFF, CALIFORNIA

Tehama Cattlemen’s Sale Committee

ROY OWENS
SIDNEY WATSON
CHAS. STOVER, Chairman
J. T. MCKERRAS
CHAS. LUTHER
EACH DAY
LOS ANGELES PACKERS NEED:
2000 Cattle
500 Calves
3500 Hogs
3500 Sheep

EVERYONE knows that Uncle Sam is not inclined to countenance any irregular or unfair dealings. On the open Central livestock market each and every transaction is subject to government supervision and control. All scales must be rigidly inspected at regular intervals. Every animal is officially inspected for disease. Yards must be kept clean and sanitary.

Your commission firm must be adequately bonded for your protection. Your net returns are thus fully safeguarded.

Regardless of the size of your shipment you will find it to your advantage to sell your livestock on a public market like the Los Angeles Union Stock Yards.

You'll enjoy the prompt and efficient service afforded and the many public market features which combine to help you secure full market values for your livestock.
Say, this "1945 FEEDING PRACTICES" on LIVESTOCK FEEDING and SOIL BUILDING is JUST WHAT I NEED!

Production, today, and Better Land Use to insure production for the future are the big jobs before American farmers and ranchmen. It's a big job, but a job that can be done—and is being done—through practical, proven methods.

GET YOUR COPY

Your new "1945 Feeding Practices" gives tested, practical information for using available feeds efficiently and economically—PLUS practical facts on better use and conservation of America's greatest resource—the soil.

Order Your Free Copy Today

FEED PROTEIN WISELY
We wish to use this medium to express our appreciation to you buyers of our cattle at the second annual La Grande Hereford Sale, Nov. 14, 1944:

J. G. MANNING, McMinnville, Oregon
ROY DUFF & SON, Adams, Oregon
CARL LOGAN, Walla Walla, Washington
FRED TRENKLE, Ontario, Oregon
HARRY JACOBS, Baker, Oregon

Our 5 bulls consigned and sold at the La Grande Sale averaged $945.00 each.

Our Sale Records . . .

Spokane, 1943—12 head averaged . . . . . . . . . . . . . . . $ 737.00
Home Sale, 1943—(Private) 11 head averaged . . . 1136.00
Klamath Falls Sale, 1943—5 head averaged . . . . . . 1670.00
Home Sale, Auction, 1944—48 head averaged . . . . . 956.00
La Grande Sale, 1944—5 head averaged . . . . . . . . 945.00
During 1943-1944, 81 head averaged. . . . . . . . . . . . . . . . . $991.40

PROOF THAT SMITH & FREEMAN HEREFORDS are the right type and quality that the progressive Breeders of today are demanding.

AT HOME
We have some top females from which we will let you pick a Foundation herd.

OSCAR SMITH
L. K. "BILL" FREEMAN
OWNERS
MONTESANO, WASHINGTON
Your 1½ Ton Truck can Pull more

... 6 to 9 tons, as a Semi-Trailer
A typical 1½ or 2-ton truck converted to a Semi-Trailer can pull 6 to 9 tons... that is two to three times more than the same truck alone carried.

... 9 to 12 tons, as a Truck-and-Trailer
By simply adding a four-wheel Trailer to the present truck you may increase its hauling capacity from 2 to 4 times.

For Hauling Livestock, Feed and Machinery

Truck-Trailers provide the ideal method of hauling livestock and feed. With your truck used as a mechanical horse... to pull a Trailer... you make one trip do the work of several.

Remember too that it's much easier to get a Trailer than another truck... because a Trailer requires far less critical material. Furthermore, it will cost you much less to maintain and operate a Trailer. Your Fruehauf Branch will gladly assist you in applying for a Certificate of Transfer.

World's Largest Builders of Truck Trailers
FRUEHAUF TRAILER COMPANY
Western Manufacturing Plant—Los Angeles
Los Angeles • Sales and Service Branches • San Francisco
Fresno • Phoenix • Seattle • San Diego • Portland • Denver • Salt Lake City

"Engineered Transportation" SEG. R. & R. PAY OFF.
FRUEHAUF TRAILERS
TRUCK-TRAILER TRANSPORT IS DOING AN ESSENTIAL JOB FOR ALL AMERICA

December 15, 1944
National Western Hereford Sale...

Tuesday & Wednesday JANUARY 16-17, 1945

At Lamont Sales Pavillion...Denver Union Stock Yards

DENVER, COLO.

QUALITY is always paramount in the Denver Sale!

DON'T MISS

THIS SALE IF YOU NEED BULLS OR FEMALES OF OUTSTANDING INDIVIDUALITY AND QUALITY

Catalogs mailed on request only

AMERICAN HEREFORD ASSOCIATION

300 W. 11th St. Kansas City 6, Mo.

HEREFORDS did it again in Chicago in 1944

Grand Champion Steer!

Grand Champion Carload Fat Cattle!
Arizona Hereford Show and Quarter Horse Events

90 Registered HEREFORDS

Consigned by Arizona Breeders PLUS several sale entries from out-of-state Hereford exhibitors

Program of Events

TUCSON LIVESTOCK SHOW

Thursday, Feb. 1
Hereford Cattle Judging by Prof. A. E. Darlow, Oklahoma A. & M. College, Stillwater.

Friday, Feb. 2
Judging of Quarter Horses.

Saturday, Feb. 3
Judging Champions in Hereford Show in morning, followed by Hereford Sale. A. W. Thompson, Lincoln, Neb., Auctioneer.

Sunday, Feb. 4
World’s Championship Quarter Horse Races at Motocqua Track.

Under management Southern Arizona Horse Breeders Assn. M. H. Haskell, Sec., Tucson.

NOTE: WE URGE THAT YOU MAKE YOUR HOTEL RESERVATIONS EARLY

Members of the Arizona Hereford Association are proud indeed of this offering which reflects the progress being made in breeding better registered Herefords. Included in the sale offering from Arizona breeders will be:

16 Herd Bull Prospects
Representing halter bulls selected by the sifting committee as being good enough to improve the average registered Hereford herd.

15 Individual Females
Including bred and open heifers of unusual merit. Each entry has been inspected at the ranch by the sifting committee and has been passed upon as of sufficient merit to materially improve the foundation of the better registered Hereford herds.

13 Pens of Bull Calves
Inasmuch as the annual Hereford sale and the program of each breeder is to produce bulls of such merit as to improve Arizona beef production, these pens of Junior and Senior Bull calves will appeal to range operators. Many of the bulls in these pens are of genuine herd bull possibilities but are offered in pens to commercial cattlemen. There will also be a number of service age bulls offered in groups.

Come to TUCSON -- February 1, 2, 3 and 4
RENO
NEVADA

February 23, 1945

Nevada Hereford Assn. Annual Sale

Sale starts at 10 a.m.

150 Females — 15 Herd Bull Prospects

The offering will be made by most of the well known Hereford breeders of Nevada with some added entries from breeders of the nearby states. A complete list of consignors will be published in the January issue. Every animal is a "guaranteed breeder." This will be the first annual sale of the Nevada Hereford Association. Following are the officers of the Association:

H. H. CAZIER, President, Wells, Nevada.
JAMES E. STEAD, Vice President, Sparks, Nevada.
F. W. WILSON, Secretary-Treasurer, University of Nevada, Reno.

Board of Directors: FRED DRESSLER, Gardnerville; EDWARD FRIENDLY, Deeth; GEORGE LEONARD, Franktown; ALBERT NICHOLS, Reno; LOUIS PETERSON, Deeth.

Sales Committee: James E. Stead, Fred Dressler and George Leonard.

BOB TEALE, Bollinger Hotel, Lewiston, Idaho, Sale Manager.
EARL O. WALTER, Filer, Idaho, Auctioneer.

Write for your hotel reservation as early as possible.
Address your favorite hotel or GEORGE LEONARD, Franktown, via Carson City, Nev.

Sale Headquarters: Golden Hotel, Reno, Nev.
We wish to thank all the folks who were so kind in their comments about our cattle at the Great Western Show at Los Angeles. Particularly those who tried to purchase our cattle and especially the following who have honored us by their purchases:

**Em. H. Mettler & Sons, Shafter, Calif.**
Pen of 5 yearling heifers at ........................................ $10,000

**Erwin Burns of Nevada**
Pen of 5 heifer calves at ........................................ 3,500
1 bull at ......................................................... 1,500
1 heifer calf at .................................................. 500

**Clifton B. Robertson of California**
3 bulls at .......................................................... 2,700

**Jess Chance, Bishop, California**
1 bull at ............................................................. 1,200

**Thomas E. Leavy, Pala Rey Ranch, Bonsall, Calif.**
1 bull at ............................................................. 1,200

**Our results at the Great Western at Los Angeles**
—Top selling pen of bulls of the show averaging $1100.
—Second top selling pen of heifers, establishing also an all-time second high for pen of 5 heifers at auction.
—Heifer calf pen equalled the all-time record for pen of calves, breaking the record held by us on our pen of heifer calves sold at the 1943 Great Western to Don Smith.

**AT RED BLUFF ——**

We will have a top pen of bulls at Red Bluff on Feb. 8, 9 and 10, sired by our Beau Domino 20th, sire of four of our pen at Los Angeles. We believe they merit your consideration.
We wish to express our grateful appreciation to the people who made our unprecedented winnings at the Great Western Livestock Show possible.

- to Bob Lazear, breeder of our WHR Double Princeps, sire of the champion Bull.
- to the Taussig Brothers, breeders of our Anxiety Mixer, sire of the Reserve Champion Bull.
- to Sox Hendry, our Herdsman and Manager, who did such an excellent job of selecting, feeding, and fitting our show calves.
- to Bill Ross, whose honest and competent judging of the biggest and strongest Los Angeles Show in history was admired by all.

With a show string of two junior yearlings and eight calves, all but one sired by WHR Double Princeps and Anxiety Mixer, we won the following honors:

CHAMPION BULL
RESERVE CHAMPION BULL
1ST AND 2ND GROUP OF 2 BULLS
2ND JUNIOR YEARLING HEIFER
1ST AND 2ND GET OF SIRE
2ND SENIOR HEIFER CALF
1ST JUNIOR YEARLING BULL
2ND JUNIOR HEIFER CALF
1ST SUMMER YEARLING BULL
1ST PAIR OF FEMALES
1ST, 4TH AND 6TH SENIOR BULL CALF
1ST PAIR OF YEARLINGS
2ND JUNIOR BULL CALF
1ST AND 5TH PAIR OF CALVES
1ST AND 2ND GROUP OF 3 BULLS
RESERVE CHAMPION PEN OF 3 BULLS

WALTER and ALICE HOLLAND, Owners
Livestock Markets

By PURL. MANIFOLD

Farmers advancing prices in cattle in the face of liberal supplies; a keen edged demand for replacement stock on the heels of good rains over Southern California; now one day and one week records established in cattle marketings at the Los Angeles Union Stock Yards; minor weakness in hogs and little change in sheep and lambs were features of the November livestock situation.

While the month's movement of cattle to market was liberal, it did not assume the record breaking volume noted in October for the country as a whole but results were in excess of demand and, part of corresponding month a year ago and, For the Los Angeles yards on Monday, Nov. 16, another all-time record of 14,189 cattle was ending Nov. 16, 1935. However, the increase was not large enough to relieve the acute shortage of pork in relationship to demand for the month's outlook issue forecasts a drop of 2,000,000 lbs. in meat production for 1945, principally in pork, compared with the 1944 output. Domestic demand for meat is expected to be about equal to or slightly above that of a year ago.

Because of the record heavy slaughter of cattle and calves in 1944, it is probable that cattle population on Jan. 1, 1945, will show some decrease from the all-time peak reached a year earlier, but those who profess to read the signs are probably not as strong as in 1944. Any decrease in demand for meat in 1945, incident to a possible ending of the European phase of the war, the bureau report says, probably will be offset by increase in supplies with prices likely to hold close to ceiling levels.

While the number of cattle to be fed out in 1945 may be slightly larger than that in 1944, due to a generally more favorable feeding situation, there is a strong probability that most of these cattle will go the short-fed route and thus yield a smaller quantity of beef per unit than usual, at least during the early months of the new year.

Certainly the present outlook does not favor the production of many long-fed, highly finished beeves in view of the relationship of grain and fat cattle prices under government control.

Cattle and Calves

The cattle market continued to display a very good tone during the past month's demand being of sufficient breadth to absorb the heavy supplies offered at prices for the most part very satisfactory to selling interests. Values on practically all classes were well maintained at levels fully as high as in closing days of October. Steers closed fully 25c higher. She stock advanced 50c to 75c or more, while sharply increased demands for stockers and feeders elevated the price basis on such stock 50c to $1 over the previous month.

At Los Angeles the month's liberal run on the heels of good rains over again carried proportionate showings of cows and heifers. Many of these were from the range districts and represented, to some extent at least, cutting out of feeding herds. Slaughter steers were marketed in only moderate numbers, with only a small percentage of the crop grading good or better.

Top Steers Bring $77

With nothing outstanding in the grain fed line on offer, the November top stood $15 to $17, a good deal of feed in the government hold to be fed, highly finished beeves in view of the month's bull business was the grand champion Aberdeen-Angus steer at the Ogden Livestock Show last month. Standing nearby are W. R. Anderson and Lee Glonne, owners of Ogden's California Free Market, who paid the record price of $1.55 per lb. for the steer, highest price ever bid at the Ogden show.

The bureau of agricultural economics, U. S. Department of Agriculture, indicate a moderate increase in the number of cattle to be fed in the principal feeding areas. The number to be fed in the eight Pacific Coast states is estimated to be about equal to or slightly above that of a year ago.

The latest estimates of the bureau of agricultural economics, U. S. Department of Agriculture, indicate a moderate increase in the number of cattle to be fed in the principal feeding areas. The number to be fed in the eight Pacific Coast states is estimated to be about equal to or slightly above that of a year ago.

The volume of trading in stocker and feeder cattle at the Los Angeles yards was by far the largest of the season and probably the largest in the history of the market. Yearlings and 2-year-old steers had

December 15, 1944

(Continued on page 81)
promised in a recent article to tell you more about the letter, occasioned by my book, which I received from P. S. Bonebrake. Mr. Bonebrake furnishes a fresh instance. If such were not the case, how well some of these cowmen can write when they have a mind to. It must be understood that Bonebrake left a voluminous and the opportunity for an elaborate education to take up the life of the range. The chief interest of his letter for me—outside of the comment on my book—is the description it contains of the old WS ranch on the San Francisco river in southwest New Mexico. He gives its reason for its British owners leaving this part of the country, and abandoning their ranch there as they did, that they were literally run out by cattle thieves. The outfit had become a prey to maverickers and eventually to outlaws and miscreants of every description. "All the boys that dragged a long loop," to quote Bonebrake's graphic language, "came up and settled on the homesteads of the range, and really went to work." It is true—that not to the credit of the West—that the usual ineffectiveness of British owners was in this, and other fields, always freely taken advantage of. But the Britisher was not the only sufferer; or ineffectiveness the only requirement. It was an art the cowboys of the British West had to have. As most of the Britishers of this country born lived in England, and as practised a cowman as the West has any record of (Haley quotes Charlie Goodnight as saying of him: "He was a great trail man ... and that every boy could count three grades of cattle at once, and count them accurately, even if they were gone in a trot") was the most conspicuous victim of this attitude. And if half the stories one heard around the roundup wagon were true, Senator Dorsey, who owned the Triangle Dot outfit on the Mogollones and the Burros, could have made a reasonable deal on the count. But the accounts of these affairs, often repeated, doubled became in the end considerably exaggerated. Bonebrake's evidence, however, is valuable, for he was an experienced cowman and knew the country thoroughly. Listen to him on the latter point: "I have lived in the Black Range," he says, "the Mogollones and the Burros, and know the Gila from its source to its mouth, the Frisco and the Blue. I know every spring and waterhole in that country, and many of the places and people Culley mentions are familiar to me." His vivid words take a fellow back to old days and in imagination he is riding once more the ranges, through the canyons and swimming the wild creeks in flood times, of the Western range country.

The WS ranch was originally founded by Tony Mitchell and C. W. B. Cook, who moved there from the Round Valley, Springerville, just across the Arizona border, in 1876 to establish a new range for their own stock. It was situated not far from their old homestead, little above Alma. In 1882 they sold their interests to two young Britishers just graduated from Cambridge University, England—Harold J. Wilson, a native of St. Andrews, Scotland, and Montague Stevens, born in India, son of a British Army general. Wilson's father was a millionnaire and his son easily able to carry the WS outfit alone; so after a number of years he bought out his partner. Stevens thereafter bought the SU ranch which also had been founded by the settlers from the Round Valley, about 30 miles away, taking as his partner another college chum by name of Upecher.

Being totally inexperienced, the Brit­ishers at the start appointed as manager of the WS ranch James H. Cook, better known as Captain Cook, a noted Indian scout and big-game hunter. After some years Cook got married and gave up his position to seek a life better suited for raising a family, and a young Britisher, William French, generally known as Captain French, was appointed by Wilson to take charge of the ranch, which he continued to do till his death many years after. French came of a fine Anglo­Irish family of soldiers, one of whom was Viscount French, Commander-in-Chief of the British Army in the early stages of World War I.

The newcomers seem to have bought out a number of cattle owners and it wasn't long before the WS outfit became a large one. At the time they started, each cattle owner in this part of the country looked after his own cattle, keeping them on his own range. Shortly afterwards, however, the round-up range system, already in practice farther north, was established in southwestern New Mexico, enabling cattle to be turned loose on the range. French hired Frank Winn, so widely known throughout the Southwest as a U.S. Forest Officer, who knew the WS country long before he entered on a forest career, writes me: "Those were the days of the open range, in New Mexico Territory and the WS cattle were scattered from hell to breakfast—over in Arizona and on the Blue, up the Frisco as far as Luna." Fred knew French and his associates and has many a good tale to tell of cheerful gatherings on the old WS ranch. French he says: He was a fine and gallant gentleman. They were, in fact, a sporting lot, these younger sons of the British aristocracy, out for a life of adventure and danger. At the period we are writing about Geronimo and his Apaches were loose and on the rampage. French and a few others of his companions, among whom was Montague Stevens, volunteered to go out on scouts with the U.S. Cavalry. One young Englishman named Lyons staying on the SU ranch was ambushed by the Indians and killed. On the WS ranch are the graves of several troopers of the 6th Cavalry killed in an Apache ambush in this war.

Handy men on a horse, too, these Brit­ishers, raised as most of them were to the saddle. Stevens can tell of many a hard ride on his single-footing mule, Gyp. And French relates in his Recollections of a Western Ranchman how he beat the mail coach from Silver City to Alma, 80 miles, on his gray saddle horse Rattler; the coach changing horses several times and he riding straight through on Rattler. Rattler was stolen from the WS Colfax County outfit by Tom and Sam Ketchum through an act of treachery French never forgave. They rode him up to Wyoming and sold him in the famous Hole-in-the-Wall country in that state. Later, French's foreman, Louie Lloyd, a man of powerful physique, used to say that any man who could ride with him for two weeks could get a job with the WS outfit.

Stevens was to become known as one of our most noted Western big-game hunters and is just out with a book, Meet Mr. Grizzly, which has been beautifully produced by the New Mexico University Press, Albuquerque, N. M., (by whose permission the accompanying portrait of Stevens is used) and which is full of in-

(Continued on Page 85)

CAPTAIN JAMES H. COOK
Famous Indian scout and big-game hunter, and first manager of the WS ranch. Of him Montague Stevens, himself a great hunter, says: "I used to call him 'the Grizzly' and taught me to shoot." This picture is taken from Cook's well-known book, "50 Years of Frontier Life," by permission of his son, Harold J. Cook of Apache, N. M., who was named for Harold J. Wilson, owner of the WS ranch.
All Previous Records Eclipsed at Nineteenth Annual

The Great Western Hereford Show

The Great Western Hereford audience, assembled to follow the placings in the Whiteface arena Dec. 5 at Los Angeles, as always, drew from a field almost as broad as human activity itself, notables from most walks of life. On this occasion it was especially honored by having one of its own fraternity from across the seas — Elwyn Jones, a breeder from Herefordshire, first home of this great breed. His presence was reason enough for reflection upon such themes as how deep is the debt which our beef industry owes to the creators of the breed in England, how far the breed has gone, how the most dominant force in all breed history, Anxiety 4th, landed on American shores, and how far, too, these red and white cattle have gone in adapting themselves to any section wherever grass grows.

All that is history. Turning to contemporary matters, the importance of the Los Angeles show as a point of contact between the breeders of purebreds and the users of that blood in their commercial operations, calls for expert adjudication, since education is the prime purpose for which shows are held. What is more, the extreme excellence of the entries, representing the achievements of many breeding programs, demands the work of a discerning eye. That service was faultlessly performed by Will Ross of Steamboat, Colo., who came over from the Doddie camp to render decisions affecting the destiny of the breed on the Coast Country without any bias whatsoever.

The silent arguments which animal after animal presented left the audience thrilled at man’s handiwork when his efforts are properly correlated with the laws of Nature. It was indeed a great show, in which many contemporary breeders and those in past generations of cattle improvers played important roles. But it was a rare day for one of their number — Walter Holland of Rancho Sacatal, to whose entries fell both the bull championships followed by every first in the group classes.

This honor is all the greater in the minds of those who followed the judging and could visualize the mass of excellence which made up the contrasting forces.

With all these honors tucked away in the Rancho Sacatal show box, other top honors went to DeBerard & Reagor with a daughter of Real Domino 4 Square, going into the championship as a summer earling, with the reserve pinned upon the bulky frame of a daughter of Mark (Continued on Page 62)

Dick McDougal, J. H. Clubber, Birds Landing, Calif., and his Junior Division Cross-bred steer, sold at $2.35 per 100. to Swift & Company.

December 15, 1944
Is there a future for LIVESTOCK in ALASKA?

By I. M. C. ANDERSON

PART III.

The Kenai Peninsula is one district in the Territory where livestock have been maintained continually since the Russian occupation. Lack of transportation has been the principal handicap in the development of this section. Cook Inlet is usually ice blocked from November to April. During these months, the only means of transportation is by dog team or airplane. The district of Homer, at the extreme southwestern point of the peninsula, has supported a small farming population for a number of years. Men who have located at Homer with intentions of following the farming game, especially livestock, have usually turned to fishing for an income. If they raised livestock, they had no market other than what was needed at home or Seldovia, the port across Kachemak Bay. Kachemak Bay is open during the winter months and sea going vessels can land at a small dock at the end of a spit near Homer. These farmers have maintained cattle mostly for dairy purposes for many years.

One herd of beef cattle has survived at the head of Kachemak Bay over a period of 20 years. The number in this herd has been limited to the amount of winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment. Here again the tide flats produce a large part of the winter feed that could be provided by one man working alone with very crude equipment.

So far, the Homer community is the only place where winter wheat has been grown successfully in Alaska. When the native grass is depleted by constant harvest, clover and timothy are seeded and seem to do well.

The southern end of the north branch of the Kenai Peninsula is mostly rolling hills with good drainage toward the south and southwest. These hills are covered with an excellent growth of grass between groves of spruce with the grass cover predominating, although there is enough timber in this area for domestic purposes. The winter feeding period in this area varies from five to eight months. Sometimes heavy snows may occur in February and March which extends the feeding period well into April. Hay and grain harvest here is similar to that in the Matanuska Valley. The precipitation on the peninsula ranges from 15 to 20 inches annually.

Islands to the South and Southwest

Several of the islands such as Kodiak, Sitkalidak, Unmak, Unimak, some of the Shumagin Islands, and Chirikof Island have been populated with cattle since the Russian occupation. When the Experiment Station was established at Kodiak, it was discovered that there had been cattle in considerable numbers maintained there by the early Russians. Other islands have had only a few in various villages. The lack of transportation and market has kept these numbers from increasing. After the Experiment Station was established at Kodiak the islands were not so neglected and cattle have been increased.

(Continued on page 79)
Santa Barbara County
Hereford Breeders

Invite you to attend the...

Tri-County Hereford Sale
at Dos Pueblos Ranch, GOLETA

THURSDAY, JAN. 11

By invitation, Hereford breeders of San Luis Obispo and Ventura Counties are cooperating with members of the Santa Barbara County Registered Hereford Breeders Association in offering...

76 Bulls – 33 Females

The resources of the breeders listed on this page have been combined to make this one of the most attractive sale offerings ever presented in this famous beef producing area.

There will be choice herd bull prospects, attractive foundation females, including bred and open heifers, and a few cows with calves at side—good enough to improve the better registered Hereford herds.

Many of the bulls will be offered in uniform groups to appeal to range bull buyers. Good, thick, well grown out bulls that will increase the weight of your calf crop and improve the quality.

Come to Santa Barbara County for real values on Sale Day. The sale will start promptly at 11 a.m.

NOTE: A sifting committee has visited each herd and has passed upon each animal. No bulls are entered that are less than 10 months old nor more than 3 years old; no females over 8 years of age.

FREDDIE CHANDLER, Auctioneer
Assisted by press representatives

For your catalog, address: J. A. PARMA, Secretary, P. O. Box 806, Santa Barbara, Calif.

Santa Barbara County
Registered Hereford Breeders Association

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Steers & Feeders at the Great Western

One of the best fat cattle shows ever seen at the Great Western Live-stock Show—that's what judges and stock show fans both agreed at the conclusion of the 19th annual show at the Los Angeles Union Stock Yards.

Top of the show was a Grand Champion steer which brought glory to one of the most consistent exhibitors throughout the history of the Great Western, then sold on the last day of the show at the all-time record price on the West Coast of $4.25 per lb. The steer yielded 71%.

The steer was a 1,010-lb. Shorthorn shown by William Marxmiller, former Santa Barbara high school boy and now Sophomore at Cal Poly, the outstanding agricultural school at San Luis Obispo, Calif. The champion was sired by Killmore, imported from Canada by E. B. Rube, Supt. of Kern County, Calif., the outstanding herdman in California, and went on to win championship over all 4-H entries. Next he went up against the winner of the FFA division, a splendidly fitted Angus from the Ed. Biaggini herd of Cuyucos, Calif., which had been fed and shown by Robert Smith of Kern County Union High School. The crossbred won this decision and went on to meet defeat only in the final round when the grand champion was chosen.

Young McDougal is the son of H. A. McDougal, well known in cattle circles throughout the West and formerly for many years head buyer on the Los Angeles market for Swift & Co. Both the boy and his Dad were grinning broadly when the steer went through the sales ring to bring $2.25 per lb., bought on a Swift & Co. bid.

The final round saw four entries competing for the grand championship. Besides the Marxmiller Shorthorn and the McDougal crossbred, there was the Hereford open division champion shown by Herb Walkup, also of Cal Poly, and the open division Angus champion, shown by Columbia Ranch of Blanca, Colo. Reserve championship fell to the Angus, which was reserved by the ranch to go on to the Denver show.

Herb Walkup's Hereford champion brought 86 cents per lb., selling to the 5th Ave. Market of Los Angeles through the bid of Coast Packing Co. Bob Smith's FFA champion Angus was purchased for 62 cents per lb. by Cubahy Packing Co. What was perhaps the top Hereford of the 4-H classes, a 1,210-lb. steer which Johnny Dennis of Duco had selected from the herd of his father, Wilbur Dennis, sold at 31 cents per lb. to Armour & Co.

Carlots sold equally well. The grand champion carload of steers, A-Bar-A Hereford calves from Encampment, Wyo., fed by Howard Vaughn of Dixon, Calif., went to Atlas Packing Co. at 29 1/2 cents per lb. The load averaged 1,070 lbs. per head. Reserve champion carload of Herefords, sold by Robert Wilson of Cal Poly, went at 24 1/2 cents to Coast Packing Co. Howard Vaughn's first price carload of Angus, Oxbow Ranch calves from Prairie City, Ore., brought 21 1/2 cents from the Bright Spot restaurant of Glen
dale, Calif. The first prize pen of Shorthorns, shown by Eugene Whitney of Cal Poly, sold at 23 cents to the Southern Pacific Railroad dining car service.

Many of the famed hotels and eating houses of Los Angeles and Hollywood will be serving choice steer meat from the Great Western in the next few weeks. Markets, catering services and wholesale meat dealers were also prominent in the buying lists, as were many of the pack-
Mr. and Mrs. Rex B. Clark

Announce Their Purchase of

RANCHO PIOCHA

and the Entire Herd of Registered

POLLED HEREFORDS

LOCATED IN SANTA BARBARA COUNTY’S

FAMOUS SANTA YNEZ VALLEY

In acquiring Rancho Piocha and the herd of registered Polled Hereford cattle, we are
carrying on the splendid breed promotion so ably inaugurated
by the late Col. Lucius B. Manning.

Our battery of herd sires is headed by the famous $20,000

ADVANCED DOMINO 30th

We believe the present herd is of unusual excellence and represents the results of the
improvement program which has been carried on for the past four years.

Visitors are cordially invited to visit the ranch and inspect the herd. We especially invite
attention to a number of attractive bulls and females now offered for sale.

We have appointed EARL RYAN manager.

See Our Advertisement on Page 38

For information, address the owners:

Mr. and Mrs. Rex B. Clark

Rancho Piocha, Santa Ynez., Calif.

December 15, 1944
Feeder Cattle Show

Climaxing what many described as the outstanding show of feeder cattle ever seen at the Great Western, the sale of feeder calves on the final day resulted fortunately for Future Farmers of America—for both the grand champion carload of calves and the reserve carload went to Sears, Roeback & Co. for distribution to FFA boys.

The splendid, uniform champion carload from the L. B. Peavy estate of Clark, Colo., sold at $18.10 per cwt., the 20 head totaling 8,910 lbs. across the scales. The reserve champion feeder load was made up of Angus calves from Oxbow Ranch and they gave the judges plenty of work in making top selections. They went at $17 per cwt. and weighed out at 9,800 lbs. for the 20 head.

First prize pen of Hereford feeders from Norell Herefords of Collbran, Colo., sold at $18.10 per cwt., the six head totaling 10,200 lbs. across the scales. The reserve champion feeder load was made up of Angus calves from Oxbow Ranch and they gave the judges plenty of work in making top selections. They went at $17 per cwt. and weighed out at 9,800 lbs. for the 20 head.

World Records Fall at Great Western Hog and Lamb Sales

SALE SUMMARY

HOGS

<table>
<thead>
<tr>
<th>Number of head sold</th>
<th>265</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total price</td>
<td>$14,182.63</td>
</tr>
<tr>
<td>Total weight</td>
<td>57,840 lbs.</td>
</tr>
<tr>
<td>Average price per cwt.</td>
<td>$24.52</td>
</tr>
</tbody>
</table>

SHEEP

<table>
<thead>
<tr>
<th>Number of head sold</th>
<th>123</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total price</td>
<td>$4,569.69</td>
</tr>
<tr>
<td>Total weight</td>
<td>11,895 lbs.</td>
</tr>
<tr>
<td>Average price per cwt.</td>
<td>$38.41</td>
</tr>
</tbody>
</table>

With the close of another outstanding Great Western Livestock Show at Los Angeles the results of the judging and sales in the hog and sheep sections emphasizes again the remarkable job being done by juniors in handling livestock. Top honors of the show for the grand champion hog, grand champion pen of hogs and the grand champion lamb went to three FFA youths, and a student at Cal Poly had the grand champion pen of lambs. World record prices of $2,306.25 and $980 were paid for the rosette winning hog and lamb, respectively.

Fifteen-year-old FFA Emmet Sharp of Simi had a typey, well-finished Chester White that won its way to the grand championship of the show by taking first prize in its class among the FFA entries, going on to the championship of the junior division with a win over the splendid 4-H Duroc-Jersey entry of Eddie Crawford of Wasco and finally gaining the supreme triumph in a close contest with the outstanding Duroc-Jersey entry of Aloise Miller of Wasco, whose hog had been named champion of the open division.

Besides the thrill of having the grand championship hog of the show, young Sharp had the tingling experience of seeing his prizewinner sell across the auction block at the world record price of $2,306.25. Coast Packing Co. of Los Angeles made the high bid of $11.25 per lb. which shattered all existing records for the purchase of pork on the hoof.

In the lamb division, Dennis Daly, an FFA boy from Bakersfield, exhibited a Southdown that topped all entries in the FFA section and became champion of the junior division when it was picked over the 4-H Crossbred winner shown by Gilbert Hutchings, Jr., Bakersfield, in the run-off for the grand championship. The Daly Southdown entry competed with another of its own kind, shown by Floyd Hilbig of Cal Poly, who had taken the top award in the open division. Judge Ross Arthur, head sheep buyer for Swift & Co., had a difficult time choosing the grand champion, but he finally awarded the purple rosette to Dennis Daly’s entry. He characterized the winning Southdown as being firm in flesh, having uniform cover, and a splendid example of the baby type lamb without being excessively sheepy.

The second world price record of the afternoon was set when Daly’s grand champion lamb was sold to Cornelius Packing Co. of Los Angeles on the high bid of $980. The 70-lb. Southdown was

Come to Santa Barbara County for Better Herefords

Tecolote Ranch
Goleta • California

Selling 12 Bulls and 6 Cows in the Tri-County Hereford Sale, Jan. 11 at Goleta, Calif.

Five bulls will be offered as individuals, three bulls will be sold in one group and four bulls in another group.

Four of the bulls are by our great sire, Pueblos Domino 378th by WHR Triumph Domino 33d by WHR Royal Domino 51st.

We are selling the three-year-old bull, Rey Domiino 40th, first prize junior calf at the 1942 Great Western.

The other bulls are by Pueblos Domino 261st by Dandy Domino 107.

The six cows are rebred and one cow sells with July bull calf at side by our “Triumph 33d” sire. Included in the group is one of the top cows of our herd by Dandy Domino 107.
Rancho SAN FERNANDO REY

offers a choice consignment of Registered Hereford Bulls and Females at the

TRI-COUNTY HEREFORD SALE
THURS., JAN. 11 AT DOS PUEBLOS RANCH

BULLS

|-------------------------|--------------------------------------------------------------------------------------------------|

FEMALES

<table>
<thead>
<tr>
<th>REINA HARTLAND 3280905</th>
<th>Calved March 15, 1941. Sire: Chandler's Belmont 64th 2120984. Dam: Miss Hartland 107th 2810163.</th>
</tr>
</thead>
<tbody>
<tr>
<td>REINA MARK 2ND 3280910</td>
<td>Calved March 31, 1941. Sire: Mark Domino 46th 2434994. Dam: Miss Mark 99th 2879089.</td>
</tr>
<tr>
<td>REINA MARK 4TH 3280911</td>
<td>Calved April 2, 1941. Sire: Mark Domino 46th 2434994. Dam: Miss Oregon 154th 2810164.</td>
</tr>
</tbody>
</table>

Rancho SAN FERNANDO REY

Members California Hereford Association and Santa Barbara County Registered Hereford Breeders Association.

Dwight Murphy, Owner
Santa Barbara, Calif.

Andy Simpson, Cattle Supt.

Ranch located on San Marcos Pass Highway in the Santa Ynez Valley.

December 15, 1944
worth exactly $14 per lb. on the hoof to young Daly.

FPA Harold Hansen, a student at Bakersfield Union High School, with a pen of three hogs entered in the Poland China and Spotted Poland China class, won his way to a championship in the junior division when his pen got the nod over a group of the same breed shown by Barbara Olsen of Buttonwillow, whose entries had topped the 4-H division. George Vaught of Cal Poly had a nice trio of the black and whites that led the field in the open division but in the stretch run for the grand championship Hansen's proved a little more pleasing to the judge and won the highest award.

As befits a grand champion pen, Hansen's group, tipping the scales at a total weight of 710 lbs., commanded the highest price paid at the sale for a pen of hogs. When the sharp rap of Auctioneer Art Thompson's hammer ended a session of spirited bidding, Sears, Roebuck had bought them at 30 cents per lb.

The champion pen of three lambs was an entry of Southdowns, well fitted, finished, uniform in size and an excellent mutton type shown by Floyd Hillbig of Cal Poly in the open division. They withstood the bid made by the champions of the junior division, a trio of Crossbreds exhibited by FFA Joe Adams of Bakersfield. Adams had defeated the winner of the 4-H division, Gilbert Hutchings, Jr., Bakersfield, who had a nice pen of Crossbreds.

Sale of the grand champion pen of lambs brought Floyd Hillbig $1 per lb. for the trio, which weighed 300 lbs. on the hoof. Cornelius Packing Co. of Los Angeles made the high bid. Joe Adams' pen, champions of the junior division, also brought $1 per lb. from Clougherty Bros. of Los Angeles. Weight of the trio was 250 lbs. Grand champion carload of hogs was 25 head of uniform, well finished Hampshire shires exhibited by Adobe Ranch of Madera. Weighing 5,260 lbs., the carload brought a bid of $19 per cwt. from Clougherty Bros. of Los Angeles, but because the OPA ceiling price of $15.75 per cwt. had not been lifted for hog entries in the open division the price was subsequently cut back to $15.75. The cutback affected 103 hogs shown by seven exhibitors in the open division who had received bids ranging from $16.75 per cwt. to $20.50 per cwt. The only exception made to the OPA ceiling price was confined to junior entries and entries of vocational projects.

Houchins Farms of Bakersfield displayed their interest in the work of jun­ior when they bought from Bob Bow­man, retiring president of the Bakersfield FFA unit, his trio of Berkshire pigs which had been awarded first prize individual and pen in the stock division, where they were entered as a vocational project. The hogs totaled 680 lbs. and went at $25 per cwt. The pen was later resold at $19.50 per cwt. to Coast Packing and the pro­ceeds donated to the Bakersfield FFA.

Another feature of the sale occurred in the lamb division when the Quality Packing Co. on a bid of 30 cents a pound bought from Ernest Blake of Cal Poly his Crossbred lamb which placed first in its class in the open division. They put the animal up for resale, with the proceeds earmarked for the Red Cross. Cudahy Packing Co. bought the 125-lb. lamb on a bid of $1.05 per pound.

The sale was conducted under the handicap of OPA Art Thompson, nation­ally famous livestock auctioneer, who did a splendid job of handling the fast bidding that followed when representa­tives from the major packing companies, chain stores, Southern Pacific Railroad and Trio Feeding Co. swung into action.

Complete results of the hog and sheep judging appeared in the Western Livestock Journal of Dec. 12; additional information on the sale appeared in the issue of Dec. 12.

DIAMOND RANCH
P.O. BOX 641
SAN LUIS OBISPO, CALIFORNIA

Consigning to the Tri-County Hereford Sale Jan. 11 at Goleta, Calif.
AT DOS PUEBLOS RANCH

2 Yearling Open Heifers
2 Yearling Bulls
2 Bull Calves

We are cooperating with Hereford breeders of San Luis Obispo, Santa Barbara and Ventura counties in making this sale of service and importance to cattlemen and breeders. See the good quality of registered Herefords raised in this famous breeding center of California's South Coast area.

HARRY PARKER
JOHN GILLI
HENRY LANG

BREEDERS OF GOOD REGISTERED HEREFORDS
At the **Tri-County Hereford Sale**

**Goleta, California, January 11**

We Will Offer Two

**WHR-Bred Herd Bull Prospects**

**Idless Advance**

and

**Idless Austin**

Examine this pedigree:

WHR Elation 3rd

---

**Idless Austin**

Calved October 8, 1943

Bred by Wyoming Hereford Ranch

---

Mr. and Mrs. Harold Shumate

Owners

---

Cecil Rinard

Supt.
EVERY new generation of hogs for the last forty years has been finding out that American Fence is a tough, relentless barrier that keeps them in their place. If you need fence, we urge you to see your American Fence dealer. He may be able to supply you at once.

If you need fence, we urge you to see your American Fence dealer. He may be able to supply you at once. If not, he'll do all he can to get you American Fence quickly. We are now permitted by the government to manufacture considerable quantities, although there still is not enough to meet all demands.

It will pay you to keep in contact with your dealer. And if you can't get the fence you want right now, ask him for a copy of our helpful, free booklet, "How to Make Fences Last Longer." It tells 25 ways to keep your present fences in top condition. Or mail the coupon below. You'll receive the booklet free of charge.

CONTROLLING CATTLE LICE

There are two types of lice, one puncturing the skin and feeding on blood, while the other feeds on hair particles, skin secretions and scales. The biters may be controlled by a light application of sodium fluoride to the affected parts. The blood suckers, or blue lice, are controlled by spraying, dipping or hand applications of commercial powders or dips.

A satisfactory dust contains at least one-half of 1% rotenone. A dip may be made by dissolving two to four ounces of neutral soap to each gallon of water and adding one ounce of cube or derris powder containing 5% rotenone.

RANCHO PIOCHA

In one of the largest ranch transactions in Pacific Coast history, Mr. and Mrs. Rex B. Clark of Los Angeles recently acquired at a price of about $400,000 the famous 3,600-acre Rancho Piocha and the entire herd of double registered Polled Herefords, one of the largest herds of its kind in the United States.

Formerly owned and operated by the late Col. L. B. Manning, the ranch, with its beautiful, oak-dotted range land, alfalfa, and permanent pasture meadows, is located along the Santa Ynez River in the Santa Ynez Valley, Santa Barbara County.

The late Colonel Manning, who recently lost his life in the service of his country, developed in the brief span of four years one of the nation's outstanding herds of registered Polled Herefords. After a nation-wide search for a herd sire, he selected Advanced Domino 30th, for which he paid $12,000, to build up the quality of his herd. Mr. and Mrs. Clark will carry on the breeding program initiated by Colonel Manning with Earl Ryan acting as general manager of the ranch. However, Colonel Manning's program of breeding Tennessee Walking horses will be discontinued. Farming equipment and furniture on the ranch was also transferred at the time of the sale.

Both Mr. and Mrs. Clark are widely known in Southern California through their development of the Norconian Club, Norco, Calif., which was recently taken over by the Navy and converted into a large Naval hospital. Mr. Clark is also well known in California and the East for successful ranch and hotel activities.

This sale, consummated by Seamans, Ltd., brings the total of that firm's 3944 ranch sales to a little over $2,000,000.

COLUMBIA STEEL COMPANY, San Francisco
AMERICAN STEEL & WIRE COMPANY, Cleveland, Chicago and New York
TENNESSEE COAL, IRON & RAILROAD COMPANY, Birmingham
United States Steel Export Company, New York
Rancho Alamo Herefords
SELLING JANUARY 11, 1945
Santa Barbara County Registered Hereford Breeders Sale on Dos Pueblos Ranch, Goleta, Calif.

OUR FEATURE ATTRACTION...
FEMALE, LADY BELMONT 55th 3054642, calved Oct. 5, 1939.

4 Bulls—5 Females

FEMALE, ALAMO MISS MIXER, calved February 2, 1943.

FEMALE, ALAMO ROYAL MAID 13th, calved February 4, 1943.

FEMALE, ALAMO ROYAL MAID 13th, calved February 4, 1943.
Sire: Donald Domino 65th. Dam: Alamo Pearl 12th.

FEMALE, ALAMO MISS OREGON 8th, calved March 16, 1943.

BULL, ALAMO ROYAL BROWN 6th, calved January 31, 1943.
Sire: Brummel Brown. Dam: Captain's Loss 26th.

BULL, ALAMO DON DOMINO 3d, calved February 1, 1943.
Sire: Donald Domino 65th. Dam: Ferndale Girl 70th.

BULL, ALAMO ON PARADE, calved March 5, 1943.

BULL, ALAMO DON DOMINO 7th, calved April 15, 1943.
Sire: Donald Domino 65th. Dam: Captain's Loss 11th.

RANCHO ALAMO
Los Alamos, Calif.
J. A. & A. P. PARMA

Dos Pueblos Herefords
consigned to the
Tri-County Hereford Sale, Jan. 11

Dos Pueblos welcomes breeders of Santa Barbara, San Luis Obispo and Ventura Counties to Dos Pueblos Ranch for this tri-county sale.

We call special attention to eight foundation heifers as offering unusual opportunity for the man seeking choice foundation stock, either in a new herd or to add to any top registered herd. These heifers are out of our very best foundation cows that we would not sell at any price, they will all have calves at side by sale time by Royal Triumph 21st by WHR Triumph Domino 6th, or will be heavy in calf to this top herd bull. Remember, these heifers come out of a herd which has produced more high quality foundation stock than any other herd in the state.

We will also sell 13 yearling bulls, to be sold in three lots of three and one lot of four. These groups are especially selected for uniformity and will appeal to range bull buyers.

We welcome all cattlemen and breeders to Dos Pueblos on sale day. You will find a worth while selection of good quality Herefords from breeders of three counties.

DOS PUEBLOS RANCH
J. C. KINZER, Supt.
GEO. QUIRRIE, Herdsman
Goleta, Calif.
unique Jamesway Display

the BUDD & QUINN tw-window, Fresno, lift, a firm doing much to make their section an indoor display of superior stock and better farm methods. They have been the James Dealer-

ship in broadening their service to dairy and all livestock folks in Fresno and Madera Counties through pointing the way to economies and satisfaction by building and equip-

JAMES MANUFACTURING COMPANY
Dept. WD 1244, Oakland, Calif.
Where the West Is Still West!

By REUBEN ALBAUGH
Salinas, Calif.

WOULD you like to see a great cattle empire—a section where feed is plentiful, where cattlemen are in a good financial condition, where cattle are high in quality and where the West is still West and the range open and free?

Such a territory begins as you drop over Hatchet Mountain into Burney Valley, Shasta County, and runs on through Lassen and Modoc Counties of California and then stretches northward through the great Lake County of Oregon, taking in that large expanse of range area through Harney and Malheur Counties and then into the Boise Valley of Idaho on southward into the Jordan Valley of Oregon and then through the Quinn River and Paradise Valley area in that great state of Nevada, on through Lovelock, Reno, and the Sierra and Plumas Counties of this golden state.

All through this tremendous expanse of western country white sagebrush, wheat bunch grass, mountain meadows, and haystacks cover this section like a carpet covers a floor.

A recent inspection tour revealed that cattlemen throughout this area had sold most of their surplus cattle, had culled their herds closely, and had a tremendous supply of feed on hand to carry their stock through the winter months. Most of them felt it was much better to have their money tied up in cattle, land and hay than to have it in the bank where inflation might decrease it overnight.

The quality of the cattle through this part of the West was high and they were in good shape, which indicated that they had passed through a favorable feed year. As one cattleman put it, "All we cattlemen have to sell is the calf crop, and the better this crop is the more money we make." That seemed to be quite generally the opinion because good range bulls were noted throughout this territory.

Everywhere there was interest in improving the range land by developing water and improving the mountain meadows which supply a large amount of the feed for both pasture and hay. Reseeding it with tame grasses and controlling flood waters appeared to be the big program.

There also seemed to be a tendency to feed out long yearling steers rather than two-year-olds where feeding was done. Most of the yearling cattle as well as the two-year-olds had already been sold and had moved readily at prices all the way from 10½ to 13½ cents per pound, depending upon the quality and the amount of finish.

Dry land alfalfa was seen throughout this entire district. It seems to be increasing, the same as it is in many other areas of California. Where alfalfa was produced for hay, it was irrigated by a flood system, by constructing small furrows approximately one to two feet
We deeply appreciate the recognition given our cattle in the California Hereford Association Sale on November 20 and here extend our thanks and best wishes to our purchasers:

To CBQ Ranch, Fresno, Calif., buyer of our reserve champion female, Miss C. Domino 4th, at $1275.

To A. Poletti, Denair, Calif., who purchased our reserve champion pen of three heifers at $485 each.

To Gerald Montgomery of Livermore, Calif., buyer of our first prize pen of senior bull calves at $400 each.

To George Emde of Happyholme Farm, Lodi, Calif., who got our second prize senior heifer calf, Miss C. Domino 1st, at $400.


CLAY and KEITH DAULTON

As we close 1944 we wish to thank the many stockmen and users of our products who have visited our plant and ordered their needs. They have an understanding of our problems arising from shortage of materials and therefore have been tolerant in the matter of delays in getting delivery of items of equipment they so badly need.

The Calf Chute and Cattle Squeeze situation has grown comparatively easy, particularly in the filling of orders placed well in advance. But the amount of materials and labor involved in turning out Haying Equipment makes it imperative that orders be placed early by customers who plan to make hay the TECO way next summer.

The Hay Hog Hay Loader is now in production, but to insure getting yours in time we must have your early specifications.

TECO products are constantly improved according to the needs and experiences of users. Always we endeavor to make the best possible use of materials allocated us.

Lastly, we share with the Hereford and Angus breeders in their satisfaction with Madera as a sale center and headquarters. Good trappers were hard to get at the way advertised and this predator had increased rapidly in these areas.

In the vegetable growing area around Ontario, Nampa and Boise, the yellow-skinned Japs had taken over this industry and seemed very much at home. Good crops of sugar beets, onions, potatoes and lettuce were evidenced throughout these rich valleys which are watered by the famous Snake and Boise Rivers.

Hotels were always full and the towns and cities hummed with activity. Recreation seeking people formed lines at theaters at nights, indicating good times among other groups besides the cowman.

Throughout most of this country the elevation ranges from 2,000 to 5,000 feet and the growing season is short in comparison with other areas, but the food that is produced is very strong and cattle do well. The open range is either controlled by Taylor Grazing, the National Forest Service, or private concerns. The cost of these grazing privileges is low compared to other lands and affords cheap production of beef and lamb.

At Burns, Ore., the Squaw Butte range experiment is located where numerous studies and experiments are being conducted to improve the range carrying capacity. County Agent Appling, whose duties range from demonstrating scientific methods to cattlemen to sawing music out of his fiddle for their dances, told us his county, Harney, had over 85,000 beef cattle and some 40,000 woolly sheep. In the Harney Valley around Burns and at Diamond in the Steens Mountains, some of the best cattle (Continued on page 39)
We wish to congratulate

Harold Eakin, Grass Valley, Oregon

on his selection and purchase of
DORMA DOMINO 160th 3568919

The Second Grand Champion Female

We have showed and sold at the La Grande Sales. Also we wish to express our appreciation to the second and third best bidders on this champion.

MRS. JAMES E. STEAD, Reno, Nevada
HAROLD SNOW, La Crosse, Washington

Other buyers of our sale consignment were:

GEORGE WEBB, Mayville, Oregon
DON OLINGER, Weston, Oregon
B. F. SORENSON, North Powder, Oregon
WYN ESTES, Walla Walla, Washington

White Mt. Royal S 12th

Sired by WHR Safety Domino 8th by WHR Domino Stanway 44th. Dam: Ar­meda by Domino Perfect. His third generation shows such famous bulls as Prince Domino Stanway, WHR Royal Domino 2d, Maple's Best and Gay Lad Domino. He is a bull with great smoothness, excellent head, compactness, heavy bone and depth—and carries these good qualities along through his calves.

We would be glad to have you visit our Ranch and see the outstanding calves of the 12th we have for sale
ADVANCED DOMINO 30th
The World's Greatest Sire of Polled Herefords

40 of his Sons and Daughters Have Been Sold for $59,995 . . . an average of $1499.87

SONS AND DAUGHTERS OF "THE 30TH" SELLING ABOVE $500 EACH:

<table>
<thead>
<tr>
<th>Name</th>
<th>Owner</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rosella</td>
<td>to Circle M Ranch, Senatobia, Miss.</td>
<td>$600</td>
</tr>
<tr>
<td>Double Advanced</td>
<td>to Brownell Comb, Lexington, Ky.</td>
<td>730</td>
</tr>
<tr>
<td>MM Advanced Domino</td>
<td>to Marrott Seed Co., Westminster, S.C.</td>
<td>2500</td>
</tr>
<tr>
<td>Bright Belle 30th</td>
<td>to Hamiltoen Farm, Gladstone, N.J.</td>
<td>900</td>
</tr>
<tr>
<td>Aster Domino</td>
<td>to Circle L Ranch, Dyer, Nev.</td>
<td>1000</td>
</tr>
<tr>
<td>Anxiety Advanced</td>
<td>to Circle L Ranch, Dyer, Nev.</td>
<td>1500</td>
</tr>
<tr>
<td>Double Advanced 2d</td>
<td>to Circle L Ranch, Dyer, Nev.</td>
<td>2000</td>
</tr>
<tr>
<td>Double Advanced 3d</td>
<td>to M. H. Smith, Follett, Texas</td>
<td>2500</td>
</tr>
<tr>
<td>Bertha Domino 5th</td>
<td>to L. D. Summer, Gastonia, S. C.</td>
<td>500</td>
</tr>
<tr>
<td>Stella</td>
<td>to John Rice, Lodge Grass, Mont.</td>
<td>1000</td>
</tr>
<tr>
<td>Advanced Domino 81st</td>
<td>to Wood &amp; Osborne, Bluford, Ill.</td>
<td>1200</td>
</tr>
<tr>
<td>Advanced Domino 42d</td>
<td>to Leslie Farrell, Reno, Nev.</td>
<td>1300</td>
</tr>
<tr>
<td>Beau Banner</td>
<td>to Arch Delamore, Amary, Miss.</td>
<td>1800</td>
</tr>
<tr>
<td>Banner Domino</td>
<td>to Earl Blanchard, Oshkosh, Nebr.</td>
<td>2400</td>
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<tr>
<td>Advanced Domino 40th</td>
<td>to Sims Bros., Prembroke, La.</td>
<td>700</td>
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<tr>
<td>Lilacville 3d</td>
<td>to Sumpter Farms, Tuscaloosa, Ala.</td>
<td>900</td>
</tr>
<tr>
<td>Comprest Crystal</td>
<td>to Sumpter Farms, Tuscaloosa, Ala.</td>
<td>650</td>
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<tr>
<td>Linda Domino 40th</td>
<td>to Sumpter Farms, Tuscaloosa, Ala.</td>
<td>550</td>
</tr>
<tr>
<td>Don Domino</td>
<td>to Hill Norford Farm, Fairfield, Tex.</td>
<td>650</td>
</tr>
<tr>
<td>Adv. Intense</td>
<td>to Peter Yorlend, Leedore, Idaho</td>
<td>750</td>
</tr>
<tr>
<td>Miss Mischief 10th</td>
<td>to Rancho Piocha, Santa Ynez, Calif.</td>
<td>2500</td>
</tr>
<tr>
<td>Adv. Domino 44th</td>
<td>to Dekle Hereford Farm, Millen, Ga.</td>
<td>600</td>
</tr>
<tr>
<td>Real Advanced</td>
<td>to J. R. Reaves, Clarksville, Ga.</td>
<td>1000</td>
</tr>
<tr>
<td>Anxiety Advanced 3d</td>
<td>to Hilltop Farms, Lincoln, Ill.</td>
<td>750</td>
</tr>
<tr>
<td>Aster Domino 2d</td>
<td>to H. L. Vendegeff, Montgomery, Ala.</td>
<td>2500</td>
</tr>
<tr>
<td>Britt Domino</td>
<td>to L. J. Moore, Covington, Ga.</td>
<td>800</td>
</tr>
<tr>
<td>Miss Catherine 43d</td>
<td>to E. R. Siebert, Detroit, Mich.</td>
<td>1000</td>
</tr>
<tr>
<td>Adv. Domino 83d</td>
<td>to Williams Bros., Norwood, Colo.</td>
<td>1000</td>
</tr>
<tr>
<td>Adv. Domino 54th</td>
<td>to Hull Breeden &amp; Son, Beloit, Minn.</td>
<td>750</td>
</tr>
<tr>
<td>The Challenger</td>
<td>to R. P. Shapoff, Jr., Griffin, Ga.</td>
<td>7000</td>
</tr>
<tr>
<td>Chub Domino</td>
<td>to Omer Duty, Burchard, Nebr.</td>
<td>2000</td>
</tr>
<tr>
<td>Chuck Domino</td>
<td>to Henry Nelson, Chicago, Ill.</td>
<td>3000</td>
</tr>
<tr>
<td>Reel Lassie</td>
<td>to C. E. Wilson, Lakecide, Nebr.</td>
<td>500</td>
</tr>
<tr>
<td>Louise Aster 8th</td>
<td>to Classen Bros., Beatrice, Nebr.</td>
<td>600</td>
</tr>
<tr>
<td>Adv. Super Domino</td>
<td>to Chas. A. Stuck, Janesboro, Ark.</td>
<td>1525</td>
</tr>
<tr>
<td>Adv. Domino 59th</td>
<td>to Walker Bros., Wolsey, Nebr.</td>
<td>590</td>
</tr>
<tr>
<td>Queen Flo 43d</td>
<td>to Linscott &amp; Mitchel, Huntsville, Ala.</td>
<td>500</td>
</tr>
<tr>
<td>Aster Domino 4th</td>
<td>to Carmen &amp; Gold, Chester, Nebr.</td>
<td>1600</td>
</tr>
<tr>
<td>Adv. Domino 40th</td>
<td>to Rancho Piocha, Santa Ynez, Calif.</td>
<td>1000</td>
</tr>
<tr>
<td>Choice Advanced</td>
<td>to Dr. E. L. Grab, Knoxville, Tenn.</td>
<td>6750</td>
</tr>
</tbody>
</table>

For information, address the owners:
Mr. and Mrs. Rex B. Clark, Rancho Piocha, Santa Ynez, Calif.
ranch of the West are located, the Roaring Spring Ranch, the famous "P" Ranch and Hotchkiss Bros.' spreads being some of the most noted.

In Nevada, that wide-open state, the Quinn River Valley was most impressive with its big ranges and meadow lands. The McCullough holdings in this valley were among the largest, while over in Paradise Valley the McCleary Ranch and the Williams Farming Co. outfits were among the most interesting as well as outstanding. Over in Reno, the big little city of the West, Jim Stead was fitting some of his outstanding purebreds for the circuit. The quality of cattle in that part of the state was due largely to the influence of his range bulls, according to A. Albright, county agent.

Back in California's Sierra Valley, the Alpine district was visited and here Charles Lafranchini and F. E. Humphries Ranches were toured.

Ole Man Jack Frost had visited these areas where the four states and nature's paintbrush was in evidence on the quaking asp, poplar, oak and dogwood, in splendor not yet equalled on canvas by man.

Yes, these areas truly represent a great cattle domain, where livestock harvests the strong natural resources—grass—and converts it into new wealth.

Once in a while it's good for man's soul to get out of his own back yard and see how the other fellow makes a living. As one talked to these cattlemen and watched them operate, he was convinced that they were not easy to stampede, that they were ready for what the future might hold, and that they truly represented the lifeblood of the West.

* * *

H. P. Crowell, WHR Founder, Dies

The recent death of Henry Parsons Crowell, owner of the famous Wyoming Hereford Ranch, Cheyenne, Wyo., is regarded as a severe loss to the Hereford breeders of the nation.

Mr. Crowell's contribution to the improvement of the Hereford breed has been great and continuous since he first became financially interested in the Wyoming Hereford Ranch in 1918. He became sole owner of the ranch in 1920 and in the latter part of that year placed Robert W. Lazear in charge as manager, a position he has held ever since.

Mr. Crowell sought to operate the ranch as an educational enterprise with emphasis on scientific breeding studies. Improvements in the breed during the last two decades reflect to a large degree the success of his program.

Realizing that no one man's life was long enough to accomplish all he had in mind for the herd, Mr. Crowell in 1938 revealed that he planned to endow the Wyoming Hereford Ranch and herd for a period of 25 years following his death. The trust was created so the breed and industry may benefit to the fullest extent from an uninterrupted continuation of the policies and practices first established in 1920.

Mr. Crowell, born in Cleveland, Ohio, Jan. 27, 1855, established the Cleveland Metal Products Co., later known as the Perfection Stove Co. He also established the Quaker Oats Co., manufacturer of breakfast foods, at Ravenna, Ohio.

December 15, 1944

An Expression of APPRECIATION

For the Popular Reception Given Our 5 Select Hereford Bulls of Straight WHR Breeding Sold at La Grande, Ore., on Nov. 14th

To Fred Cox of Grass Valley, Ore., buyer for $875.00 of ALDARRA POLARIS 3812528

To C. C. Curl of North Powder, Ore., buyer for $800.00 of ALDARRA TRIX 3812531

To H. E. Noah of Ontario, Ore., buyer for $775.00 of ALDARRA THUNDER 3812532

To Joe DeWuhs of Union, Ore., buyer for $450.00 of ALDARRA CHIEF 3812524

To Walt Egg of Prescott, Wash., buyer for $410.00 of ALDARRA MOLD 3812526

Second High Average to Aldarra Farms—$662.00

For the Future

We are looking forward to the day when we can present to discriminating buyers the choice calves now at the farm which have been sired by our herd sire

WHR PRINCEPS 25th 3365147

a real breeding bull who is already adding credit to the record of his famous sire, WHR PRINCEPS MIXER 2629496, Register of Merit.

ALDARRA FARMS

(W. E. BOEING, Prop.)

On Route A, Issaquah, Washington

WALTER McROBB, Herdsman

"DUTCH" ABBOTT, Supt.

Office—1411 4th Ave., Seattle 1, Washington

Registered HEREFORDS

Now offering a number of yearling and two-year-old bulls for sale

Also Palomino Horses

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675 Treat Ave., San Francisco, Calif.

W. P. BAKER Ranch located at San Gregorio, Calif.
POST-ELECTION Washington agricultural policies now are becoming more apparent as New Dealers take a firmer hold on the federal government helm for another four years. They contain no major surprises.

In the weeks since the election Washington official appraisal of the results after the war adds up to this: "The nation has voted for four more years of the same." That is why we think you'll see few major changes in programs and policies until after the war.

Those here more detached politically are inclined to this analysis, in which we concur: The Democratic majority was a vote of confidence in Roosevelt war and peace leadership. Much of the Republican vote was a protest against weariness or some domestic policies.

There will be this difference between the fourth term and those which preceded it: Congress already has begun an upsurge of power. The Administration will be less inclined to "tell" Congress more inclined to "ask" it on important matters.

The farm program for next year is pretty well set. It calls for an overall farm acreage of 364,000,000 in crops, slightly more than this year; heavier feeding of livestock and maximum dairy production, and more hogs. No major changes are planned in price supports and ceilings.

Congress will take up extension of the Price Control Act, under which OPA operates, next spring. Renewal, perhaps with a considerable easing of government controls, now appears certain. There is little prospect that all OPA controls will be abandoned for at least a year after both wars end.

There will be talk about production and marketing controls designed to adjust crop and livestock production to demands after the war, but that will be in terms of 1946 and thereafter—not 1945.

Crop insurance renewal on cotton and wheat should scotch through both Houses in the present session without major opposition. Farm credit agency consolidation will be taken up next session, but passage likely will be delayed many weeks while further hearings are held.

WAR FOOD ADMINISTRATION officials believe recent market trends show the turning point has been reached in beef production—that a downward trend has set in that will result in a gradual decline evident probably in 1946—not in 1945.

The decline, they think, will be gradual so long as beef demand remains high and feed plentiful. A sharp decrease in employment after the war, with a resulting slump in consumer demand for quality meats, would accelerate the decline.

Slaughter figures for the first 10 months of this year appear to support the WFA view. Cattle numbers at the start of the year showed an increase of about 6% over a year earlier. Marketings may result in a net decline by the end of the year. That is WFA's hope.

Total cattle slaughter for January 1 to November 1 this year was 11,349,594, a gain of 23% over last year and 28% over the previous five-year average. Calf slaughter totaled 6,226,874, an all-time record, 54% above last year and 40% above the previous five-year average.

Some decline in percentages over a year ago were recorded for October, probably reflecting the better feed situation, but not reversing the earlier trend. October cattle slaughter was 14% over a year earlier and calf slaughter 40% higher.

Early last spring WFA asked for a reduction of 3,000,000 to 5,000,000 in the number of cattle on farms and ranges. The reduction apparently did not begin as early as expected and likely will be less than the total requested.

INDICATIONS NOW are that the American livestock producers might as well get ready to kiss their export market goodbye after the war. What that will mean in reduced demand still is being debated. Opinion among food officials is that domestic consumption cannot be

Chandler Herefords

Make New Friends at Los Angeles Great Western

Chandler Herefords have been displayed year after year at the Great Western and each year make new friends and hold old friends. For that, we are sincerely appreciative. We especially wish to thank the following buyers of Chandler Herefords in the sale and at private treaty:

FRED ALEN, Wellington, Nev., who paid $3,000 for Belmont Domino 22d, first prize senior yearling, sired by Mark Domino 100th and out of a Young Domino 20th dam. The sire of this bull, which will head Mr. ALEN's newly established registered Hereford herd, is a full brother to Miss Mark 34th, champion at the major shows in 1937.

WINTERTON BROS., famous Hereford breeders of Kansas Utch, purchased Donald Dhul 3d, our third prize summer yearling bull. This is the first Donald Dhul calf we have sold. We are happy to have him go into the Winterton herd, which will give these breeders the same line of breeding as Jensen Bros., Logan, who made such a good showing at Ogden on Herefords sired by Chandler bulls and out of Winterton females.

Watch for announcements of offerings of Chandler Herefords at leading western shows and sales to be held early in 1945.

HERBERT CHANDLER • BAKER, OREGON
Northwest Hereford Breeders' Assn.

Announces its . . .

Annual Spring
HEREFORD SALE
March 9th, 1945
(Show on March 8th)
at Spokane, Wash.
(Old Union Stock Yards)

"The Best in the West
Will Be Offered Here"

IMPORTANT: Make your hotel reservations NOW
at Spokane, Wash., for the show and sale

BOB TEALE, Sales Manager
Bollinger Hotel, Lewiston, Idaho

SALE COMMITTEE
Herbert Chandler · Ted Gehring · Will Platt

Northwest Hereford Breeders' Assn.

December 15, 1944
Keeping Christmas

It is a good thing to observe Christmas Day. The mere marking of times and seasons, when men agree to stop work and make merry together, is a wise and wholesome custom. It helps one to feel the supremacy of the common life over the individual life. It reminds a man to set his own little watch, now and then, by the great clock of humanity which runs on sun time.

But there is a better thing than the observance of Christmas Day, and that is, keeping Christmas.

Are you willing to forget what you have done for other people and to remember what other people have done for you; to ignore what the world owes you and to think what you owe the world; to put your rights in the background and your duties in the middle distance, and your chances to do a little more than your duty in the foreground; to see that your fellowmen are just as real as you are, and try to look behind their faces to their hearts, hungry for joy; to own that probably the only good reason for your existence is not what you are going to get out of life, but what you are going to give to life; to close your book of complaints against the management of the universe, and look around you for a place where you can sow a few seeds of happiness—are you willing to do these things, even for a day?

Then you can keep Christmas.

Are you willing to stoop down and consider the needs and the desires of little children; to remember the weakness and loneliness of people who are growing old; to stop asking how much your friends love you, and ask yourself whether you love them enough; to bear in mind the things that other people have to bear on their hearts; to try to understand what those who live in the same house with you really want, without waiting for them to tell you; to trim your lamp so that it will give more light and less smoke, and to carry it in front so that your shadow will fall behind you; to make a grave for your ugly thoughts and a garden for your kindly feelings, with the gate open—are you willing to do these things, even for a day? Then you can keep Christmas.

Are you willing to believe that love is the strongest thing in the world—stronger than hate, stronger than evil, stronger than death—and that the blessed life which began in Bethlehem nineteen hundred years ago is the image and brightness of the Eternal Love? Then you can keep Christmas.

And if you can keep it for a day, why not always?

But you can never keep it alone.

Van Dyke

Pacific Guano Co.
THANKS A MILLION

to the bidders and buyers who paid $10,450 for our 10-head consignment to the 1944 California Hereford Association Sale held at Madera, November 20. The average of $1045 sets a record from one consignment, numbers considered.

We deeply appreciate your bidding which established an all-time high on a California State Sale in the selling of our Grand Champion Bull, HSR LIBERATOR, to Gerald Montgomery and Raymond Thomas of Madera, Calif., at $3500. This we believe to be an all-time high price paid at public auction for a California bred Hereford.

This is the second time in our four years of showing and selling in the State Sale that we have topped the auction with a bull, the first being in Stockton in 1942.

Our very special thanks to Irene Rich of Hollywood fame for her purchase of our Grand Champion Pen of Senior Bred Heifers for her herd at Canoga Park at the all-time record of $1225 each, thus exceeding the $1,000 per head which our pen last year commanded from Ed. C. Asher of Willits. So far as we know, this is an all-time high on a pen of three heifers.

These heifers carry the service of TT TRIUMPHANT 16TH, our $18,000 Denver Grand Champion, whose sire has just been accorded Register of Merit recognition, thus joining a very small and select group out of the thousands and thousands of sires, past and present, who have contributed to the advancement of the breed in America. (Note: The amateur photo at right shows two of this Grand Champion Pen of Heifers.)

And to other buyers of our cattle we extend our sincere appreciation: Dr. G. C. H. McPheeters of Fresno, who bought our First Prize Pen of Junior Bred Heifers in calf to SUN STAN DOMINO 1ST at $675.00 each and M. C. Carey of Antioch, C. E. Metcalf of Fresno and Howard Hatler of Milton, purchasers of our individual bulls.

Four Sunland entries in the Great Western Sale, all sired by Brown’s Domino 98th, grossed $2,475 to average $620. D. J. Selleck of Lewistown, Mont., bought our Futurity heifer, Sun Maid D. 14th, at $875; Wilbur Dennis of Ducor, Calif., got our Futurity bull, Sun Domino 6th, at $700; C. B. Orvis & Son of Farmington, Calif., purchased Sun Domino 4th at $600, and El Tejon Ranch, Bakersfield, Calif., got Sun Domino 10th at $300. Our thanks, too, to all these buyers.

Later Results at Los Angeles

We greatly appreciate your confidence in us and our cattle

T. L. “Ted” HARPER
Owner

O. B. “Goldie” GOULD
Herdsmen

CLAIR POLLARD
Manager
A CONCRETE BARNYARD

helps you raise more beef with less feed and labor

With the United Nations appealing to American farmers to raise more beef and pork, many farmers are paving their feed lots with concrete. This saves feed and labor—leaves more feed for pigs following cattle—saves manure. Authorities say a concrete feed lot is worth $7 a head per year in direct savings.

A concrete pavement will last a lifetime, and the cost is surprisingly low. Concrete farm jobs require a minimum of critical war materials. If you need help, get in touch with your concrete contractor or building material dealer.

Write for free booklet on feeding floors and barnyard pavements, or other lasting concrete improvements.

PORTLAND CEMENT ASSOCIATION
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Yes, I am interested in paving my barnyard or feed lot. Send booklet.

Also "how to build" booklets on improvements checked:

- Milk house
- Manure pit
- Granary
- Dairy barn floor
- Poultry house floor
- Water tanks, troughs

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Street or R. R. No.:
City:

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"Premiers"
"Triumphs"
"Jupiters"

Harper Sibley, Owner
G. Merrill Peasele, Mgr.
TEMPLETON, CALIF.

orationary developments in feed, grains—corn, oats, barley and grain sorghums—is estimated by the Agriculture Department at 190,500,000 tons, 1% below the 1943-44 supply. But with fewer animals to be fed, the supply per unit will be considerably larger.

WPA's recent move placing hogs up to 270 pounds back on price support is clearly recognition of the better feed situation. This was done with the hope that its immediate effect would be to check further price declines at major markets. But for the future it is expected to encourage longer feeding, greater pork production and greater utilization of the record corn crop.

Many Washington officials now believe that they jumped the gun when they began several weeks ago to ease rationing and relax war-time controls. Then they were counting on an end of the war in Europe before Nov. 1. Once burned, they no longer will guess as to when it will end.

WPA and OPA officials say they have no plans for tightening meat rationing, but our guess is that unless there is a decided change for the better in the war situation by January 1, most meats will return to rationing.

Two major factors lead us to that belief. First, distribution now is spotty. Some areas feast while others experience severe shortages, leading in many instances to black marketing. Second, the Armed Forces continues to complain that it has difficulty in obtaining requirements, especially in the unrationed lower grades of beef and pork.

Hugo Toll Taken by Livestock Diseases

American farmers lose more than $400,000,000 a year through livestock diseases, says Dr. J. A. Barger, inspector for U. S. Bureau of Animal Husbandry. He quoted statistics to prove his statement that a vigorous campaign against these diseases is needed.

At some slaughtering centers, he said, as high as 18% of the hogs were retained last year because of swine tuberculosis; the average is about 10%, and 4,030,207 hogs were retained because of tuberculosis at federally inspected slaughter houses in 1943.

In areas where swine erysipelas is prevalent, 4% of non-vaccinated hogs die of this disease and about 7% become crippled. The vaccination of 1,364,000 swine by veterinarians in one year meant the saving of 13,640,000 lbs. of pork.

About 30% of the cattle hides sold in the United States from December to April are damaged by cattle grubs and are degraded. Beef trimmed from carcasses so affected last year amounted to more than 10,000,000 lbs.

Hereford Bulls Sell Well in Flat Top Ranch Sale

Results of the first bull sale ever held at Flat Top Ranch, Walnut Springs, Tex., were so satisfactory to Charles Pettit, owner, and W. B. Roberts, manager, that they have decided to make the sale an annual event.

Ninety-five herd sire prospects sold for $40,425, or an average of $425 each. The top 10 head averaged $1,725 and the top 25 head averaged $936.
Let's Get Down to Earth

When you take a sober look to the years ahead you can see that economy in operating cost will be the secret of success in farming. It is not safe to count on labor costs coming down or on farm prices staying up. Plenty of farm power at low cost will be needed to make every man-hour produce enough for a profit.

The key to economy in tractor power is endurance. It is something that does not show up in a day of demonstration nor in a table of specifications. Endurance means sustained performance and continued economy of fuel and oil. It means low cost of maintenance. It means long tractor life and low annual investment charge.

Endurance in Case tractors comes not from novel features but from a policy of making every part a bit better than might seem necessary. It includes choice of quality materials, ample dimensions and liberal allowance for load stresses. In particular it means exceptional care in design to keep out destructive dirt and to provide effective lubrication at all temperatures.

To give you low-cost power Case tractors are built in four sizes, because tractor capacity must fit farm size. There are tractor-mounted and pull-type implements for every operation in tillage, seeding, planting, cultivating, haying and harvesting—all built for extra endurance. See your nearest Case dealer about the machines you need and the chances for early delivery. J. I. Case Co., Racine, Wis.
New Developments Increase our Confidence in "TT 9th"

His Sire—WHR Triumph Domino 45th, is the latest bull to be accorded the Register of Merit Sire Award, the greatest distinction which the Hereford Association may grant. It will be recalled that "The 45th" sired the Grand Champion Bull and the First Prize Get-of-Sire Group of the 1944 Denver Show.

The get of his three-quarter brother, OJR Royal Domino 10th, (out of the same dam) also starred in the last Denver Show, winning Grand Champion Female and Second Prize Get of Sire.

Now, more laurels have come to "OJR 10TH" through the Show Ring at Ogden, where his get won Grand Champion Bull, Grand Champion Female, First Prize Get of Sire and an enviable number of First Prize awards.

These developments mean that while there has never been the slightest lack of faith in the wisdom of using "TT 9TH" liberally, the justification for our confidence is further established.

Thanks to the buyers who purchased our cattle in the recent California Hereford Sale at Madera. Paul Hudner of Hollister, R. M. Wright of Dinuba and O. C. Robinson of Sanger bought bulls, while Meinrad Grab of King City took our pen of heifers in calf to TT Triumphant 9th. Our best wishes go with all these cattle.

For sale at the Ranch: Yearling range bulls and a group of choice females, mostly with calves at side and rebred.

Directions to Ranch:
Go ten miles east of Fresno on Ventura Avenue, then north four miles on McCall Road, then east one and one-half miles on Ashlan Avenue to sign.

1400 Van Ness Ave., Phone 3-7101  

Herb Fite, Herdsman
HIDDEN VALLEY HEREFORDS

Average $615 as herd is Dispersed at Auction

BYERS braved a snowstorm to get to Spokane, Wash., Nov. 27 to pick off the choice foundation registered Herefords offered by D. Roy Johnson in the complete dispersion of his famous Hidden Valley Hereford herd. Despite the fact that stormy weather kept many people away from the sale, the quality of the offering inspired spirited bidding, particularly on the choice females, many of which were sold with husky calves at side. Manager Ed. Davis had his cattle in excellent condition, a factor which helped to maintain values.

A total of 45 females, some with calves at side, sold at an average of $638.11, and 18 bulls brought an average of $558.33, making the 63 lots average $615.31.

Auctioneer H. B. Sager turned in a top selling job and thus more firmly established himself in the esteem of the cattle fraternity. He was assisted in the ring by Bob Lazear of Wyoming Hereford Ranch, Herbert Chandler of Baker, Ore.; Roy Richardson of the Hereford Journal, Norman Warsinsky of Western Livestock Reporter. Bob Teale of Western Livestock Journal managed the sale and made all advance arrangements.

The relatively high average was established despite the lack of sensational prices. The top bull brought $1,725, this price being paid by John Klerf, Ellensburg, Wash., for HV Mischief Lad 3d, junior yearling by Junior Mischief. Gladys Turner, Rathdrum, Ida., paid $1,100 for HV Dhu Lad 1st, junior bull calf by Donald Dhu, famous Chandler bull, out of a Hazford Tone 131st dam.

Topping the females at $1,250 was Purity Domino S. 4th by Jr. Domino 160th, going to George Weber & Son, Uniontown, Wash. Her heifer calf at side, sired by S & P Peerless 6th, a real show prospect, brought $1,000, going to Steve Holman, Hobson, Mont., making $2,250 for the pair.

The cows were sold in family groups, the dam being followed by her calf and in many instances, her yearling, thus displaying the breeding worth in spectacular fashion.

The list of buyers and their purchases follow:

Purchasers


Two-speed, Full-View Safety Mower Attachment with 7-foot cutter bar, mounted on Allis-Chalmers Model WC Tractor.

There may well be an undiscovered volume of feed in your present rangeland pasture.

Clipping native grass twice a year increased the productive capacity three to five-fold — in one outstanding experiment station test. Hereford cattle, carried for two years on this pasture, weighed approximately 200 pounds more than a similar group on unclipped native grass. The cattle on the clipped pasture required no additional winter feeding.

Realizing the full feed-power of your range is a management “must”. Just to help reach this one goal, an efficient, easily-operated mowing outfit can be the most profitable tool on your entire ranch.

With the Allis-Chalmers tractor-mounted mower your range clipping or hay mowing goes fast — at the right time! The cutter-bar is mounted in front of the drive wheels, making the work easy — comfortable and safe for the operator. This mower is completely engineered for modern tractor speeds. If the mowing must be interrupted for a quick drawbar job, simply clamp the cutter-bar in transport position and go to it!

Timely clipping of range is a vital phase of modern ranching. For the right, low-investment outfit, see your Allis-Chalmers dealer now.
We Appreciate...

the fine reception accorded our registered Herefords in our first showing at the Great Western Livestock Show. We are appreciative of all who complimented us by inspecting these cattle, we appreciate the bids of leading breeders, and especially do we thank those who paid world record prices for our Champion and Reserve Champion pens of heifers. We also thank Judge Will Ross, who further honored us by naming our summer yearling heifer grand champion female of the entire show.

Our Thanks To These Buyers:

JOHN E. OWEN, Riverside, Calif.
Buyer of four bred heifers in our champion pen: Missie Real 69th at $4,000; Real’s Princess 2d at $4,000; Princess R. Dom. 2d at $4,000; and Missie Real 75th at $1,500. All sired by Real Domino 4 Sq. and bred to Real Top Domino 27th.

RANCHO SACATAL, Paul Spur, Ariz.
Buyer of Miss Laurel Domino at $2,000. She by Real Domino 4 Sq. and bred to Real Top Domino 27th. Donna Real and Missie Real 73d at $1,500 each.

PAUL GREENING, Norwalk, Calif.
Buyer of Missie Real 71st and Missie Real 74th at $1,250 each.

ED. ASHER, Willits, Calif.
Buyer of Princess R. Dom. at $1,000.

T. H. RICHARDS, Sacramento, Calif.
Who bought our Grand Champion Heifer, Miss Real 77th, at $2,500 for his grandson, T. H. Richards IV.

FRED H. DRESSLER, Gardnerville, Nev.
Buyer of our second prize Junior Yearling Bull, Real True Mold by Orion True Mold and out of Miss Real 14th by Real P. Domino 66th at $1,000.

DeBerard & Reagor
FRED C. DeBERARD   JOHN REAGOR
TOPONAS • COLORADO

Wall, Wash.; Walter Bros., Odessa, Wash.


Brae M. Mixer, to Ward Draper, $360.

By Junior Mischief, to Roe Sayles, $250.

Mischief Lad 1st, bull, March 26, 1943, by Junior Mischief, to Roe Sayles, $300.


BV Brae Lad 5th, bull, Feb. 15, 1943, by Brae M. Mixer, to Oliver Ruen, $310.

HV Piegam Lad 1st, bull, Feb. 9, 1943, by Piegam Domino 28th, to Ed Sherman, $260.


BV LV Brae Lad 3rd, bull, May 18, 1943, by Blanchard Dom. 5th, to Harry Krogh, $330.


BV Junior Lad 8th, bull, Oct. 19, 1943, by Junior Domino 2d, to Chris Lucht, $460.

VDH Dha Lad 1st, bull, Feb. 28, 1944, by Donald Dhu, to Gladys Turner, $1,000.

HV Piegam Lad 1st, bull, March 8, 1944, by Donald Domino 16th, to Boyd Ruchert, $450.

BV Piegam Lad 2nd, bull, June 9, 1944, by Donald Domino 16th, to C. W. Hickman, $500.

BV Royal Prince Lad 5th, bull, Jan. 1944, by Real Prince Domino 46th, to O. C. Paisley, $320.

Blanche Domino 73d, cow, March 1944, by Real Prince Domino 46th, $260.


Real Prince Domino 49th, out of above cow, to John Kierf, $1,725.

Mischief Lad 5th, bull, March 26, 1943, by Junior Mischief, to Roe Sayles, $300.


Rose Domino 61st, cow and bull calf, Aug. 20, 1939, by Real Prince Domino 67th, to O. C. Paisley, $320.

Shirley, cow, May 5, 1940, by Piegan Domino 28th, to Al Cox, $750.

Mischief Lad 1st, bull, March 20, 1939, by Inter. Domino 17th, to Thompson Bros., $300.

Bunny Domino 12th, to Geo. Weber & Son, $725.

Connie, cow, Feb. 22, 1940, by Inter. Domino 17th, to Harold Snow, $775.


Jesse, cow, April 5, 1940, by Int. Domino 15th, to Leo Pulkman, $460.

Heifer calf by Real Prince Domino 49th, out of above cow, to Vern Gunning, $190.

Margaret 13th, cow and heifer calf, March 7, 1939, by Blanchard Dom. 5th, to Robert Oete­ler, $500.

Real Lady 4th, cow and bull calf, April 20, 1942, by K. Domino 8th, to Harold Thomas, $520.

Miss Advance, cow and bull calf, May 13, December 15, 1944

Please Mention Western Livestock Journal When Writing Advertisers

KARPE'S GREENFIELD RANCH HEREFORDS

A SPECIAL OFFER on a group of cows and heifers which will serve their buyers well. These are available through a grouping of the cattle which went into the Greenfield Ranch foundation, according to blood­lines, families, etc. Very conservatively priced. See these at the ranch, located on U. S. Highway 99, south of Greenfield.

A. H. KARPE • Bakersfield • California
For TOPS in Herefords attend Tri-County Hereford Sale Thurs., Jan. 11 AT DOS PUEBLOS RANCH GOLETA CALIF.

Sponsored by SANTA BARBARA COUNTY REGISTERED HEREFORD ASSN.

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An interesting booklet for the Beef, Dairy, Hog, Sheep and Poultry Rancher.

FOR GREATER PROFITS USE:
Peet Perfection Dip
Peet Perfection Minerals
—AGENTS WANTED—
E. M. PEET MFG. CO.
Council Bluffs 1238 13th Avenue Indianapolis Iowa Oakland, Calif. Indiana

Bear Claw Ranch

The thickness, type, fleshing ability and good heads of calves by our champion, Battle Spartan 16th, appealed to all who saw them at our recent sale and to all who have seen them at the ranch. In him we have a truly remarkable breeding bull.

Visitors Welcome
R. E. LEONE, Mgr.
DAYTON, WYOMING

1940, by Advance Domino 120th, to W. W. Major, $775.
Rosalind Domino 39th, cow, May 18, 1941, by Mark Domino 60th, to Lynn Bean, $775.
Heifer calf by Donald Domino 16th, out of above cow, to Geo. Weber & Son, $460.
Heifer calf by Donald Domino 16th, out of above cow, to John Kierf, $360.
Rosalind Domino 24th, cow, Jan. 18, 1941, by Mark Domino 60th, to J. L. Despain, $500.
Heifer calf by Donsid Dhu, out of above cow, to Inman & Brask, $225.
Rosalind Domino 24th, cow, Dec. 1, 1940, by Mark Domino 60th, to Leo Fuhrman, $485.
Heifer calf by Donald Domino 16th, out of above cow, to Geo. Weber & Son, $330.
Rosalind Domino 26th, cow, Jan. 15, 1941, by Mark Domino 60th, to J. L. Despain, $450.
Miss D. Mark 8th, cow and heifer calf, April 27, 1941, by Mark Domino 47th, to Steve Holman, $1,225.
Miss D. Mark 9th, cow, April 30, 1941, by Mark Domino 47th, to Geo. Weber & Son, $315.
Lady Donald 68th, cow, May 8, 1941, by Donald Domino, to J. L. Despain, $335.
Heifer calf by Mark Donald, out of above cow, to Steve Holman, $275.
Miss Tone 24th, cow, May 20, 1941, by Hazford Tone 131st, to Steve Holman, $260.
Lady Belmont 65th, cow, May 6, 1941, by Chandler Belmont 30th, to Inman & Brask, $225.
Miss Artie, cow and heifer calf, May 4, 1941, by Mark Domino 36th, to Hector Keggers, $670.
HV Piegan Lady 3rd, cow, June 14, 1943, by Piegan Domino 28th, to John Kierf, $375.
HV Piegan Lady 3d, cow, Jan. 31, 1943, by Piegan Domino 28th, to Simon McDonald, $675.
HV Mischief Lady 2d, cow, Feb. 3, 1943, by Junior Mischief, to Ralph King, $335.
HV Mischief Lady 4th, cow, Feb. 6, 1943, by Junior Mischief, to Vera Gunning, $350.
HV Prime Domino Lady 4th, cow, April 6, 1944, by Real Prince Domino 49th, to Inman & Brask, $225.
HV Domino Lady 2d, cow, March 13, 1943, by Blanchard Dom. 5th, to Ralph King, $375.
HV Domino Lady 4th, cow, June 19, 1943, by Int. Domino 15th, to Ralph King, $300.
Cascade Lass 13th, cow, March 1, 1944, by Bob Domino 6th, to Inman & Brask, $220.

CATTLEMEN
Are You Planning To Buy Feeders?

If you have feed on hand and plan to buy feeders, now is the time to talk over your financial needs with Bank of America.

Talk to the Bank of America Field Representative in your district, drop in at your local Bank of America or visit the Livestock Loan Department, 650 South Spring Street, Los Angeles or 25 New Montgomery Street, San Francisco.

Borrowing from Bank of America is quicker and more convenient and usually costs less. Let's talk it over today.

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SHORTHORNS

Now offering several real beef type young bulls and females sired by Edellyn Golden Mercury.

RALPH W. MEHRTEN

WESTERN LIVESTOCK JOURNAL
Madera County
Hereford Bull Sale

MADERA, CALIF.
JANUARY 8, 1945

108 BULLS
Chiefly range bulls, range-raised and developed for best results under range conditions—bulls that have been well grown though never pampered. A few select herd bull prospects for those who own registered cow herds.

16 HEIFERS
These will come from the herd of Sherman and Raymond Thomas, heifers to fit the needs of those who want to start a purebred foundation. Further details of their breeding in a following issue.

MADERA COUNTY
All these are Madera County cattle, purebreds raised under the feed conditions which has made the county famous as a cattle section, both for range production and for its purebred herds. For years this county has been a dependable source of supply for range bulls—bulls which have made good and as a result buyers return year after year for more.

Our breeders assure you that these are good quality bulls, the kind that will make good, too, not the leftovers, for this sale has been planned for some time and these bulls have been held expressly for this event.

For further information write or see
H. CLAY DAULTON
MADERA, CALIFORNIA
Polled Hereford Show and Sale
Feb. 12-13 at Madera, Calif.
at Farm Bureau Sales Yards

Offering 125 Choice Bulls and Females

Leading breeders of registered Polled Herefords of California are combining their resources with breeders of five other states—Kansas, Nebraska, Texas, Idaho and Nevada—in making this the most outstanding show and sale of Polled Hereford cattle ever held in the West. See for yourself the progress that has been made in breeding the most modern type of Hereford cattle without horns. At this sale will be offered top herd sire prospects, choice foundation females and range bulls with size, smoothness and quality.

For Information, write: B. O. GAMMON, Secretary

American Polled Hereford Breeders Association
Old Colony Building, Des Moines, Iowa

VANDERHOOF
POLLED HEREFORDS

stands for victory to the Allies in the world conflict. In the Polled Hereford world it stands for victory, too, over the disadvantages which come from horns in this modern progressive era.

This is accomplished by employing the assistance of Nature in a way that is painless and economical, without sacrifice of any of the native beef characteristics of the Horned Hereford.

Sales at the Vanderhoof Ranch have been heavy. The breeding herd has been thereby reduced in numbers, but in quality stands today at the highest point in its history.

Recently a most progressive step in our breeding program was undertaken in further modernizing our herd. Watch for a new announcement in the January WESTERN LIVESTOCK JOURNAL.

FOR SALE NOW: TWENTY HEAD OF YEARLING BULLS. NO FEMALES OFFERED AT THIS TIME.

FRED E. VANDERHOOF, Woodlake, Calif.
Phone Visalia 43F14
Bob Hunter Writes
From Philippines

I don't know whether or not the Marine publicity department is on the job and mentioned them in the Philippines, but anyway there were a few, including myself, that were in on the initial landings and have been here since. The only difference between me and MacArthur in that respect is that I hadn't promised to come here and was even a little surprised to find myself in the land of the houseboys. At that, I think that MacArthur had a better appreciation of the loyalty of the Filipinos and their value as fighting men on our side than did anyone else. I've enjoyed particularly talking with some of the guerrillas, who have showed outstanding loyalty and ingenuity in maintaining resistance against the Japs since the American surrender in early '42. In view of this, it appears to me that our previous handling of the Philippine people was probably the most intelligent and constructive of any policy of great powers in this theater. The determined resistance of the Filipino guerrillas in the face of overwhelming odds stands out as an irrefutable argument for the soundness of our policy here.

There are extremely few dairy cattle and no beef cattle that I have seen here so far. The mainstay of the primitive agriculture is the water buffalo or carabao, which is used for all work in the fields, as well as riding and driving. These animals thrive on marshy feed, enjoy a mud wallow as nothing else, and seem well suited to conditions in this locality. They are killed for meat occasionally, although this was prohibited under Jap rule unless the animal was certified unfit for work. I have never seen any being milked.

This has been a fairly interesting operation, and so long as the Jap souvenirs hold out, will probably progress successfully.

Recent articles by Louis Bromfield in various magazines, and also one about the guy whose contention it was that the invention of the steel plowshare was the most harmful in history, have suggested to me that one of the gravest problems facing us is the declining fertility of our older agricultural lands. Grass and livestock are essential to its solution.

In thinking back on the many interesting people with whom I enjoyed visiting on the WLJ staff, and their ideas, I have been impressed with the soundness of the theory advanced by Dr. Woodside of Rosemead, Calif. He is particularly interested in the dairy field, but his thesis, to me, has broad significance.—Lt. Bob Hunter, USMC, somewhere in the Philippines.

"Keep It Coming"

I enjoy the Journal very much. So enclosed please find a money order for...

December 15, 1944
newal of my subscription. Even though there are lots of activities around here I always have time to read your magazine. I know it will help me a lot after the war. So keep it coming to me.—*Romeo Moody, c/o Postmaster, San Francisco, Calif.*

Cowboy Paratrooper

As far as this ol' boy is concerned you can have the sunny South, give me Nevada or California.

Jumped the other day in a pretty good breeze with a full load of TNT, stuck both feet down a hole on my landing, so I'm traveling now on wooden legs. Fractured a leg, so guess I'll be laid up for a week or two; give me time to catch up on my letter writing.

Sure like this outfit, a demolition squad of paratroopers. I've learned to appreciate the little things in life you just took for granted before—bowl of dogfood for her calf, the smell of white sage after a shower—and most of all, just good mule skinner would you make you climb with a load that would stagger a mule.

The second week they call it B stage. We jumped from towers about as tall as the Adir rulers in San Fernando Valley. I was kinda balky the first time, but it got easier as we went along.

The third week, C stage, we went to the 250 foot towers. There they pull you up on a cable—with parachute harness and chute on. When you're not looking they drop you—then there's nothing holding you up but a lot of silk. You float back to the ground, but somehow it always hits you in the face—quick.

I was scared the first time, but I'm getting better. Only takes three men to throw me out now.—*Smoke Adams, Ft. Benning, Ga.*

Never Slight a Corgi

Combine all the indignation that would ensue were you to say "a Hereford bull, whatever that is," in one person and you can picture me. In the October issue you very kindly noted "Gingerbreads" win at Los Angeles, but your parenthesises caused a riot! The Pembroke Welsh Corgi is one of the oldest, though one of the smallest, of the working breeds. Perhaps, unfortunately for the breed, they have become so popular and fashionable because of their quick intelligence and friendly nature, they are not used as working dogs in this country to any great extent. They are fairly rare, I grant you, but if ever you find yourself in our part of the country, please stop in to see our Corgis and I think you will share our enthusiasm for our little "bob-tailed foxes." I won't bore you with Corgi history and charm, but let this be a lesson to you—"never slight a Corgi!"—*Mrs. Edward Friendly, Elko County, Nev.*

We'll Do Our Best!

We have enjoyed your publication for some years. Please keep up the good standard you have maintained in the past.—*O. O. Davis, Humboldt County, California.*

The Sacramento and San Joaquin principal California rivers, are said to be navigable for 180 and 90 miles above their mouths respectively.

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**PRUNER POLLED HEREFORDS**

**HOME OF FAMOUS DOMINO**

A combination of potent hornless blood with descendants of Prince Domino, giving him about 60% of the blood of the noted Advanced Domino 30th. The calves coming by "Famous" are of the blocky type with lots of character and proper markings.

---

**WE EXTEND THE SEASON'S GREETINGS TO OUR RECENT PURCHASERS AND EXPRESS OUR APPRECIATION OF THEIR PATRONAGE**

E. R. Colton of Bakersfield, Calif., bought a purebred foundation of 21 head—a herd sire by King Ito 74th and 20 cows of Perfection, Letition, Spidel and Marvel breeding, all but two in call to Famous Domino.

Albert Welch of Adaven, Nevada, a user of hornless bulls in his commercial herd, selected six sons of King Ito 72d and King Ito 74th.

C. & L. Park of Dinuba and Anderson Brothers of Kingsburg, each bought sons of King Ito 72d.

Loren R. Abbott of Huntington Park (now in the Merchant Marine) bought a son of Peerless Domino B. 52d for his purebred herd.

G. W. Terry of Kingsburg got a son of Peerless Domino B. 52d for his commercial herd.

For Sale Now—Five strong service-age bulls and several yearlings of last year's crop. Ranch located 51/4 miles southwest of Kingsburg, one mile south of Elkhorn Avenue on Del Rey Avenue. A. E. Pruner, owner. Vern Pickrell in charge. Phone 145-F-11

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**PRUNER POLLED HEREFORD RANCH • P. 0. Box 315 • Kingsburg • California**
Here and There

Amos P. Sprague, now in his seventies, visited the Great Western and admired the Hereford display. He was headerman for Governor Sparks of Nevada and showed at national Hereford shows for many years, and also judged some of the shows about 40 years ago... Fred Alen is developing a real show place on his F Bar A Ranch in Smith Valley, Nev. Fences are painted white, a new show barn has been built and other improvements are contemplated as conditions permit. Some of the foundation cows were tops from the Bar 14 herd dispersion at Ellensburg, Wash. Mr. Alen paid $3,000 for the first prize senior self-bred bull, Belmont Domino 22d, bred and exhibited by Herb Chandler, Baker, Ore.

Robert A. Tippett of Aotin, Wash., now in the armed forces, writes that he finds a great similarity between Army life and "cow punchin" in that both involve a good deal of hard work. Bob has written a good many articles for the Western Livestock Journal on range operation in the Snake River country.

Twenty head of two- and three-year-old Hereford heifers were recently sold by F. A. Field & Sons of Parshall, Col., to E. J. Pike, Kirkland, Ariz. Various Field herd sires were represented.

One of the real show places in California is being developed by Thos R. Dempsey at his Palomar Angus Ranch, near Pala in San Diego County. Superintendent Ernest Reynolds is getting about 200 acres into irrigated pasture mixes and is getting the job done in a highly satisfactory manner despite labor shortages. The foundation herd of registered Angus cattle is one of the best aggregations of the popular black in the country and is headed by Great Oaks Barmar, winner of his class at the 1945 National Angus show at Chicago. The Dempseys have one of the most beautiful ranch homes in California. It is of the popular early California ranch type. The rooms are finished in pastel shades with furnishings to match. The first calves are being pushed along in a temporary show barn and show real promise.

Frank Morgan, famous moving picture and radio star, is another San Diego County Angus breeder who is developing a splendid show place in the beautiful country between Hemet and Temecula. Here again irrigated pasture mixes are being used to excellent advantage, both for the Angus and Poland-China hogs. The hog pastures and facilities are particularly well arranged with many labor saving devices. A Fairbanks-Morse feed grinder in the harvesting shed grinds ground and mixed feed directly into a self-feeder in the pork fattening pen, saving much labor. The loading chute is arranged for easy handling and is really worth seeing.

Tom Leavy is another Los Angeles man who is raising purebred stock in San Diego County at his ranch near Pala. While he has centered his program on registered Berkshires, he also has a foundation of registered Hereford females, having bought 10 of the John Runner heifers from Saratoga, Wyo., at

600 LBS. GUN PRESSURE!

FIGHT FIRES THE MODERN WAY WITH

FMC HIGH-PRESSURE FOG

You Get the Real "Blasting" Fire-Killing Fog With the FMC High-Pressure Fog Fire Fighter

In fighting fire with fog—you must have high pressure. And that's what you get with the FMC Fog Fire Fighter.

The FMC High-Pressure Pump easily delivers and maintains 800 lbs. pump pressure—better than 600 lbs. nozzle pressure.

This high pressure gives you a combination of high velocity and finely-atomized fog—just what you need to blast, cool and smother flame.

One gallon of this finely-atomized fog—properly used—has the fire-quenching possibilities of many times that of low-pressure water.

Get the facts about this new and revolutionary fire-fighting technique. Be ready to modernize the moment civilian needs can be met. Start planning—now!

H. B. SAGER — Livestock Auctioneer

Montana Type Polled Herefords means Quality and Weight for Age

Pleasing to the eye... the longer you look the better you like 'em. OUTPUT 400 per year means more and better. What an opportunity for selection—THINK!

Roberts Loan and Cattle Co. • Wm. Spidel, Pres. • Roundup, Mont.
the 1943 Great Western Livestock Show. Mr. Leavy is putting in additional irrigated pastures. Speaking of San Diego County, the Soil Conservation Service has imported some beavers to help build check dams. The little beavers do a swell job in building dams. Lee Hunt, AAA soil conservation specialist, says they are even planning to put in some willow trees for the beavers to cut down for dam construction. That's really something!

It's interesting to note that the new president of Washington State College is something of a stockman. He is Dr. W. M. Compton, noted educator, economist, scientist, timber and conservation authority and farmer. Operating a 1,500-acre farm in Virginia and a 400-acre place in Ohio, the Comptons raise Angus cattle, Hampshire sheep and Duroc hogs, and feed Hereford cattle. They have made their home in Washington, D. C., where Dr. Compton has long been secretary and manager of the National Lumber Manufacturers' Association, and more recently professor of economics at George Washington University. He becomes third president of the Washington school, replacing the beloved Dr. E. O. Holland, 70-year-old educator who asked last March that he be retired as active head of the institution.

A number of Angus breeders visited Oxbow Ranch at Prairie City, Ore., following the Pendleton sale and were high in their praise of the improvements made as Oxbow by Owner Ford Twaits and Manager Herb Ball. The corral setup is something to talk about and many other improvements have been made. The herd has been culled and the registered animals remaining are really tops.

Wm. S. Orvis reports the sale of 37 three-year-old registered Hereford heifers to I. T. Handley of Farmington, Calif., and 25 two-year-old heifers to Gust, Grey of Lodi. Manager Will Smith and Herdsman John Cooper had two pens of very attractive yearling bulls by their "Triumph" bull at the Great Western. They're really good! Maj. E. S. Pillsbury II again this year missed the Great Western because he is now with his air force unit in England or France, but Mrs. Pillsbury and Manager E. B. Rubey were on hand with a representation of KC Herefords for the Great Western show and sale.

Sherman Stock Farms of St. Helens, Ore., has a brand new feeding shed for the Herefords on the upper ranch. It is 48x60, divided into 10 pens each 12x18 with a 12-foot driveway through the center. The entire front of each pen is a gate which swings across the alleyway stockyard style. Meanwhile, the WHR heifers at the farm have been calving, much to the joy of the Shermans and Herdsman Ronnie Hein. Net results so far are two beautiful heifers by WHR Elation 3d. and WHR Flashy Monogram, respectively, and an outstanding bull calf by WHR Proud Prince 9th. This last calf is the anxiously awaited future herd sire of the Sherman herd, to follow on daughters of WHR Jupiter Domino 1424. The last of the four heifers is due to calve soon to the service of WHR Flashy Monogram. Cows from the Sherman herd have recently gone to Lester Tinkham of Hawk Springs, Wyo., and a yearling bull has been purchased by D. C. Fauver of Rosburg, Wash.
the grand on Kamara of Woodlawn, the senior yearling, while Battles took the reserve with his junior yearling, Queen of Rosemere 374th.

Aside from the great increase in black steers on exhibit, 71 head over last year, the fact that six California exhibitors were on hand with their purebreds suggests how far the breed has gone since it began showing at the Great Western. Previous report appeared in the Weekly Western Livestock Journal. Awards in detail follow:

**BREEDING CATTLE**

**ABERDEEN-ANGUS**

**Exhibitors**


**BULLS**

TWO-YEAR-OLD (2 shown)—1. Dempsey on Great Oaks Barman 2. Conway on Blackcapmere 19th.


JUNIOR CALF (5 shown)—1. Woodlawn on Black Woodlawn 11th. 2. Bradshaw on Burgess Juana Bradmar. 3. Conway on Nevada 3d. 4. Conway on General of Walnut. 5. Roe on Revolution Roe of Susannah.

CHAMPION BULL—Dempsey on Great Oaks Barman.

RESERVE CHAMPION BULL—Woodlawn on Black Woodlawn 7th.

FIVE BULLS (2 shown)—1. Woodlawn. 2. Bradshaw.

THREE BULLS (4 shown)—1 and 4. Woodlawn. 2. Bradshaw. 3. Battles.

TWO BULLS (4 shown)—1 and 4. Woodlawn. 2. Bradshaw. 3. Battles.

**FEMALES**

TWO-YEAR-OLD (1 shown)—Morgan on Harvlawn Blueberry 15th.


SUMMER YEARLING (8 shown)—1. Bradshaw on Jean McHenry Juana. 2. Battles on Pride of Rosemere 61st. 3. Woodlawn on Miss Burgess 3d of Woodlawn. 4. Conway on Queen of All Hollos 11th. 5. Conway on Quality's Blackcap Lady E. 7th. 6. Bell on Bellmere Queen 2d. 7. Conway on Vivian of Bar.


JUNIOR CALF (4 shown)—1. Woodlawn on Erica of Woodlawn. 2. Battles on Queen of Rosemere 58th. 3. Morgan on Burgess Blackbird 10th. 4. Bradshaw on Ebla Erica Juana.

CHAMPION FEMALE—Woodlawn on Karana of Woodlawn.

RESERVE CHAMPION FEMALE—Battles on Queen of Rosemere 374th.

**ABERDEEN-ANGUS BULLS**

Carload for Sale

Registered, ready-for-service bulls of good type and breeding. These are a good set of bulls that positively have not been pampered. Therefore, they are in proper growing and breeding condition—just the kind and in the flesh in which range men prefer to buy them.

**Angustorra Ranch**

J. E. Barbey

STEAMBOAT SPINGS

WILL ROSS

COLORADO
The Angus Sale

10 Top Angus average $900.00
34 Females average 443.40
52 Bulls average 421.10
52 Head average 435.70

It was a buyer's market when the Great Western Angus sale was held on Dec. 7 at Los Angeles. The top 10 head exceeded the sale of last year by $75 on the average, while the general average was $57 below last year's sale.

Woodlawn Farm was the heaviest consignor with 19 head. In this group was the sale top of $1,575, reached when Bard of Woodlawn was sold to Rudolph Mora of Cambria, Calif. Likewise the second top came out of this Illinois group—Black Effie of Woodlawn, acquired by the Oxbow Ranch at $1,500.

Otto Battles' consignment of four brought $2,925 to average $731, his top $2,925 to average $731, his top, due to illness. The top of his consignment of 10 was Blackcapmere 195th, sold to P. A. Fitzpatrick of Oakland, Ore., at $610. Frank Morgan's entry brought $625 from Mrs. S. R. Curbertson of Santa Paula, Calif.

Out of the Bradshaw consignment from Illinois, six head, came a great value in a Barbara cow with a magnificent calf at side. The pair was added to the Dempsey foundation at $950. Mrs. Kernick Smith got one of the good buys of the sale in the champion pen of heifers from Woodlawn at $320 each.

The sale was conducted by H. B. Sager of Bozeman, Mont., and was held under the auspices of the American Aberdeen-Angus Breeders' Association and the Pacific Coast Aberdeen-Angus Breeders' Association. Complete list of sales follows:

**GREAT WESTERN ABERDEEN-ANGUS SALE**

<table>
<thead>
<tr>
<th>Purchaser</th>
<th>Description</th>
<th>Price</th>
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**Consigned by**

| OTTO V. BATTLES, Yakima, Wash. | Barbarian of Rosemere 177th, bull, April 1, 1943, by Eileenmere's Kind 4th, to Fitzpatrick, $550. | $550.00 |
| Barbara of Rosemere 230th, cow, April 17, 1943, by Eileenmere 246th, to T. R. Dempsey, $850. | $850.00 |
| Price of Rosemere 607th, cow, April 10, 1943, by Barbarian of Rosemere 157th, to J. Conway, $975. | $975.00 |
| Queen of Rosemere 392d, cow, June 5, 1943, by Barbarian of Rosemere 177th, to C. M. McDowall, $350. | $350.00 |

**Consigned by**

| Bellmere Queen 23d, cow, May 4, 1943, by Bell's Glenearnock Revolution, to R. R. Smith, $260. | $260.00 |

**Consigned by**

A. D. BRADSHAW, Smithshire, Ill.

| Burgess Juana Bradmar, bull, Jan. 2, 1944, by Juana Bradmar, to Rancheria Cattle Co., $725. | $725.00 |
| Eileenmere Juana 2d, bull, Sept. 7, 1943, by Juana Bradmar, to F. S. Borrer & Son, $350. | $350.00 |
| Barbaram 1d 10th, cow, with heifer calf, June 15, 1942, by Barbara's General of Ada, to T. R. Dempsey, $950. | $950.00 |
| Earnest Erica B. 7th, cow, May 4, 1942, by Evergreen Erica's Marshall B., to J. Conway, $670. | $670.00 |
| Eileenmere Juana, cow, May 7, 1942, by Juana Burgess, to F. C. Merillon, $660. | $660.00 |
| Enchantress B. M., cow, May 1, 1942, by Bar­barian Marshall, to Robert Bell, $375. | $375.00 |

**Consigned by**

JACK CONWAY, Pacific Palisades, Calif.

| Antler of All Hollows 2d, bull, June 19, 1943, by Queenall 2d, to Montecito Corp., $975. | $975.00 |
| Blackcapmere 195th, bull, Oct. 9, 1941, by Prizeme 30th, to P. A. Fitzpatrick, $650. | $650.00 |
| Queenall 10th, bull, Aug. 15, 1942, by Prizeme 48th, to A. L. and Janet Skelton, $435. | $435.00 |
| Queenall 11th, bull, Aug. 24, 1942, by Queen­all 2d, to Duane Dillow, $215. | $215.00 |
| Queenall 11th, bull, Aug. 24, 1943, by Queen­all 2d, to Tom Phillips, $275. | $275.00 |
| Bandoller Buress 2d, cow, April 30, 1943, by Bar­ston, to Rancheria Cattle Co., $290. | $290.00 |
| Blackcap La Baresse, cow, March 8, 1943, by Juana Bradmar, to F. C. Merillon, $950. | $950.00 |

**Consigned by**

DICK MAURER, Herdsman

**STANLEY R. PIERCE & SONS**

**CRESTON, ILLINOIS**

We greatly appreciate the interest manifest in our registered ABERDEEN-ANGUS cattle exhibited at the 1944 Great Western Livestock Show at Los Angeles. We were awarded 14 firsts out of a possible 20 in a very strong show. Our winnings included Champion female on Karama of Woodlawn, Reserve Champion bull on Blackwood 7th, and first on Get of Sire.

We especially appreciate the interest displayed in Woodlawn Angus in the sale, and extend our thanks and best wishes to purchasers. A Woodlawn female, Blackcap Effie of Woodlawn, junior yearling, topped the females at $1,500, going to Oxbow Ranch, Prairie City, Ore.; and a Woodlawn bull, Bard of Woodlawn, topped the bulls at $1,575, going to Rudolph R. Mora of Cambria, who later resold the bull at a substantial profit to Ted Lynn, Moorpark, Calif.

—L. B. "TIM" PIERCE.
The Third Annual
PACIFIC COAST REGIONAL
ABERDEEN-ANGUS SHOW AND SALE

will be held
JAN. 28-29 AT MADERA, CALIF.
at the Farm Bureau Sales Yards

100 Females — 25 Bulls

Breeders of seven states are consigning choice foundation females, including bred and open heifers, suitable for adding to the better registered Angus herds, or for founding new registered herds. These females are selected as being of choice quality and modern Angus type. They offer unusual opportunity for those seeking the sort of foundation material that will produce high quality seed stock.

There will be about 25 bulls in the offering, including a number of top herd sire prospects of unusual promise, the balance suitable for farm or range use.

The cattle will be judged on Sunday; the sale takes place the following day. Watch for later announcements.

JIM GUTTRIDGE, Sale Manager, Elk Grove, Calif.

Sale sponsored jointly by . . .

American Aberdeen-Angus Breeders Association
Pacific Coast Aberdeen-Angus Association
If it is... ABERDEEN-ANGUS information you want, you are invited to write the... Pacific Coast Aberdeen-Angus Association Box 300 SELMA, CALIF.

Hacienda de Los Reyes K'S ABERDEEN-ANGUS CATTLE MRS. KEENICK SMITH, Owner J. HAROLD CARTER, Manager Phone 6F3 or 6F12 Selma, Calif.

LUCE ANGUS RANCH REGISTERED-COMMERCIAL Adjoining Farmdale School, 3 miles south of Merced. W. R. WYRE RALPH BURDETTE Route 2 Box 796 Merced, Calif.

ABERDEEN-ANGUS REGISTERED Cows — Heifers — Bulls Alpine Ranch Nancy Jane Rolph James Rolph III REDWOOD CITY, CALIF.

Mensinger Angus Purebred and commercial herd, Ranch located 1/2 miles north of town. Phone 7-6-F through Farmington. Merle Mensinger Escalon, Calif.

When You Patronize Advertisers in WESTERN LIVESTOCK JOURNAL You Enable Us to Publish A BETTER MAGAZINE

ABERDEEN-ANGUS STOCK FOR SALE Registered and Unregistered SAN JACINTO RANCH ED. BIAGGINI Cayucos San Luis Obispo Co. Calif.

calf, April 20, 1941, by Master Bell Boy, to Al and Jean Skelton, $365. Vivian of Bar, cow, May 19, 1943, by Bar Eston, to Al and Jean Skelton, $320.


Western Angus Breeders to Repeat Their Show Annually

Aberdeen-Angus breeders from Colorado, Wyoming, Kansas and New Mexico went home from their first show and sale recently held in Denver so pleased with its resounding success that it is planned to make the show an annual affair.

The entry list totaled 81 head which sold for an average of $365. The average of 71 females was $307. Top bull of the show was Beeche Michelob 22d, sired by Belleau Michelob 3rd, consigned by A. Bohlender & Sons, La Salle, Colo. His victory was a repeat of his triumph at the Colorado State Fair in August. Top female was Enchantress 2d, consigned by "Andy" Anderson of A Bar A Ranch, Encampment, Colo. Walter Ferguson, Cheyenne, Wyo., bought both ribbon winners at the top prices of $1,000 each.

Judge of the show was Lewis R. Pierce of the Pierce Bros'. Woodlawn Farm at Creston, Ill. The sale was handled by Auctioneer Roy Johnston, Belton, Mo.

How to make your water well dependable

The most satisfactory way for any livestock raiser to pump a water well is with a JENSEN Unit. It makes water cheap and dependable because we have worked to that end for 25 years.

On farms and ranches all over America water comes from wells pumped with JENSEN Units. As the years go by these owners become more enthusiastic.

If you have a well 100 feet deep or deeper, see your dealer about a JENSEN Water Well Pumping Unit. Or, if more convenient, send us his name and address and ask for illustrated literature.

JENSEN Brothers Mfg. Co.
Coffeyville, Kansas, U.S.A.
Export Office: 50 Church St., New York City

Arthur A. Anderson
Livestock Auctioneer
Let me figure on your coming sale. Wire, write or phone Lombard 6-5761
2206 25th Avenue
SAN FRANCISCO 16 CALIF.

BELLMERE ANGUS
Revolution sires on Rosemere females. Nothing for sale now. Located in the heart of the Sacramento Valley.

BELL BROS., Woodland, Calif.
At the Pacific Coast Regional Show and Sale

JAN. 28-29 at MADERA, CALIF.

we will sell

15 Bred Heifers

These good quality, registered Aberdeen-Angus heifers will be sold in groups of five uniformly good animals, all bred to ELTHERIOR 2d, first in class at the 1944 Madera Show. A good headed, well balanced herd sire with excellent Angus character who has taken his place as one of our leading herd sires.

AT THE RANCH

WE ARE OFFERING A NUMBER OF GOOD YOUNG HERD SIRE PROSPECTS AS WELL AS FEMALES UP TO CARLOAD LOTS

Inquiries are solicited

HERB BALL, Manager

WILKINS GOODRICH, Herdsman

FORD J. TWAITS CO., Owners • Prairie City, Oregon
Great Western Show Report

(Continued from page 23)

Donald for Herbert Chandler. Other herds which reached first positions were Daulton Brothers, Baca Grant, and Sun­land Ranch. Complete awards follow:

**BREEDING CATTLE**

**HEREFORDS**

**Exhibitors**


**BULLS**

**SENIOR YEARLING (4 shown)—1. Chandler on Belmont Domino 28th. 2. Sunland on Sun Stan Domino Ist. 3. Day on Prince D. Aster 17th.**


**CHAMPION BULL—Rancho Sacatal on RS Super Princeps.**

**RESERVE CHAMPION BULL—Rancho Sacatal on RS Royal Mixer.**


**FEMALES**

**TWO-YEAR-OLD—(1 shown)—Chandler on Markette 7th.**

**SENIOR YEARLING (2 shown)—1. Rancho Sacatal on RS Bovyn 40th. 2. Chandler on Miss Donald 42d.**


**SUMMER YEARLING (15 shown)—1. DeBer­


**SENIOR CALF (19 shown)—1. Bar 13 on Bar 13 Miss Mischief 5th. 2. Rancho Sacatal on RS Princess 34. 3. Daulton on Miss Jo Anne. 4. San Luis on Baca Heifers 78th. 5. Sunland on Sunland D. 14th. 6. Chandler on Miss Don­ald 85th. 7. Flounce on SV Brilliant Lady 24th. 8. Daulton on Miss Triumph Mixer 1st.**


**CHAMPION FEMALE—DeBerard & Reagor on Missie Real 77th.**

**RESERVE CHAMPION FEMALE—Chandler on Markette 7th.**


**PAIR OF CALVES (12 shown)—1. Rancho Sacatal. 2. Daulton Bros. 3. Sunland. 4. San Luis. 5. Rancho Sacatal. 6. Mountcrest.**

**CALIFORNIA BREED HEREFORDS**

**Exhibitors**

Daulton Bros., Madera, Calif.; Dwight Murphy, Rancho San Fernando Rey, Santa Bar­bara, Calif.; Pillsbury Herefords, Buellton, Calif.; Sunland Hereford Ranch, Clovis, Calif.

**BULLS CALVED IN 1943 (4 shown)—1. Dault­on on Domino Prince B. 6th. 2. Sunland on Sun­donio 6th. 3. Murphy on Rey Domino 13th. 4. Pillsbury on Pillsbury Triumph 17th.**

**HEIFERS CALVED IN 1943 (6 shown)—1. Daulton on Miss Jo Anne. 2. Sunland on Sun­donio 6th. 3. Pillsbury on Miss K C Tri­umph 17th.**

---

**The Opportunity Is Ripe—**

**MASTERPIECE 11th**

Calved April 23, 1943.

**Sire:** Masterpiece.

**Dam:** Almon by Astar's Domino 20th.

NEVER before in the Hereford History of California has the time been so opportune for Hereford advancement. But Hereford advancement means increased quality, not necessarily increased numbers. And that quality can only come through breeding.

Breeding experiments are costly. Let us help you solve that problem.

75 Bulls
25 Heifers

**WESTERN HEREFORD CATTLE CO.**

H. M. Harter
Sacramento, Calif.
The resourcefulness of Californians is legendary, and the new barn erected by T. H. Richards for his Sacramento Herefords is no exception. Made of logs and incorporating latest features for handling show cattle, every breeder on the Coast should see it.

### Visit Richards' Famous Log Barn

The resourcefulness of Californians is legendary, and the new barn erected by T. H. Richards for his Sacramento Herefords is no exception. Made of logs and incorporating latest features for handling show cattle, every breeder on the Coast should see it.

### WESTERN HEREFORD CATTLE COMPANY SALE

**NOON, TUESDAY**

**JANUARY 9, 1945**

At the T. H. Richards Famous Show Barn near Bercut-Richard Packing Company

7th & N. B St.

Sacramento, California

FRED CHANDLER, Auctioneer

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**SALE SUMMARY**

<table>
<thead>
<tr>
<th>Top Bull</th>
<th>$5,000.00</th>
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<tbody>
<tr>
<td>Top Female</td>
<td>$4,000.00</td>
</tr>
<tr>
<td>Top 10 Bulls avg.</td>
<td>$1,952.00</td>
</tr>
<tr>
<td>Top 25 Bulls avg.</td>
<td>$1,212.00</td>
</tr>
<tr>
<td>Top 10 Females avg.</td>
<td>$2,800.00</td>
</tr>
<tr>
<td>Top 25 Females avg.</td>
<td>$1,774.00</td>
</tr>
<tr>
<td>Top Pen 5 Bulls avg.</td>
<td>$955.00</td>
</tr>
<tr>
<td>Top Pen 5 Heifers avg.</td>
<td>$3,100.00</td>
</tr>
<tr>
<td>148 Bulls avg.</td>
<td>$472.20</td>
</tr>
<tr>
<td>58 Females avg.</td>
<td>$1,046.20</td>
</tr>
<tr>
<td>206 Head avg.</td>
<td>$633.80</td>
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</tbody>
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**TOP 25**

<table>
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<tr>
<th>Bull</th>
<th>$5,000.00</th>
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**TOP 25**

<table>
<thead>
<tr>
<th>Female</th>
<th>$3,500.00</th>
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When the female division had been closed out a new Los Angeles average had been reached—$1,046 per head on 58. The roster of buyers was distinguished by the number of new names, which very definitely indicate a growing interest in establishing registered breeding units.

The bull division was sold according to the same pattern as the female, starting with 25 individual bulls. The first to enter was Herbert Chandler's first prize senior yearling, Belmont Domino 22d, grandson of Mark Domino, purchased by Fred Alen of Wellington, Nev., at $3,000. Winterton Brothers of Kansas, Utah, got a Donald Dhu son out of the Chandler consignment at $750, a daughter of Advance Domino 20th having been sold earlier in the sale to Frank Geers of Pearce, Ariz., at $925.

Then 14 individuals followed before the peak of the bull sale was reached, representing many exceedingly good values. Sunland's Futurity bull, from T. L. Harper of Clovis, Calif., went to Wilbur Dennis of Ducor, Calif., at $700; Ray Cowden paid $800 for a "Boca" entry from the San Luis Valley consignment while the Curtice Hereford herd claimed two more from the same consignment at $1,650 and $850, respectively; CBQ Ranch of Fresno, Calif., sold Ray Cowden a $1,500 son of Lorena's R. Domino; DeBerard & Reagor got $1,000 for a "True Mold" bull for use in the Pollled Hereford herd of Fred Dressler, Gardnerville, Nev.; Axel Anderson of Exeter, Calif., paid the Moneerston Ranch, Hilt, Calif., $750 for a son of DH Jupiter Domino 12th, and H. W. Silvermane of Canoga Park, Calif., bought a Double Mischief bull from the Fields of Parshall, Colo.
Range Bulls Bred to Meet Your Demands

Breeding results are the final answer. We don’t buy a tractor on its paint job, nor should you buy bulls on looks alone. Check the uniformity of our range bull offering, their consistent heavy loins, deep flanks, full quarters. It takes years of “know how” breeding to produce range bulls that transmit their good points into your beef steers and future brood cows.

Ask Cowmen Who Own Our Bulls.

The Calves Tell the Story.

Buy them in the Western Hereford Cattle Company Sale
Sacramento, California, January 9, 1945

Consigned by

CBQ Ranch, Fresno, Calif.

CBQ Lorenz’s R. D. 23d, bull, March 26, 1943.
by Lorenz's R. Domino, to Cowden Livestock Co., $1,500.

CBQ R. Silver D. 18th, bull, Oct. 20, 1943, by Real Silver Domino 7th, to Florence Rock, $5,000.

CBQ Tone Domino 17th, bull, Jan. 1, 1944, by CBQ Tone Domino 22d, to D. D. Rodgers, $1,600.

Pen of three yearling bulls to J. M. Rutherford, each $450.

Pen of three bull calves to Thomas Gould, Jr., each $500.

---

Consigned by HERBERT CHANDLER, Baker, Ore.

Belmont Domino 22d, bull, Nov. 18, 1942, by Mark Domino 100th, to Fred Allen, $1,000.

Donald Dhu 3d, bull, May 5, 1943, by Donald Dhu, to Winterton Bros., $750.

Miss Advance 25th, cow, April 15, 1943, by Advance Domino 120th, to Frank Geers, $625.

Pen of three yearling bulls to Walter Brennan, each $400.

Consigned by CIRCLE M RANCH, Fresno, Calif.

Mojave Domino 11th, bull, June 19, 1943, by Mark Domino 85th, to F. J. Runkle, $245.

Miss Donald Yucca 1st, cow, April 8, 1943, by Triumph Mixer 1st, to Will Gill, $350.

Domino Prince 22d, to Albert Smith, $375.

---

Consigned by HERBERT CHANDLER, Baker, Ore.

Miss Donald Yucca 1st, cow, April 8, 1943, by Triumph Mixer 1st, to Will Gill, $350.

Domino Prince 22d, to Roy Morrison, $360.

---

Consigned by H. M. HARTER, Baker, Ore.

Real Silver Domino 7th, bull, Aug. 4, 1943, by Real Domino 4th, to Tom Richards, $3,500.

Real True Mold, bull, April 24, 1943, by Orton True Mold, to Fred Dressler, $1,000.

Mojave Domino 11th, bull, May 5, 1943, by Donald Dhu, to Winterton Bros., $750.

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When Victory is won, we'll cover with Novoxil medicines, spices, Champion Flavoring Soaps, household necessities, insecticides, livestock and poultry preparations, brushes, brooms, mops.

Post-War Jobs

After the war there'll be more of those good old McNess Farm and Home Products.

☆Sealed First-Aid and Family Medicines, spices, Champion Flavoring Extracts, food products, toiletries, soaps, household necessities, insecticides, livestock and poultry preparations, brushes, brooms, mops.

☆Right now nearly half of our production goes to the Armed Forces with the result that we have been unable to serve thousands of our old customers.

When Victory is won, we'll again be producing full time for peace and will have need for more dealers (men and women with cars) to call on and supply farmers. If you are interested in a pleasant, good-paying steady job after the war, write us for free particulars now! No previous experience necessary.

Furst-McNess Company
Established 1906
Dept. A-42
Oakland, Calif.

Curipamba Polled Herefords
J. W. MERCER
Route 1, Box 66
Gilroy, Calif.

Polled Herefords
"A Few of the Best"
JOHN E. RICE
Lodge Grass, Montana

Folmsbe & Green
Registered Polled Herefords
Bulls and Females for Sale
POMEROY, WASHINGTON


Consisted by
NORELL HEREFORDS
Colton, Colo.
Pen 5 yearling heifers to Taylor Ranch, each $400.
Pen 5 yearling heifers to Paul Greening, each $500.

Consisted by
Dwight murphy, Santa Barbara, Calif.

Rey Domino 12th, bull, Feb. 2, 1943, by WHR Edumo 1st, to A. S. Nyland, $360.

Rey Domino 14th, bull, Feb. 11, 1943, by Pueblos Domino 184th, to A. S. Nyland, $360.


Consisted by
RANCHO SACATAT, Paul Spur, Ariz.

Consisted by
HARRY & GEO. SCHILCKAU, Argonia, Kan.

Consisted by
Don Shaffer, Hutchinson, Kan.

Langdon Baroess, cow, Sept. 28, 1943, by Super Baron, to C. L. Nye, $300.

Langdon Beauty-Game War, 21, 1943, by Blocky Milchier 21d, to A. H. Karpe, $400.

Langdon Jenny, cow, May 19, 1943, by Jr. Domino 8th, to Paul Greening, $335.

Langdon Lady, May 14, 1943, by P. O. perfect 50th, to Paul Greening, $375.


Langdon Super Real, bull, April 16, 1943, by Super Baron, to R. M. Norman, $325.

Langdon Supreme, bull, Sept. 23, 1943, by Super Baron, to R. M. Norman, $345.


Langdon S. Anxiety, bull, July 15, 1943, by Super Baron, to Tejon Ranch, $300.

Langdon Tone, bull, March 13, 1943, by Royal Prince 4th, to Tejon Ranch, $380.

Langdon Real, bull, Feb. 15, 1943, by Royal Prince 29th, to H. W. Moore, $300.

Consisted by
E. L. Scott, Sun Valley Hereford Ranch, Phoenix, Ariz.
Pen of five yearling heifers to White Mountain Hereford Ranch, each $700.
Pen of three bull calves to Chase & Son, each $350.

Consisted by
STATE COLLEGE OF WASHINGTON
Pullman, Wash.
WSC Worthy Domino 12th, bull, Sept. 9, 1943, by WHR Worthy Domino 56th, to Chin­chester, $400.

Consisted by
SUNLAND HEREFORD RANCH, Clovis, Calif.

Sun Domino 6th, bull, April 10, 1943, by Brown's Domino 98th, to Elbur Dennis, $700.

Sun Domino 10th, bull, Sept. 19, 1943, by Brown's Domino 98th, to Tejon Ranch, $300.

Sun Maldo 12th, cow, Nov. 21, 1943, by Brown's Domino 98th, to Tejon Ranch, $675.

Consisted by
SAN LUIS VALLEY LAND & CATTLE CO.
Crestone, Colo.
Baca R. Domino 56th, bull, April 24, 1943, by OJR Royal Domino 10th, to Owen Cowden, $1,000.

Baca R. Domino 66th, bull, April 24, 1943, by OJR Royal Domino 10th, to Owen Cowden, $1,000.

Baca R. Domino 16th, bull, April 24, 1943, by OJR Royal Domino 10th, to Owen Cowden, $1,000.


== HOW TO TREAT LOCAL INFECTIONS ==

Common Among Livestock

WRIT FOR FREE BOOKLET

At the first sign of local infection use Novoxil* Ointment! This active colloidl sliver oxide ointment has remarkable power to penetrate living tissue due to the minute size of the particles. The dispersion of these silver oxide particles in a suitable carrier base produces sustained action against infecting organisms. Every farmer should keep a jar of Novoxil Ointment in the barn and a tube in his first aid kit.

CUTS AND OPEN WOUNDS—Cover with Novoxil Ointment. Action starts immediately. Soreness is relieved and healing promoted.

EYE INFECTIONS—Common eye infections of livestock can be successfully treated with Novoxil Ointment. Also useful in the treatment of eye injuries, ulcers and ringworm. Helps eliminate hoof-rot.

FREE BOOKLET—Remember the name—Squibb Novoxil Ointment. See your druggist. Get a trial tube or economy-size jar at once, and send direct for free instruction booklet showing the many uses of Novoxil Ointment.

Address E. R. Squibb & Sons, Dept. V.S., Veterinary and Animal Feeding Products Division, 745 Fifth Avenue, New York 22, N. Y.

SQUIBB—A NAME YOU CAN TRUST

Do YOU have breeding troubles?

Many "Shy Breeders" and inactive bulls can be helped by Rex Wheat Oil. Get it from drug store or feed dealer. Guaranteed: Your money back if you are not satisfied.

Write for FREE booklet

Violin Corporation, 15 Oak St., Monticello, Ill.

WESTERN LIVESTOCK JOURNAL
Hereford Bulls
for Sale
Three ready-for-service, balance weaners, from a new herd based largely on Carey blood from Wyoming.

See them at PALOMINE RANCH, BROWNS VALLEY, CALIF.

E. O. JELLENIK
400 Perkins St. Oakland, Calif.

Anything Is Worth
What It Can Be
Sold For
What anything can be sold for depends, more largely than you might think, upon who sells it.

FREDDIE CHANDLER
AUCTIONEER
CHARLTON, IOWA

TANKS OR TRACTORS?
BOTH! The money you invest in War Bonds buys tanks for the boys today—tractors for you tomorrow!
It was the solid old pioneer frontiersmen who built up this here Western country of ours and made it safe for younger generations to live in. These younger folks have no idea of the hardships they old folks went through in civilizing the country. Such hardy, determined old-timers like Sigmund Lindauer, who passed away a few years ago at Deming, N. M., are the sort I have reference to.

Coming to the United States from Germany, a poor immigrant boy, in 1869, he made his way west and settled at Silver City in 1872, when that section was anything but tame. It was only men with plenty of intestinal fortitude that got in there in them times, an' if they didn't have nerve they didn't remain long.

Sigmund went to work at once and by hard work and careful saving he amassed a competence, but like all them old boys he worked, and nobody ever did get ahead who wouldn't work. He engaged in the cattle and mercantile business at an early date and prospered in spite of his great generosity. He was born in Minzingen Baden, Germany, Dec. 23, 1851, near Heidelberg. At first he worked in a bank at Mannheim. He was a Carl Schurz liberal and when 16 he left for America, opposed to Junkers militarists. He became an American and ever after lived as a loyal American.

In a recent article that appeared in New Mexico Magazine, "Ghosts Walk in Georgetown," Mr. Lindauer is described by the author, Alford Roos, as the "proprietor of THE store and creditor thereof by half of Georgetown's population, who prospered in spite of his virtue. Though scarcely legible from the raviges of the elements, above the door one may see in block letters, S. Lindauer & Co." At Georgetown, Mr. Lindauer was associated in business with the late Joe Potter. He became interested in the cattle business on the Mimbres river and at Bear Mountain in the early '80s. He also owned the first saw mill on the Mimbres. A portion of the range which he used in those early days is now embraced in the famous GOS Ranch. About this same period he made the first attempt at farming in the lower Mimbres Valley, at a point a mile east of Deming. The foundation of the water reservoir may still be seen there.

Lured by reports of the discovery of diamond fields in the Burro Mountains, Mr. Lindauer in 1872 joined a party of young soldiers of fortune in Colorado and traveled afoot to Silver City. The supplies, bedding and provisions of the party were carried in a wagon drawn by ox team.

When they arrived at Silver City the diamond fields, like a mirage of the desert, had moved on into Sonoma, Mexico.

There's no sense in taking blackleg losses for granted—when one shot of Blacklegol protects for life! It's aluminum hydroxide adsorbed, acts like small repeated doses of other vaccines. For peak protection, insist on Blacklegol!
A part of the group had already departed for Texas to join Charles Goodnight. The remainder of the little band could not be tempted to pursue the phantom diamond field any further and settled in Silver City, which was then only a small mining camp. Upon their arrival in that vicinity they were provided with a military escort through Cook's Canyon. Raids by hostile Apaches then were frequent. The savages terrorized whole districts at times and emigrants and other travelers moved through the unsettled Southwest constantly in fear of attack and possibly massacre.

Mr. Lindauer remained in Silver City several years. He boarded at the home of Mrs. William Antrim, mother of William Bonney, who later became notorious as the outlaw "Billy the Kid." Mr. Lindauer knew the boy well, as he often waited at the table where the pioneers assembled for their meals.

Mr. Lindauer went to Deming in 1883, which then gave promise of becoming a large commercial center. With Ed Walters he established a general wholesale and retail store. In 1885 this establishment became the firm of Lindauer, Wormser & Co. Its trade was drawn from western New Mexico, southern Arizona and northern Chihuahua, Mexico. It maintained branches in Lake Valley, Carlsbad and Kingston. Ox teams drawing loads of ore from the Carralitos Ranch in Mexico passed through Deming, then en route to the smelter at Socorro. They returned to Mexico loaded with merchandise from the Lindauer, Wormser store.

Mr. Lindauer was awarded the beef contract for the San Carlos Indian reservation, 1884-1886. He trailed beef cattle from his ranches on the upper Mimbres and from Mexico. One of his herds was stampeded by Geronimo when the famous Indian chief went on the warpath. Sam Carpenter was associated with Mr. Lindauer in this business venture.

He was active in Grant County politics through the '80s and '90s and originated the movement which resulted in the creation of Luna County, later carved out of the southern part of Grant County. His first attempts in this campaign were futile, and cost Mr. Lindauer a sum equivalent to "a king's ransom."

After Deming declined as a wholesale distributing center, he confined his activities to mining and retail merchandising. He retired from active business in 1919, but he never lost contact with the old firm in Deming which is operated by his son, Herman. He always maintained a large farm south of Deming. Southwestern New Mexico was his home for 63 years. He saw the entire development of this section, and he never desired to live elsewhere.

He was the eldest of eight children. Two brothers followed him to New Mexico, Samuel Lindauer and Albert Lindauer. The latter, a successful stockman of Luna County, died in 1933.

He is survived by his daughter, Mrs. Ethel Lindsey of Las Vegas, N. M.; two sons, Samson A. of Los Angeles and Herman of Deming; four grandchildren, Rosemary and Helen Bowman of El Paso, Albert Sigmund and Nancy Lindauer of Deming; his brother, Samuel of Deming. A daughter, Mrs. Lilian Bowman, died in 1919.

Mr. Lindauer was one of the monumental characters and personalities of New Mexico history from its primitive beginning to the present day. His life was a success in everything that man can achieve as denoting achievement and accomplishment in this sphere and in the era of his community influence.

The greatest tribute that could be paid to him, though, was that spoken unconsciously by his son Herman when he said: "My greatest wish is that I may be as good a father to my children as he was to his." Sigmund Lindauer was truly

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"ALHYDROX" — IS THIS NEW WORD IN YOUR VOCABULARY?

It means peak protection for your livestock.
An advantage exclusive with Cutter!

YOU'LL GET "ALHYDROX" IN THESE IMPORTANT CUTTER PRODUCTS (and many others)

PELMENAL for "Shipping Fever" and "related diseases"
BLACKLEGOL for Blackleg
CHARBONOL for Anthrax

Whenever you inject an "alhydrox" vaccine into an animal, the whole shot isn't taken into the system at one time. Instead, the vaccine is held in the animal's tissues and released slowly, over a considerable period of time.

See the big advantage? With Cutter "alhydrox" you get the same, ideal protection as with small, repeated doses. It's the biggest difference between Cutter and ordinary vaccines. It's a word to look for—and remember—to help prevent disease losses!
Leader in Herbicides
CARBON BISULPHIDE
not a spray
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but the most toxic and powerful and
effective liquid chemical ever used
in Noxious Weed Control. A single
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kills the entire plant at the roots. Not
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WAR BONDS will buy: * * *
"rifle" stocks to shoot Japnazis now
—more cows for you later.

Thank You!
Buyers and Bidders of our bulls at the recent
Cal-Oregon Sale.

For Sale at the Ranch . . .
11 head of 15 months to 2-year-old bulls
40 head of weaner bull calves
15 head of weaner heifer calves

Priced for immediate sale. You can’t go wrong on these prices
and quality. Drop in and look this offering over. You’ll be pleased.

Visitors always welcome

Wixson & Crowe Hereford Ranch
MILLVILLE, CALIFORNIA
18 miles east of Redding on
Lassen-Whitmore Road

H. N. STONE, Mgr. D. L. YOCKEY, Herdsman

a pioneer Western Empire builder. He
was a keen businessman, but was always
liberal with others struggling to get
along. He helped smaller businessmen,
and many cowmen were able to pull
through hard seasons through his
friendly financial assistance. It was
through his efforts, Hagen, Senator
Hearst and Wormser during a poker
game donated $2,500 each to start the
first school in Deming a long time ago.
His son, Herman Lindauer, is carrying
on in his father’s footsteps and in the
same manner.

Chatterton Hereford Sale
Brings Average of $466

Breeders from six states bought 60
head of Herefords of Chatterton Here-
ford Cattle Co., at Billings, Mont., Sept.
30. They liked the offerings well enough
to pay $4,800 for the top bull, an aver-
age of $1,170 for the high 10 bulls, and
a total average of $466 for the 60 head
offered. The 26 bulls averaged $536, and
the 37 females, $423.

Royal Aster, sensational senior calf
at the Great Falls, Mont., show in Aug-
ust, was the cause of a two-way con-
test in bidding, between J. Manson
Campbell, Stavely, Alta., Canada, and
Archie Parkes of Great Falls, the latter
outstaying his rival and buying the bull
at $4,800. This bull has Royal ML Dom-
ino as sire. Second high was $1,000 on
Royal Canadian, by the same sire, going
to W. R. Breen, Eutaw, Ala.

In the female section, Sweet Blanch-
ard, by Canadian Domino, with heifer
calf by Royal ML Domino, drew a final
bid of $1,200; the cow to Bodine Here-
fords, Clyde Park, Mont., for $400, the
calf to Oliver Wallop, Big Horn, Wyo.,
for $800.

Feeding Value of Sweet Potato
Vines Analyzed in California

Recently the Animal Husbandry divi-
sion of the University of California, at
Davis, ran an analysis on some sweet po-
tato vines to determine their feeding
value. On an air dry basis, the vines had
a composition quite similar to that of
alfalfa hay, while on a fresh basis they
evidently have a feeding value about like
fresh beets and wet beet pulp.

Many sweet potato growers report
good results with dried sweet potato
vines, or sweet potato hay, but they warn
that both the dry and the fresh sweet
potato vines are apt to be quite laxative
and should be fed with caution.

Linehan Herefords Sold
at Dispersion Sept. 16

The A. C. Linehan Herefords, devel-
oped during the past 12 years at Genesee,
Ida., were sold in a dispersion sale held
at the Twin City Sales Yards, Lewiston,
Ida., Sept. 16. Twenty-seven head were
sold. The cattle were brought in off
summer pasture and had had no grain or
fertilizing of any kind, and averaged $156.40.

Top of the sale was the herd bull Stan-
way Domino 10th by WHR Emancipator
14th and out of Smilax Domino 4th. He
was purchased by Earl Hibbs, Pullman,
Wash., for $335. Fred Coon, Mohler, Ida.,
secured the second high for $250, Rose
Domino by Mischief Prince Domino 6th
and out of Evalina Panama.

The herd bull is five years old and is
particularly strong about the head and
rear quarters. He weighed 2010 lbs. at
the sale.
Kings River Herefords

WM. H. COLLINS
Owner

Come Where the Selection Is Largest

The KINGS RIVER HERD ranks among the largest registered units on the Pacific Coast. The selection here at this time is the most extensive we have ever offered, with quality standing at its peak in all the history of the herd. Here you can fill your needs in:

- Two-Year-Old Bulls Ready for Service.
- Weaner Bull Calves from an Excellent Crop.
- First-calf Heifers with Lusty Calves at Side.
- Select Two-Year-Old Heifers Ready to Breed.

We'll gladly show them to you

KINGS RIVER HEREFORD RANCH
(Roy Richards, Supt.) ••• Sanger ••• California
Phones: Sanger 30-F-4 and 17-F-2

December 15, 1944
TAKE steps to guard your stock the day you first see signs of predators... or you may lose a lamb, a calf, a colt that night. Make sure you have Newhouse traps on hand before killers begin to prowl about your farm or ranch. These traps are the choice of professional predator trappers. Protect your stock... order Newhouse traps through your dealer now.

No. 3 Newhouse - shown above - (for coyote). High quality triple-tested steel spring. Every trap set and tested by experts before leaving factory to be sure it is in best working condition. All these traps are equipped with kinkless non-twisting super-weld chains.

No. 4 Newhouse (for wolf). Construction similar to No. 3 Newhouse.

Other Good Traps for Coyote and Wolf

No. 3N Victor. Used extensively by the Fish and Wildlife Service.

No. 14 Oneida Jump. An extremely powerful trap. Malleable iron jaws with teeth.

ANIMAL TRAP COMPANY OF AMERICA
LITITZ, PENNSYLVANIA

BY PATRONIZING ADVERTISERS IN WESTERN LIVESTOCK JOURNAL you enable us to produce a BETTER LIVESTOCK PUBLICATION!

TEMPUS DO FUGIT. Sheila O'Brien, in an article in the Roswell (N. M.) Daily Record, dated Nov. 19 last, about my old friend Jim Hinkle, whom I first met at the C. A. Bar cattle spread on the Lower Pecos, Lincoln County, in 1888, when he arrived there with a trail herd of Longhorn cattle from Colorado City, Tex. That was a long time back and neither of us is ridin' the rough string now, but here is what the lady wrote about Jim. Quote: 'Now that a presidential election is out of the way again, Roswell's outstanding citizen, banker, ex-cow puncher, extensive investor in Chavez County enterprises, and an ex-governor who is not unacquainted with politics, finds no reason to worry over the future of the country. A one-time governor and member of the first New Mexico state senate, James Fielding Hinkle was a cowpuncher for 25 years. He came to southeastern New Mexico in 1888, when the country was open range, and no other interest existed but cattle. A small man with a slow manner and quick eyes, he sits behind a rail at the First National Bank, of which he is president, working, talking to his friends, directing ladies to the teller's cage, and being generally accessible.'

* * *

"Hinkle was a contemporary of the country's great men like J. J. Hagerman, who built a railroad through this part of the state; Capt. J. S. Lea, founder of Roswell, and many others like them. Somehow Jim Hinkle calls up a sense of these men, of the incompleteness of a country not built but building, not immobile but moving. Born and educated in Missouri, Hinkle came west when he was 21, settling at a ranch in Colorado City, Tex. That year a great many cats..."

The Buggy Shack

Did you ever chance to waken in the middle of the night? And you couldn't be mistaken, it was shore a bed bug bight. Part of them had started feedin' and the rest was walkin' round. What them varmints wasn't eatin, they was really trompin' down. Well, you found a couple matches and you got the wall lamp lit. By the time you got it lighted they had all hid out and quit. Then you stood outside the doorway fer to git a breath of air, But you soon got mighty chilly, posin' in yore underwear. So you got back into yore blankets fer to git a little sleep, But the way them bugs took to you was enough to make you weep. Bed bugs is as bad as grizzlies, so I've often heard it said. Grizzlies kill you, but them bed bugs make you wish that you was dead. You was cussin' and a-swearin' you was mad enough to fight. You could only put your clothes on and set by the stove all night. Fer you knewed they'd done and got you when they made that sneak attack, And you're nothin' but a victim when the bed bugs take the shack.

-BRUCE KISKADDON.
ECONOMY PRODUCTS & SERVICE TO STOCKMEN

HAVE STOOD THE TEST OF TIME

ECONOMY PRODUCTS were created and perfected in a wide range of items designed to be helpful for all kinds of livestock through safeguarding sanitation, maintaining health, promoting growth and stimulating characteristic functions.

ECONOMY SERVICE has made these products more vital and effective through the efforts of able representatives, familiar with livestock management problems and trained in the uses to which these products can be put for best results.

THIS ENVIOUS CONTRIBUTION to the industry is founded on the fact that ECONOMY PRODUCTS are quality products which have filled a need in livestock production, else they could not have survived the test of time.

A SUGGESTION: Those of you who have never used ECONOMY PRODUCTS can avoid experiment and begin to profit immediately through the experience of Economy users. Write for free booklets.

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Kent, Wash.

RAY BELL FEED & SEED CO.
Hemet, Calif.

At YOUR Service

The HEREFORD JOURNAL, dated Nov. 15, 1944, contained the following item about the death of that famous pioneer Texas cattleman, John M. Gist. Here is what it said:

"John M. Gist, 80 years old, pioneer Hereford breeder and veteran rancher..."
Do away with identification mix-ups, Mr. Farmer! Just lock this sensational name seal into the ears of your cows, sheep, and hogs... and prove beyond doubt that they belong to you. Already, 7,500 breeders and farmers, nation-wide, depend on the self-piercing TAMP-R-PRUF Ear Seal as the modern, permanent, fool-proof way of identifying their livestock. This sturdy, rust-proof metal seal, carrying your name and serial number, locks on in a jiffy with Security's handy Hand Sealer. Painless... humane... won't pinch, rip or tear out of the ear. Three sizes: standard for sheep and small hogs, special for calves and medium weight hogs, jumbo for cattle and large hogs. So low in price... you'll marvel at the cost. Mail coupon today for sample ear seals (specify animals)... and particulars.

**BUY MORE WAR BONDS**

**ROBINSON HEREFORDS**
Producing the popular Western Type—scale, bone and ruggedness under range conditions. Using a battery of selected sires on a herd of 600 females, all registered.

**Bulls For Sale: 50 HEAD** ready for heavy service, developed for high-class commercial range trade.

C. Ray & John Robinson, Jr.  EL CAPITAN HOTEL  MERCEDE, CALIF.

---

The famous Dandy Domino herd established by the late Chas. Rule and continued along the same lines.

**Louis T. Willig**, Jenner, Calif.

---

The Best of the Domino Bloodlines — at —

**HIDDEN VALLEY HEREFORD RANCH**
REGISTRY CALIF. CATTLE & MORGAN HORSES

---

**For TOPS in Herefords**

**Tri-County Hereford Sale**
**Thurs., Jan. 11**
**AT DOS PUEBLOS RANCH**
**GOLETA • CALIF.**

Sponsored by
**SANTA BARBARA COUNTY REGISTERED HEREFORD ASSN.**

---

I MAVERICKED THIS. It shows how different nationalities feel about their countries. I don’t know if that feiler was from Texas or not, but his remark shows a Texas flavor. Anyhow, here is what was said. Quote: "Years ago an American, an Englishman, and a German, visiting an Oriental country, were granted an audience by the local potentate. Addressing the Englishman, he said, 'I understand that you are a subject of the King of England.' The Englishman bowed and replied, 'Yes, your Highness, and I am very proud of it.' Turning to the German, he said, 'And you are a subject of the Kaiser.' Clicking his heels and bowing stiffly, the German replied, 'Yes, your Highness, and very proud!' Addressing the American, His Highness said, 'And you are a subject of the United States of America.' Whereupon the American exclaimed: 'Subject hell! I own part of the United States of America.'" Unquote.

---

of West Texas, died in a hospital at Amarillo, Tex., Nov. 11 following many months of failing health. Known far and wide among Hereford breeders and cattlemen as "Uncle John," he numbered his friends by the thousands. For many years a resident of Odessa, where his registered Hereford herd was founded in 1914, he later moved to Midland, Tex., when Odessa became the center of an oil development.

"Boys of the 4-H Clubs of Texas, many of them now leading breeders, will not forget Mr. Gist, for he took a deep interest in them and through encouragement and substantial assistance helped them along the right road. While at Odessa Mr. Gist founded the Sand Hills Hereford Show and served as its president. He was active also in the organization and conduct of the Breeder-Feeder Association and took a leading part in the affairs of the Texas Hereford Association. As a breeder and showman he was widely known. An oil portrait of Mr. Gist hangs at Texas Technological College, Lubbock, presented in 1941 by friends from all sections of the state who recognized the great work the West Texan had done in breed betterment and in the promotion of 4-H Club work in Texas.

"The Gist herd was built up through careful selection and liberal buying. In 1923 he bought from Tom Crosson, Marfa, Tex., 15 Gudgell & Simpson-bred bulls by Bright Stanway, Beau Dandy, Domino and Beau Picture. One of the larger herds of his state, Mr. Gist's also was one of the best and furnished many well-known herd sires and winners at major shows. In the 1924 Fort Worth show his bull Victor was senior and grand champion. In 1926 at the same show he had the senior and grand champion female in Lady Regulator Gist, and in 1928, also at Fort Worth, his Luella Domino was junior champion female. His showing extended over a period of more than 20 years. For a number of years Mr. Gist had been a resident of Amarillo, where his son Byron lives. Funeral services were held at Amarillo Monday, Nov. 13."

Unquote. I had known Mr. Gist for a number of years, and frequently met him at the annual meeting of the Texas Cowboy Reunion Association, which he helped organize and served as president two terms. He was a fine old cowman and loved by all who knew him.

---

* * *

In the 1924 Fort Worth show his bull Victor was senior and grand champion. Turning to the German, he said, "I understand that you are a subject of the King of England." The Englishman bowed and replied, "Yes, your Highness, and I am very proud of it." Turning to the German, he said, "And you are a subject of the Kaiser." Clicking his heels and bowing stiffly, the German replied, "Yes, your Highness, and very proud!" Addressing the American, His Highness said, "And you are a subject of the United States of America." Whereupon the American exclaimed, "Subject hell! I own part of the United States of America."

Unquote.
WASHINGTON CATTLEMEN'S COLUMN

President Carl Grief, of Unontown, managed the Shorthorn sale at Spokane Oct. 27. Tom and John Byers of Spangle, had the champion and reserve champion heifers. Director Herb Beckley, of Benge, purchased the reserve champion.

Another purebred sale was the Okanogan Hereford Breeders' Sale Oct. 16. Bob and Ray French had the champion bull, a rugged, straight lined fellow of Ferry County.

Beckley, of Benge, purchased the reserve champion heifers. Director Herb Schnebly of Ellensburg were at the Okanogan sale. They marked their catalogs carefully and came away with eight of the top bulls to help improve their herds.

Past President Bob Picken and one of the association's members with large operations, Vic Lesaniz, were there too. Walt Schrock, Bill Fancher, Fred Meyers, Buckley Bros. and others well known in the association were around. Bob Picken attributes the unusually high calf crop his cattle run out most of the winter on range, getting a little grain and high protein feed along with the cured grass.

Past President Art Hensel and Paris Tolman, Oakesdale, were at the Okanogan sale. They marked the champion and reserve champion.

The demonstration at Rogers' new dipping vat, finished an hour before the demonstration and filled with 10 minutes to spare, worked like a charm. The timer reported 398 calves through in 50 minutes. The prize idea of Rogers' new dipping vat is a trough about 12 feet long in front of the vat with about two inches of dip in it. Cattle walk through this shallow dip and off into the vat without a pause.

Spraying was demonstrated, too. It seemed slow beside the dipping, but ex-

WASHINGTON CATTLEMEN'S ASSOCIATION

Published with the Washington Meat Live Stock Association

Western Livestock Journal is the official publication of the Washington Cattlemen's Association. Communications should be addressed to the Secretary: Walter Taft, Cakesdale, Washington.

December 15, 1944

Here's How to Get a Safe Cure, Fine Flavor and Long-Keeping Quality

Get the Genuine. . . Cure the Morton Way

FIRST. . . Dissolve Morton's Tender-Quick in water to make a rich, fast-acting curing pickle. Pump this pickle into shoulders and hams along the bones. This starts the cure INSIDE—prevents bone-taint.

THEN. . . Rub with Morton's Sugar-Cure. This complete sugar curing salt strikes in from the OUTSIDE—gives a thorough cure and rich wood-smoke flavor. Morton's Tender-Quick and Sugar-Cure, used together, give results you can get in no other way.

OFF-FLAVOR in meat begins at the bone. . . hence its name, bone-taint. The safest cure, obviously, is one that likewise starts at the bone . . . that stops bone-taint before it even gets a chance to start. This is exactly what happens when you cure the Morton Way.

Morton's Tender-Quick, dissolved in water, makes a fast-acting curing pickle. Pumped into the meat along the bones, it immediately starts the cure inside.

Then, rub the outside of your hams, shoulders, and bacon with Morton's Sugar-Cure. This strikes in, curing toward the center and gives your meat a real old-fashioned smoke flavor.

The result of this two-way Morton cure—Tender-Quick working from the inside out, and Sugar-Cure from the outside in—is the best-tasting, best-keeping meat you've ever had. . . uniformly cured from rind to bone. . . no off-flavor. . . no bone-taint. . . no waste.

Year after year, more than a million farm families use this easier, simpler, positive Morton Way. You'll like it, too.

Cure Meat the Safe, Sure . . . Morton Way

First Home-Curing Book ever published, over 100 pages. . . 10¢ postpaid

More than 200 pictures, charts, diagrams—complete directions on how to butcher, cure, make sausage, Canadian Bacon, corned beef, smoked turkey, and other meat specialties. . . Write today—send 10¢ in coin.

MORTON SALT CO.
Chicago, Illinois
"CURED PINK EYE IN HERD WHEN OTHER METHODS FAILED..."

"Keeps rest of herd free from infection"... says prominent stockman. Yes, even where inoculation and other methods failed, SECURITY PINK EYE SOLUTION has arrested this dread disease in livestock... has prevented blindness.

Easily applied with spray or dropper... far more efficient than powder and salves. Safer to use when treating half wild range stock. In daily use on thousands of stock.

Sent C.O.D. anywhere.

PINK EYE SOLUTION

Yes, "knockout," nearly always, when treating half wild stock.

Order now through your dealer or send directly to

SECURITY REMEDIES CO.

144 West 27th St.
New York 1, N. Y.

For TOPS in Herefords attend

Tri-County Hereford Sale

Thurs., Jan. 11

at DOS PUEBLOS RANCH
GOLETA • CALIF.

Sponsored by

SANTA BARBARA COUNTY REGISTERED HEREFORD ASSN.

pert Laurel Smith from W.S.C. reminded the crowd most outfits won't have enough cattle to justify a vat, so spraying is second choice. The number of cattle needed to make a vat economical is estimated at 1000 and up.

Excellent lice as ranchers all are, Alan invited Fred Callahan to bring over his small purebred herd for treatment. Fred has 30 good young cows selected from Albert Hill's herd. He was smart on his bull problem—selecting a tried double Penn Randolph, sire of most of the champion pen of bulls at last year's Great Western and also sire of many of those good young cows George B. Cooke used to have near Ellensburg.

Paul Davenport, star membership salesman from Goldendale, and neighbor Ralsee waves at the Davenport demonstration. They were looking over Callahan's cattle and the good Laurence Melgaard Angus herd for 4-H show prospects for their boys.

Frank Riches, Buena, is to be host to a similar meeting soon. Frank has a good bunch of young bulls in the lot and is making all the bull sales with nice offerings.

One of Frank's neighbors, Chet Woodall of Zillah, is feeding in a big way again this fall. His lots are some of the best planned in the state. They are all well drained and spring watered. Old railway ties side by side line the bunk side so the cattle have a firm footing as they eat from bunk filled from an outside side lane. Silage helps Chet hold down his feed costs.

Art Weatherford of Ellensburg will feed some 3,000 head of very good cattle. Art knows the feeding business and is expanding his lots to handle the big numbers efficiently. Ed Schaake of Ellensburg has more cattle than ever. He has some big cattle now in good condition and some choice feeders coming on. This season Ed uses cull potatoes freely. He is feeding grain, hay, and a high protein feed.

Art knows the feeding business and is expanding his lots to handle the big numbers efficiently. Ed Schaake of Ellensburg has more cattle than ever. He has some big cattle now in good condition and some choice feeders coming on. This season Ed uses cull potatoes freely. He is feeding grain, hay, and a high protein feed.

Ranchers who are feeding some of their own cattle to raise the grade include Albert Reigh, Director Fred Magin and Director Ray Lamp of Lincoln County. Ray was host to a grading demonstration Oct. 20. These grading demonstrations are very popular. The cattlemen mark down what they think various cattle will grade, then a market man gives the grades and prices and explains the grades. Art Cagle of Extension gives the market outlook. Down in Grant County they even had carcasses of the different grades on hand, too.

Bill Reimers, Waterville, was also host to one of these grading demonstrations. He is feeding cattle to hit the top grades as usual. Bill likes wheat pasture for fattening cattle in the spring and self feeds the grain in the dry lot.

The experiment station at Prosser is again starting a cattle fattening experiment with 100 head of good yearling steers. Comparisons will be made between roughages. There will be alfalfa, grain hay and pea straw supplemented with both soybean meal and pea meal and pea hay from pea canning. Barley, dried molasses beet pulp and molasses will be the concentrates.

The district fair at Waterville was a "knockout," largely through the interest and fire of Past President Hensel. The champion calf, a Hereford shown by
pretty Harriet Biram of Badger Mountain, sold for $1 per lb. Six counties exhibited. Horse races, calf roping contest, and a nice exhibit in the open classes filled out a real program.

Douglas County Livestock Association late in October elected officers for the year. They are: President, Clyde Rigney, Delrio; vice president, Byran Thompson, Mansfield; secretary-treasurer, Lloyd Farmer, Waterville; directors, Fred Wittig, Mansfield; Bob Billingsley, Palasades; Roy Rinker, Delrio; Schiller Robins, Waterville, and Hayo Buse, Waterville.

* * *

Friendship Stock Farm Buys Polled Shorthorn Foundation

Purchase of one registered bull and eight registered heifers as breeding stock for the development of an outstanding herd of registered Polled Shorthorn cattle was recently completed by Don Hostetter, manager of the Friendship Stock Farm, Chino, Calif., for Mr. and Mrs. W. D. K. Gibson, Jr., owners.

Purchased from Lewis W. Thieman of Concordia, Mo., were Coronet Clipper, who will be used as a herd sire, and the following eight heifers, the last four being with calf: Meadow Beauty Coronita, Nonpareil Coronita 5th, Coronet's Beauty 4th, Alpine Queen of Beauty 6th, Brown Lea Vanity Queen 2nd, Coronet's Lily 5th, Alpine Mayflower Mist 10th and Alpine Ruberta 9th.

From the Lynwood Farm at Carmel, Ind., two additional females, Mayflower Maid 5th with bull calf at side, and Lynwood Daybreak 4th, were purchased for the foundation herd.

Mr. and Mrs. Gibson formerly operated a ranch at San Marcos which they sold. They purchased 10 acres located on Pine Avenue in the Chino Valley and have continued operations there under their original name, Friendship Stock Farm.

The fields are divided into 10 and 20-acre units of permanent pasture and alfalfa. Steers have been sold from a commercial herd of Shorthorn beef cattle and a number of heifers culled from the herd, leaving 24 head of good grade heifers to be used as breeding stock for commercial beef.

Besides running a commercial herd of Shorthorn beef and starting development of a registered Polled Shorthorn herd, the Friendship Stock Farm is developing some very fine Saddlebred horses and Thoroughbred hunters and jumpers under the direction of Don Hostetter, farm manager and well-known horseman.

December 15, 1944

Those who like to see good Herefords, including those who like to own them, are welcome at any time. Located on French Camp Road between Jack Tone and North Ripon Roads. Ned B. Gould, owner; Harold Sauerwein, manager; Jack Ball, herdsman.

Route 1, Box 174, Ripon, California
Grand Champion Pen of 5 Bulls
at the Great Western

Senior bull calves sired by Royal Lad 2d. In the auction sale, one bull was purchased by J Bar J Ranch, Medina, Wash., at $1500; one bull by Chas. Muny, Bishop, Calif.; and three by Taylor Ranch, Ventura, Calif., at $500 each. Our pen of 6 yearling bulls were purchased by Chas. Uhlmeyer, Bishop, Calif.; and Roy Morrison, Calabasas, Calif. We appreciate the confidence exhibited in our registered Herefords by buyers and the public.

For Sale at the Ranch . . .

30 Senior Bull Calves
of the same type, conformation and breeding as the calves which were so well received at Los Angeles. These are November and December, 1943, calves.

50 Junior Yearling Bulls
Rugged bulls with plenty of size, good bone and wonderful heads. Well grown out and ready to go to work. Sired by our top herd bulls—Golden Domino 31st, Bar 13 Jupiter Domino 8th, WHR Mascot Domino and Election Domino.

AT THE RED BLUFF SALE, Feb. 8, 9, 10—We will offer 20 senior heifer calves and 11 bulls, including two real herd sire prospects.

Horton Hereford Ranch
L. J. HORTON, Owner
RT. 2, BOX 798
KLAMATH FALLS, OREGON

SALT

Takes Little Labor—
Pays Big Dividends

SALT is essential in range livestock operations, according to F. J. Woolfolk, associate forest ecologist, Northern Rocky Mountain Forest and Range Experiment Station at Missoula, Mont. Mr. Woolfolk, in an article appearing in Hereford Journal, Oct. 1, says that a systematic program of salting has helped get better use of forage. Salt mixed with bonemeal is used when ranges are deficient in phosphorus.

The amount of salt which range cattle use varies by seasons, from one range to another, and depends upon weather, composition and condition of forage, amount of alkali in soil, quality and supply of water and the class of cattle. During a three-year drought period, range cows with calves used 0.98 lbs. salt per cow-month on an average on Jornada Experimental Range, southern New Mexico. Big steers used 2.5 and 2.1 lbs. per head per month from May to September in 1936 and 1938 on cut-over pine ranges in California. Mixed cattle, including some yearlings, used 1.6 lbs. per head per month on the same range in 1937.

It is believed that the presence of alkali in water and its minerals in plants may give cattle some saline materials so that they require less salt. Experiments indicate that the quality as well as the amount of forage has its bearing on salt consumption. In years where forage grows rank and coarse, calves weaned lighter and cows enter winter lighter.

The use of the salt-bonemeal mixture was greater in the six summer months, increasing in September and October, due, perhaps, to less forage of a quality containing needed minerals. The calves were observed eating some of the mixture during the full months before they were weaned, but the amount they used was small, and they did not take any appreciable amounts in the earlier part of the season. A heavier use was noted also by cows during dry summers. The rate per cow varied from 0.7 and 0.8 lb. in a long forage season up to 1.5 to 3.5 lbs. in a very dry season.

It seems now, based on additional data, that range cows may use more salt-bonemeal in a favorable season than during normal summers. When forage is deficient in needed nutrients and minerals, the deficiency in the animals apparently leads to reduced cattle weights.

The present need for sustained maximum production of livestock and the prevailing favorable prices provide an unusual inducement to use ample salt or salt mixed with bonemeal, where the latter is needed," concluded Mr. Woolfolk. "The slight expense and labor involved in providing ample salt on cattle range, well located to encourage uniform use of the forage, will often yield greater benefits than most any other equal effort. Because of the present demand for maximum production, with limited labor, good salting practice becomes an item of high importance in range management."

Patronize WLJ Advertisers!
The Chirikof Cattle Co. also owns a lease on Chirikof Island where the wild cattle mentioned earlier in this article still range. Cattle on Kodiak and nearby islands are fed very little, if any, during the winter. If no winter feed is provided, the number is held to the available beach rye, Elymus mollis, which furnishes the winter feed. Sid Olds and Tom Felton both provide some hay that they feed usually during March and early April.

The quality of cattle produced in these herds may be judged by the beef on the hook in the Army cooler at Kodiak in October, 1943. Those carcasses, slaughtered under Army Veterinary supervision and graded by him, were graded mostly “good.” A careful examination of these carcasses shows that yearling steer carcasses were exceptionally well covered, even though the covering over the back was not as thick as on grain fed cattle. It extended well down on the round. Even the old cow carcasses were exceptionally smoothly covered, with little tendency to patchiness. A few cow carcasses from Sitkalidak Island in a local butcher shop in Kodiak showed a similar uniform covering. These old cows had a heavier covering than the yearling steers, but it was still laid on smooth, instead of in patches.

Most of the islands to the Southwest are treeless, but the ones in the Kodiak group have some timber, especially on the north end of Kodiak Island and the islands immediately north. Future development of these islands depends quite largely on the attitude of the U. S. Fish and Wild Life Service in controlling the Kodiak bear. These islands at present are withdrawn from settlement, but may be opened up after the war.

The winter feed problem is about the same on the islands as in the Matanuska Valley, as far as hardships in curing hay
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Southeastern Alaska

The only possibility of beef cattle setups in the Southeastern section would be the grassy deltas and tide flats right on the coast. The best of these visited by the author is at Gustavus. There has been a small cattle population on this delta for a number of years. The open land in this section has been withdrawn as the Glacier National Monument. Expansion in this community could not be made until there is some understanding between the National Park Service and the Department of Agriculture as to the damage livestock might do to the glaciers.

This delta may produce year around grazing, but occasionally they have heavy snows so emergency feed ration would have to be provided. This can be cut from the native grass or seeded acreage. The rainfall along the coast is excessive, ranging from 28.85 in Skagway to 33.52 at View Cove. Emergency feed in this section would have to be either artificially dried or stored in silos.

Marketing Conditions

At the present time, the beef cattle producer any place in the Territory, except the Matanuska Valley, would have to be his own processor. In order to pass the Army inspection, the slaughterhouse would have to be approved by an Army Veterinarian. Due to difficulty of transportation at the present time, it would be impractical to ship cattle alive to any central place for slaughtering. The only exception to this would be cattle ranches located adjacent to the Alaska Railroad.

Any citizen, 21 years of age, is entitled to file on a homestead of 160 acres in Alaska. After filing he must establish residence within six months.

The old system of going into the cattle business with a start of a good cayuse or a long rope is hardly practical in the Territory because the cattle are not here and there are no big operators upon whom the cattle rustler might prey. That kind of business is just not done in Alaska.

It took a hardy type of men with tough cayuses to establish the cattle business in the West. Those that develop a cattle business in Alaska will have to be just as hardy and a little bit more willing to fight the elements and they can't do all their work on horseback. Alaska is no place for the parasite. Each individual is measured by his own ability. Only the vigorous survive, and this applies to both man and beast.
Livestock Markets

(Continued from page 21)

of a carload of light Brahman-type bulls at $11.75 late in the period.

Calf supplies were fairly liberal throughout the month and the market, while extremely variable, showed a generally stronger tone, compared with closing days of October. A spread of $12.50 to $14 took most of the medium to good veals and heavy slaughter calves, with odd loads up to $14.25 to $14.50. Common calves sold down to $9, with cuils as low as $5 to $6. Feeder buyers took some of the heavier medium fleshed calves, selling up to $12.50 or better.

Feeder Prices Advance

Widespread rains early in November, reviving grass over Southern California, put a keen edge to the stocker and feeder market. Sharply increased demand for replacement stock carried prices 50c to $1 higher than in closing days of October with sales of larger volume than for any like period in recent years. Good fleshy feeders ranged $12.75 to $13.75, while selective kinds of yearlings sold at $12 to $13.25, with numerous sales of medium to good stockers at $10.50 to $11.75. A few stock calves ranged up to $13, but $11.50 to $12.50 took most of the calves getting stocker attention. Good feeding heifers ranged $10 to $11.10 and a good many stock and feeding cows changed hands during the month in a range of $6.50 to $8.

Hogs

The month’s hog market was characterized by some unevenness. Receipts at eastern markets showed seasonal expansion but were well under corresponding period a year ago when the run was well above normal proportions as a sequence of the heavy spring farrowing of pigs. At Los Angeles, however, supplies continued very light.

Following the usual procedure with the opening of the fall and winter packing season and some enlargement in visible supplies, packers launched a drive for lower hog prices. Eastern markets bore the brunt of the attack. West Coast markets failed to show much weakness, in view of the small numbers of hogs received. However, they did not escape scot free. On Nov. 27 buyers succeeded in easing the price basis at Los Angeles 25c to 25c and for the first time since July 20, last, top dropped under the long held ceiling basis, $15.75. The high point on that session was $15.60, but three days later the summit was back to $15.70, or within a nickel of the old top base. On the other hand, the closing top at Chicago was $14, or 75c below the ceiling there, and the Kansas City top $14, against their $14.50 ceiling.

Heavy butchers, 270 lbs. and above, held largely in the $15 ceiling groove at Los Angeles, while packing sows fluctuated mildly in a range of $14.25 to $14.75. One of the features of the hog trade for the month was the widespread demand for feeder pigs. Closing the previous month on a $15 to $15.75 basis, prices on good pigs advanced to a season’s high of $17 towards mid-month. Some vaccinated pigs, in fact, sold up to $18 a cwt., but were not representative transactions. Payment of such prices for feeding pigs evidences a healthy interest in pork production in Southern California, particularly in the Los Angeles area.

Sheep and Lambs

Scant supplies of sheep and lambs were available on the Los Angeles market during the month. Medium to good lambs sold at $13.25 to $14, with choice woolled classes quoted to $14.50 in late rounds, or 50c higher than in closing period a month earlier. Scattered sales of fat ewes ranged $4.50 to $5.15, with choice ewes quoted to $5.50, unchanged from a month ago. Both lambs and aged mutton are selling in about the same notches as a year ago.

According to U. S. Department of Agriculture, the number of lambs to be fed during the winter of 1944-45 is indicated to be somewhat smaller than the number fed a year earlier, despite a greater abundance of feed.

The 1944 lamb crop in the western states, which furnish nearly all of the lambs for feeding, was about 1,000,000 smaller than in 1945, while the number going into slaughter channels was slightly larger, thus cutting into stocks available for feedlots. The total production of lambs in 1944 was estimated at 5½% smaller than 1943 and the smallest since 1935.

Stockyards slang: “Hatrack”—a thin animal; “longfeds”—cattle fed six months or more; “mulies”—hornless cattle; "crips"—lame animals, unable to walk; "dogies"—small cattle, usually mixed breeds.

BEAU DOMINO 32nd

My herd of Registered Herefords was founded upon selections from the famous Curtice Herefords, Stevensville, Mont.

J. LeRoy Chase Rt. 2, Springfield, Oregon

December 15, 1944
**Raise heavier beef with the same care & feed by introducing strong new shorthorn blood into your herd.** Remember, you sell beef by the pound.

**CORY FARMS**
- The SHORTHORN Capital of Arizona
- Prescott, Arizona

**YOUNG BULLS AND HEIFERS NOW FOR SALE**

**DIAMOND S RANCH**

**SHORTHORNS in SERVICE**

**ROBLE COMMANDER**, son of Princeton Leader, and a full brother to Roble Major.

A small select herd. The demand keeps the bull supply down to mere calves.

**GEO. H. SAWYER**
Waterford, Stanislaus Co., California

---

**SHORTHORNS**

**Two Top Bulls From Chicago Sale Come to West Coast**

The two top bulls sold Dec. 5 in Chicago at the greatest International Shorthorn Congress sale in history have come to the West Coast.

Such was the important news of the Shorthorn breed this month—presaging a great stimulus for Shorthorn development in the Pacific states.

The International Congress sale saw 161 bulls and females go through the sales ring for an average of $916. Top 20 bulls averaged $2,077.50. Top 20 females averaged $1,785.

Grand champion and top selling bull of the show and sale respectively was bred and shown by Edellyn Farms, Wilson, Ill., and sold to Byron Hawes of Pullman, Wash., for $6,750.

Second highest bull of the sale also came west—to the well known Annadel Farms of Santa Rosa, Calif. He was the imported Millhill's Don Alberto and he brought $5,500.

Top female was Leveeldale Patience, first daughter of Divide Patience 51st. International grand champion female. She was bred by Mathers Bros., Mason City, Ill., and sold to Merryvale Farm at Grandview, Mo.

**Packard President Buys Texas Polled Herefords**

Combining motor car production with beef production, George T. Christopher, president of the Packard Motor Car Co., recently purchased the $1,000 two-year-old bull Advanced Domino 102d and 40 head of registered Polled Hereford yearling heifers from the ranch of Johnson Bros., at Jacksboro, Tex.

Advance Domino 102d and some of the heifers were sired by the famous 13-year-old Advanced Domino, now heading the breeding bull battery on the Johnson ranches.

Mr. Christopher has operated the 435-acre Maple Leaf Farm, near Dayton, Ohio, since 1924. His farm annually produces 12,000 bushels of corn and abundant yields of oats, barley, hay and silage, all of which are fed out to several hundred head of beef cattle.

**Keeps Pin Map of Polled Hereford Customers**

Herman Nordby, Lewiston Polled Hereford Ranch at Lewiston, Ida., keeps a map in his office and by means of colored pins marks the location of all his customers. This map shows that his sales have been distributed throughout Idaho, Washington, Oregon and California. He attributes much of his business to the advertisements he carries in Western Livestock Journal.

Recent sales are reported as follows:

Two heifers to LaVerne Herzel, along with a bull calf which is regarded as a herd bull prospect; one bull to Horick Bros., both of these sales to the state of Washington. Two recent sales were made in Idaho, a cow with heifer calf to Cato L. Herbert, and a bull to Sam Alm. A heifer (mail order) has gone to Roy Newport of Oregon.

---

**Sanborn Polled Herefords**

**BULLS FOR SALE**

Twenty-five of service age, up to 30 months, also weaner bull calves. These are regarded the best developed bulls we have ever offered. Priced $250 and up.

**FE MALES, TOO**

The herd has grown to the point where some cows and heifers can be sold. Twenty-five are available. Inspection invited.

**Homer L. Sanborn**

**MERIDIAN CALIFORNIA**
A CHRONICLE OF
EARLY DAY RANCHING

You Get Speed and Efficiency In
CUT AND FILL WORK

with an
Eversman Automatic Land Leveler

Only the Eversman gives you AUTOMATIC ACTION. Thus a light weight tractor does twice the work, and better work than ordinary floats or drags which require two or three times the power. The automatic crank axe of the Eversman multiplies the power of forward motion plus weight, giving tremendous power for cut and fill work with surprisingly light draft. When the machine goes on to a high place the dirt is cut with a long blade without loss of speed, is carried as a live load and is automatically spread in the low places. The machine mulches the soil, breaks clods, smooths the surface and forms a good seed bed as the leveler moves along.

The Eversman also has the exclusive patented power lift dirt moving feature, controlled from the tractor seat. The machine gathers a load on unplowed ground—moves fast on rubber tired wheels—releases a load automatically and levels the surface, or you can dump a load from tractor seat.

The efficiency of the machine in getting a superior leveling job done at low labor cost—the savings of time and labor in irrigating, plus increased crop yields—all point the way to the use of this proven automatic machine. For further details and complete description of all Eversman models mail coupon today.

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Fred Reppert

Livestock Auctioneer

Write or wire me about your next sale.

President of Reppert School of Auctioneering

Box WJ, Decatur, Indiana

Andrew Joughin

Registered Herefords

Range Raised Bulls

Arroyo Grande — CA

Polled Shorthorns

Largest Herd of Polled Shorthorn Cattle in the West.

Bulls for Sale at All Times

J. W. Bennett

Winona Washington

Arthur W. Thompson

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SAVE BEEF, MILK, LEATHER
destroy
Cattle Grub
(Also known as Ox Warble, Heel Fly, Wolves and Godflies)

This destructive pest MUST be controlled. 
Losses it causes in beef, milk and leather MUST be stopped.

A practical and economical treatment is spraying or scrubbing with "ORTHO" R-S POWDER No. 25-34. This treatment destroys Grubs in the heaps. Killed Grubs won't develop into Heel Flies. Plan to start treating within 20 days after Grubs first appear in back. 

Write at once for "Cattle Grub" folder which describes the habits of the pest and shows how to destroy it. 
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"The ORTHO Company"
Richmond, California
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ORTHO
R-S POWDER
No. 25-34
DESTROYS CATTLE GRUB
Sold by "ORTHO" Dealers

Mountcrest Ranch
Where Rugged Prince Domino and Herefords are Raised.
Hilt, California

LIKE MONEY IN THE
BANK

Don't get caught short in an emergency. Your money in War Bonds will help you meet unexpected sickness, crop failures, etc. Buy Bonds

Lewiston
Polled Hereford Ranch
ADVANCE TYPE "POLLED" HEREFORDS FOR SALE
Herman Nordby & Son, Lewiston, Idaho

extreme northeastern section of the state. It is certain that in gathering them vast numbers were left behind, and old timers will point out to you flourishing sunrady present-day cattle outfits that came into existence unaccountably about that period. But the record has been ship

ing north a number of herds, and today, 60 years after its start in Arizona, the WS outfit owns a fine ranch on the Ponil Creek, a short way from the town of Cimarron, where they grow plenty of feed and maintain a carefully bred herd of Hereford range cattle; and where Capt. French ended a stirring career peacefully curing for his beautiful irrigated garden.

It is pleasant to record that the Mount

tague Stevens ranching business has re


mained in active operation until a very few years ago. At that time his son, George, to whom he had turned over everything, disposed of the extensive ranching and sawmill interests and took a position in the State Land Office, where he is head of the Timber department. As for Montague himself—now, like this

writer, "not so young"—he resides with his wife in Albuquerque, living life anew in the pugilistic triumphs of his grand

son, George Montague, who at the age of 16 is amateur lightweight boxing cham

pion of the Southwest.

Quality Herefords Please at Dallas Show

With quality running far down the line in every class and a big crowd in attendance, the work of Judge Pablo Risso of Montevideo, Uruguay, in the Greater Pan-American Hereford Exposition, recently held at Dallas, Texas, was marked by keen competition with the winners coming from five herds in five different states.

Top bull of the show and first out in the aged bull class was Pontotoc Tone, three-year-old son of IIT Tone, from Turner Ranch, Sulphur, Oklahoma. Reserve champion bull was WHR Proud Mixer, 15th, son of WHR Princes Mixer, a splendid Wyoming Hereford Ranch entry competing in the two-year-old class.

RS Domino Royal 25th by Royal Domino 5th, from Rancho Sacatal, Paul Spur, Ariz., walked off with the blue ribbon in the senior yearling class. Other winners in the remaining bull classes were: Junior yearlings, Milky Way Farms, Pulaski, Tenn., on MW Larry Domino 30th by Larry Domino 50th; summer yearlings, G. P. Mitcham, Cisco, Tex., on Don Ax
tell 826th by Don Axtell 473; senior calves, Rancho Sacatal on RS Super Princes by WHR Double Princes, and junior calves, Wyoming Hereford Ranch on WHR Cavalier 41st by WHR Flashy Denim Monogram.

The sirloin of beef is said to have been named by King Charles II who, after eating a slice of beef loin, said: "For its merit I will knight it, and henceforth it shall be called Sir Loin."

He: "What did you say your age was?"
She: "I didn't say, but I've just reached twenty-one."

Approximately three-fourths of the land in the United States is used for agriculture.

SUBSCRIBERS ATTENTION
The movement of troops and great amount of war materials is naturally slowing the mails. Western Livestock Journal, like other publications, is trying hard to keep its mailing service up to par so please overlook any occasional delay. However, if the newspaper or magazine seems to be perpetually late, please drop us a line and tell us the details, for the delay may be from a cause which we can correct.

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- Boys sizes made of Denim
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- Scratch-Proof Hip Pockets!

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- Branding Marked, Scratch Proof
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BREEDERS SUPPLY CO.
Council Bluffs
Iowa
Storms which swept the Pacific Coast last month from San Diego County to Monterey County left a trail of damage in their wake and growers of lima beans, which were still unharvested, suffered considerably less. However, the situation has brightened somewhat as the result of tests just concluded at the California Experiment Station which indicate that culled beans, properly prepared, will put weight on hogs and materially reduce the ration of rolled barley and tankage ordinarily used in the feeding.

The beans used in the trials were obtained from Ventura County. They were probably better than the average available for feeding purposes; however, there were many cracked and damaged beans and some dirt in those used.

The results given in the table are the average of at least two experiments, except for lot 2, which were fed raw ground beans as a part of their ration. The pigs were fed an average of 90 to 100 days. Some significant facts are brought out in this table. Those pigs fed cooked or steamed beans did as well or better than those fed a supplemented barley ration, while those fed raw ground beans (lot 2) did poorly. They gained more slowly and required much more feed for their gains than any other group. The reader may wonder why the pigs in lot 3 gained more slowly than those in lot 4. A part of the answer lies in the fact that they weighed 20 lbs. less when the experiments began. They required less feed for their gains than for those in lot 4. This was probably due to the fact that there were lighter pigs at the beginning of the tests. It is our opinion that beans steamed for 30 minutes, dried and ground have as much value as cooked beans and if equipment is available the labor costs are less. The results also indicate that cooked or steamed beans fed at a 30% level with barley and other supplements provide an excellent diet for growing and fattening pigs. In addition, they provided additional protein so that only 2.5% tankage was necessary to obtain results as good as a barley ration supplemented with 7.5% tankage. Upon completion of the trials the hogs were slaughtered and the carcasses examined. They were very good and compared favorably with the carcasses of hogs fed barley and tankage (lot 1).

The photograph shows the equipment used in cooking and steaming the beans. This container had a false bottom about an inch above the true floor, to pass up through the beans. This container had a false bottom about an inch above the true floor, to pass up through the beans.

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The photograph shows the equipment used in cooking and steaming the beans. This container had a false bottom about an inch above the true bottom, which was perforated with a large number of holes to allow the steam, which was released about an inch above the true floor, to pass up through the beans. The container was large enough to process a sack of beans at one time.

In the case of the cooked beans, they were handled as follows: They were soaked over night, put into the container and steamed for about 30 minutes, then

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<tr>
<td>Lot No. 1</td>
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</tr>
<tr>
<td>Rolled barley</td>
<td>95.5</td>
<td>75.4</td>
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<tr>
<td>Alfalfa meal</td>
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</tr>
<tr>
<td>Oyster shell flour</td>
<td>1.0</td>
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<tr>
<td>Lot No. 2</td>
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<td></td>
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<tr>
<td>Rolled barley</td>
<td>90.5</td>
<td>66.0</td>
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<tr>
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<tr>
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<tr>
<td>Salt</td>
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<tr>
<td>Oyster shell flour</td>
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<tr>
<td>Lot No. 3</td>
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<td>59.2</td>
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<tr>
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<td>Tankage</td>
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<td>Salt</td>
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<tr>
<td>Oyster shell flour</td>
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<tr>
<td>Lot No. 4</td>
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<tr>
<td>Alfalfa meal</td>
<td>5.0</td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td>Tankage</td>
<td>2.5</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Steamed beans</td>
<td>30.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Salt</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oyster shell flour</td>
<td>1.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Above, grand champion pen of barrows over all breeds at the Pacific International Livestock Show in Portland, Ore., Oct. 11-13. They are Chester Whites from the Washington State College herd, with Hans Birkhofer, college herdsman, standing behind them. Born in service to the herd are a junior yearling by Moor's Attraction 2d, 1943 Wisconsin grand champion, and a junior pig, grandson of the great Indiana boar, Happy Medium. Six of the college sows this year qualified in Chester White Record of Performance.
California All-Breed Swine Sale
at Stockton, Saturday, Feb. 17

40 Bred Gilts . . . 15 Boars
Offering California swine men an opportunity to secure top bloodlines in any of the popular breeds. The sale will be held on the San Joaquin County Fairgrounds at Stockton.

Breeders, Attention: ENTRIES CLOSE DECEMBER 28
For further information and catalogues, write CLARENCE DUDLEY, Rt. 1, Box 180, Riverside, Calif., or JAMES THORP, Secretary California Swine Breeders Association, Locke ford, Calif.

CALIFORNIA SWINE BREEDERS' ASSOCIATION

HAMPShIRES
MORE MEAT . . . LESS LARD
Nationally Popular among producers because of that extra pig per litter, which means more pork per sow unit; Rustling Ability, which means economical growth; Meat Type Leadership, which means a highly favorable dressing percentage due to a larger percentage of meat to fat.

Get a Copy of the California Hampshire Swine Directory. There may be a good herd near you. Join the Association to derive benefits from its leadership. February 24 is the date of the next state sale sponsored by the Association; place, Tulare.

On all matters write J. G. McMillan, Sec'y.
624 South Tulare Street, Tulare, California

CALIFORNIA HAMPShIRE BREEDERS' ASSOCIATION

BY PATRONIZING ADVERTISERS IN WESTERN LIVESTOCK JOURNAL you enable us to produce a BETTER LIVESTOCK PUBLICATION!

California Poland-China Breeders' Association
Formed to soundly promote the breed which is rapidly growing in popularity. Rolla Bishop, Porterville, president. . . For information about the breed, write the secretary—
WM. D. CRINKLAW
KING CITY, CALIFORNIA

HEREFORD HOGS
Dream Rose Lady—Junior Champion Sow and First Prize Senior Show Pig—National Hereford Swine Show 1944. Boars and Gilts—All Pure Bred and Championship Bloodlines Only.
D. R. HOAK
P.O. BOX 108 FREMONT, CALIF.
"THE HOME OF CHAMPIONS"

allowed to self-cook for several hours. They were then taken out, cooled and fed. Enough beans were cooked for one day's feeding.

When the beans were steamed the following method was used: The dry beans were placed in the container and steamed for 30 minutes, then removed and dried. Two methods of drying were used. In one instance they were spread out on a concrete platform and air dried. The other method employed was to put them in a mechanical drier and dry at a temperature of 80 degrees C. There was no difference in the feeding value of the beans in either case. After the beans were thoroughly dried they were coarsely ground in a hammer mill and fed.

Danger of Hog Cholera
Epidemic is Stressed
Various reports of the decrease in pigs produced in 1944 run from 28% to 34%, while the decrease in the use of anti-hog cholera serum is even greater. Through hog producers have not had the dreaded cholera losses of some years, but there is an ever present danger of a cholera epidemic that will further lower our prospective pork supply.

The shortage of farm labor and the comparative freedom from cholera outbreaks in recent months are reasons given for fewer hog herds being vaccinated. However, too often in the past, cholera spread quickly following a period of comparative quiet. Only vaccination for prevention of cholera can safeguard our hog population. Experienced hogmen call it insurance and the only safe way to guard against loss.

The absence of cholera in the community may well lead to a false sense of security. For a small investment pigs can be immunized to protect against cholera for life. Manufacturers report an adequate supply of anti-hog-cholera serum and hog-cholera virus on hand. Treatments for prevention of cholera can safeguard our hog population. Experienced hogmen call it insurance and the only safe way to guard against loss.

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Third Shipment to Mexico!

On their way to Mexico City in Old Mexico is this third carload of Registered Durocs from Dudley-Parker River Ranch—an example of the way our Durocs make friends and repeat customers both inside and outside the borders of the U. S. A. These 30 bred gilts and one boar are the third draft of River Ranch Durocs to go to Jose A. Escandon of Mexico City. They were accompanied by Clarence Dudley. Over 200 head of breeding stock have been shipped to breeders in the United States, Mexico and the Hawaiian Islands by us this year!

Build for the future by buying good Durocs TODAY!

"The two gilts purchased in the All-Breed Sale raised 17 pigs."
—O. K. FLAUGH
Turlock, Calif.

"The gilt we purchased in the Duroc Congress Sale from your herd farrowed 13 pigs."
—H. E. WOOD
Pine Bluff, Ark.

DUDLEY-PARKER RIVER RANCH

Phone Corona, 8740-J-2
Rt. 1, Box 180...RIVERSIDE, CALIF.
Pasture for Fattening Pigs

By DR. E. J. WARWICK
Department of Animal Husbandry
State College of Washington

Pasture has again proved its worth for growing fattening pigs. In trials conducted by the animal husbandry department, State College of Washington, during the past summer, a pasture fed group of pigs gained an average of 1.52 lbs. per day during a 110-day feeding period. This compared with an average daily gain of 1.38 lbs. per day made by a group of pigs in dry-lot fed a ration which was similar, except for the inclusion of 15% ground alfalfa hay.

It has been generally recognized that pasture supplies protein of high quality, and that feeding hogs on pasture will result in a saving of protein supplements. Typical of experimental results on this point, were those from the State College of Washington last year in which pasture resulted in a saving of more than 40% of the protein supplement required when supplements were fed free choice with grain.

In addition to feed which it saves, there are many indications that the high quality of protein and the many vitamins and minerals contained in green pasture forage result in faster gains and greater thrift in pasture fed hogs. This is particularly true when protein supplements of plant origin are used to balance the rations. To test this point, pigs on this experiment were fed mixed rations with the same total protein content on pasture and in dry-lot. Both rations were supplemented with protein supplements of plant origin—soybean oil meal and cull peas. Since it is now commonly recommended that hogs fed in dry-lot receive ground alfalfa hay in their rations, 15% of high quality alfalfa was included in the dry-lot ration.

It can thus be seen that this experiment was designed to make as severe a test as possible of the value of pasture for pigs being fed protein supplements of plant origin. Since both lots of pigs were fed rations containing the same amount of total protein, no saving of protein supplement was possible. A second factor making this test severe was the inclusion of 15% ground alfalfa hay in the dry-lot ration. This should supply many of the vitamins and minerals provided by pasture, and the proteins of alfalfa may also be of relatively high quality.

**TABLE I.**

<table>
<thead>
<tr>
<th>Lot</th>
<th>Dry Lot (Pasture)</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. Pigs</td>
<td>12</td>
</tr>
<tr>
<td>Days on feed</td>
<td>110</td>
</tr>
<tr>
<td>Average final wt. (lbs.)</td>
<td>261</td>
</tr>
<tr>
<td>Average daily gain (lbs.)</td>
<td>1.38</td>
</tr>
<tr>
<td>Feed consumption (lbs.)</td>
<td>6.02</td>
</tr>
<tr>
<td>Feed consumed per cwt. gain (lbs.)</td>
<td>436</td>
</tr>
</tbody>
</table>

As shown in Table I, pasture fed hogs gained more rapidly, and under farm conditions 10 days or more would have been saved in getting them to market. In addition, the pasture fed lot carried noticeably more finish at the end of the feeding period.
It should be noted, however, that the dry-lot ration containing 35% ground alfalfa hay was reasonably efficient. Thus, it appears that winter hog rations can profitably contain this much ground alfalfa, especially when very little or no animal protein is included in the ration. It should be emphasized that green, leafy alfalfa hay must be used for satisfactory results.

**SWINE TEST**

**U.S.D.A. Developing Way to Production-Test Herds**

The test is simple. From each litter of pigs four are chosen for feeding under standard conditions. Each pig has a chance to eat his fill of a good standard ration. The feed is weighed to each family and hogs are slaughtered at a weight of 225 lbs. It is simple to calculate cash costs of the feed and cost per cwt. of pork produced. The brothers and sisters of test pigs are retained while the test makes best records in tests are kept as breeders.

In 1943, the bureau reports, all pigs on test were from more promising families in the herd. In spite of this, tests showed differences in feeding economy of nearly one-fifth (19.4%). The most efficient of these relatively desirable pigs had to have 394.7 lbs. to gain 100 lbs. This meant a difference of about $5 a pig in feeding costs.

The B.A.I., considers a promising development lies in the elimination of ‘boarders’ and concentration of the blood lines of the more efficient strains."

**Buy**

**CRINKLAW POLANDS**

- Young boars, bred and open gilts and weaned pigs always for sale. Gilts now in offer are daughters of “Yankee Boy”, “Golden Flash” and Royal Glory (above). Bred to same boars. Special offer: a boar of service age, son of “Golden Flash” and Omaha Queen. He is out of my best 1944 spring litter. Visitors welcome. Your inquiries invited.

**Hereford HOGS**

**WHITE OAK HAMPS**

**ROLLA BISHOP • Porterville, California**

- On To Glory...
- New Junior Sire at Monache
- Son of Royal Purple and a Golden Glory-Pioneer dam.
- This pig is definitely a happy medium between the two extremes in type.

Six bred gilts have been sold to R. A. Shuey of Oakland, Calif., for his daughter and son-in-law, now in the service. These are to be added to the herd resulting from previous Monache purchases on the ranch at Williams. In breeding these gilts are Royal Purples and Constellations, out of Golden Glory dams. Most of them have been bred to On to Glory. As younger gilts they were of the same stamp as those in the adjacent illustration.

- Fall pigs for sale

December 15, 1944
Top Pal, like all McCalla hogs, gets Calf Manna every day

Nearly 5-years old he is as active as a yearling. He sired Portage Barbara Ann, the gilt that sold for $1000 (highest price paid for a Chester White sow in 21 years) and he has a show record equalled by few.

Chas. McCalla & Sons have bred great hogs for years and have been feeding Calf Manna to their hogs for years. You, too, can benefit from feeding Calf Manna. "So Little Does So Much"!

Calf Manna is sold by most Feed Dealers. If your dealer does not handle it, write to nearest address in coupon.

FREE BOOKLET: Feeding Calf Manna to Pigs
For your free copy of this revealing booklet, simply mail this coupon to:

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Carnation Bldg.,
Oconomowoc, Wisc.

Name ____________________________
Address ____________________________
City ____________________________ State

OUR PATTERN BLOOD

OUR PATTERN is leading the Hampshire parade in California...He was selected as the Best Type Mature Boar and a son the Best Type Junior Boar at the California Hampshire Breeders Type Conference of 1944.

In addition to his own modern conformation he is proving himself a great breeding boar, siring both gilts and boars with equal uniformity.

Weanling boar pigs by Our Pattern for sale. Everything else sold down to fall pigs, except those held in reservation for the All-Breed Sale at Stockton, February 17, and the State Hampshire Sale at Tulare, February 24.

WILLIAM SILVEIRA . . . TULARE . . . CALIFORNIA

Watch Out for MANGE

If your pigs are healthy and happy now, you're probably looking forward to the time when they will be nice, big hogs going to market. But the mange mite can get them if you don't watch out! Right now is the time to fight mange, so that you'll have firm, well-finished animals. When it comes to your hog profits, preventive measures used in the fall and winter months are worth more than all the treatment you can give in the spring.

Mange is caused by tiny parasites, called mange mites, that burrow into the skin of hogs and hatch their eggs there. One way to fight this mange mite is by occasionally oiling the skin of your animals. Oil dips, preferably crude oils, are most effective, but in cold weather oil can be applied as a spray or with a long-handled, stiff brush.

To be sure that the mange mite doesn't get started in your herd, bring in only healthy stock. Before putting new hogs in with the rest, keep them apart for careful inspection. Breed sows should be carefully examined for skin troubles three or four weeks before farrowing. If there is any trace of mange, they should be treated to keep the suckling pigs from getting it.

Along with these measures it's a good idea to keep houses and rubbing places clean and disinfected and to avoid overcrowding the hog houses. Part of your fight against the mange mite is always being on the alert for him to make his appearance. The minute there's a sign of it in any of your animals, start treatment!

Esger & Williams Poland Chinas Sell Well

Excellent demand throughout southern Oregon for both boars and bred gilts is reported from the Esger & Williams Poland herd of Cave Junction, Ore.

John Smith of Bridgeview has recently secured a boar by Pride O' Glory. Bernie Sharp of Holland has taken a boar by Golden Glory. Gilbert Hildebrand of Ashland has selected a Pride O' Glory boar, while the grand old sire, Pride O' Glory, himself, has gone to the herd of W. E. Thompson & Son of Gold Hill, Pride O' Glory has left some wonderful animals in the Esger & Williams herd and is of an age to breed on and enrich the Thompson herd.

Pride O' Glory gilts have recently gone to Miss Charlene Walton of Bridgeview, Al Himbre of Cave Junction, Loren McIrvin of Holland, and Miss Alfreda Vahrenwald of Holland.

The capital stock of a nation is its soil resource. No business can stand a continuing drain on its capital; likewise no nation can endure long excessive drains on its capital resources.—Marvin Jones, War Food Administrator.
**SAMPLE HAMPS**

A Special Offer on Gilts

No boars to sell at this time, but we have 30 head of gilts, some registered, others without papers, some open, others bred to our staff of sires, including Blue Boy Cal, He Rolls 'Em, Recovery, News Boy, etc. Bangs tested herd.

Ranch located one mile north of Burrel
Phone Fresno 28376

A. J. (Bud) SAMPLE
Helm Fresno County California

---

**The Porterville Herd of Poland Chinas**

For Sale: A limited number of choice spring gilts, bred for February and March farrow to our new junior sires—The Rainbow and Flashy Coronation, first and second at the Bakersfield Fair. Fall boar pigs, too.

A. D. GLAVES & SON
Porterville Phone 36-W-1 California

---

**Golden Tamworths**

**SUPREME BACON TYPE HOGS**

- Choice last fall boars ready for service now.
- Choice bred or open gilts.
- Bloodlines from the highest standard herds of the U. S. and Canada. Tamworths are exceptionally good grazers, economical feeders, prolific producers and make excellent crosses. Try them and be convinced.

SEEPS RANCH
R. A. VON HAKE Owner KANAB UTAH

---

**PLAN TODAY YOUR HERD OF TOMORROW**

Son of Tazewell Trademark, All-American aged boar, purchased in Illinois from the late Dr. O. P. Bennett, well-known breeder of only top Durocs. Tazewell Tuckster has sired three crops of pigs for me. He has proven himself a sire of thick, medium-type Durocs that is in demand today. Everyone who has seen him admires him as the truly middle-of-the-road type. Write me for your Duroc needs.

JAMES F. TARESH
Rio Oso, Calif.
Northern California Headquarters for Better Durocs

---

**Mill-Farms**

Modern Type Poland-Chinas

**YOUNG HERD BOARS**

The kind that will improve your breeding herd and sire modern pork. At the recent Bakersfield Fair our barrows won three open division championships. A big selection of spring pigs now available.

**FOUNDATION Gilts**

We are now in a position to offer selected gilt pig to The Storm, California Rice King, Moderation (shown above) and our latest addition from Iowa, Perfect Model by Perfect Blend.

A. Buckland, Swine Manager
South Dos Palos, California

---

William Othart, Whittier, Wins Top FFA Award

William Othart, former member of the Future Farmers of America chapter at Whittier High School and now serving in the Army, was recently selected as the "Star State Farmer" for California for the 1943-1944 school year.

Bill took over a flock of sheep upon the death of his father when he was 12 years old and during the course of his high school vocational agricultural program increased its numbers to 300 head. He handled more than $20,000 during this period, $2,800 of which was earned by the sheep. His activities contributed materially to the support of his widowed mother and two other children.

Bill worked at a number of other jobs besides handling his sheep, and due to such demands on his time it took him seven years to complete high school. Scholastically, however, he was right at the top, for he was graduated in the upper 2% of his class of 370 students.

His activity record while in high school was outstanding. He served as FFA chapter and regional president, headed the student body one year, and in 1943 won the "Spike" Jones "Salute to Youth" trophy awarded to the Whittier high school boy who had contributed most to the war program.

"No more will I hear his footsteps on yonder walk just as the clock strikes the hour of 8."

"Gracious, Jeannette!"

"And the old parlor light will never burn low for him again."

"You don't mean it?"

"I do, and furthermore, he will never sit on the sofa three nights a week and call me pet names as he has long been doing for two years."

"I am astonished."

"And tonight I am going to burn all the old love-letters in my trunk."

"But why are you going to discard him?"

"Discard him? I am going to marry him!"
All-Steel De Luxe Feeder

Feeder is also a labor-saver in feeding sheep and calves.

• Self-feeds Grains, Concentrates and Mill Feeds
  Allows hogs to feed leisurely at will without crowding or fighting, thus adding weight at a faster rate with minimum of feed. Less feed wastage. Less feed contamination.

A Labor-saving Self-feeder for Turkeys
  A lid support to hold the lids open is provided with each SIOUX Feeder. It holds the lids open and provides a perfect feeding trough for turkeys, thus saving 1/2 of the labor in turkey feeding. The SIOUX Feeder is also a labor-saver in feeding sheep and calves.

FOR SALE BY
Bud & Quinon, Fresno-Madera
Cornell Tractor Co., Salinas-Watsonville-King City
Coulina Tractor Co., Hanford-Bakersfield-Wasco
Diamond Match Co., Chico and 63 branches in Northern California
Farners Alliance Business Association, Pismo Robies
Gardner and Beach, Hollister
Halton Tractor Co., Merced-Los Banos
Hanson Equipment Co., Santa Maria
Johnson Tractor Company, Riverside
Shepherd Tractor and Equipment Co., Los Angeles
Santa Ana-Covina
Treasur Equipment Co., Visalia-Tulare-Porterville
Valley Tractor and Equipment Co., Modesto
Wallace Machinery Company, Oxnard

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Wishing
all my friends
a very
Merry Christmas!
Yours for better livestock

ALEX WILSON
Box 353
Pomona, Calif.

ALTA HAMPSHIRE

When in need of registered breeding hogs see what we can show you. Now offering spring boars and bred gilts for March farrowing. Spot News and Roller breeding located 3 1/2 miles east of town.

A. C. (Bud) EDGERLY
ROUTE 2, BOX 185
DINUBA, CALIF.

Dividends for Sheep Breeders

Come From Attention to Details During the Breeding Season

By FRED F. McKENZIE

ECONOMICAL sheep operation depends in large part on the management during the breeding season. Only carefully selected rams that show desirable characteristics in fleece, conformation and fleecing qualities should be used. Further, these rams should be examined as far as one can, to determine

REGISTRY ASSOCIATIONS

SHEEP
American Cheviot Sheep Society, Inc., Oneonta, New York—Mrs. Katharine S. Turnell, Secretary.
American Corriedale Association, 1007 Sheridan St., Laramie, Wyo.—Dr. P. G. Rultz, Secretary.
National Corriedale Sheep Association, 809 Exchange Ave., Union Stock Yards, Chicago, Ill.—Mrs. F. J. Moline, Secretary.
American Cotswold Registry Association, 407 Exchange Ave., Union Stock Yards, Chicago, Ill.—F. W. Harding, Secretary.
American Delaine-Merino Record Association, Xenia, Ohio—G. W. Williams, Secretary.
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American Leicester Breeders Association, Cameron, Ill.—A. J. Temple, Secretary.
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National Suffolk Sheep Association, Middleville, Mich.—C. A. Williams, Secretary.
American Suffolk Sheep Society, Moscow, Idaho—W. C. Hitchman, Secretary.
Continental Dorset Club, Hillcity, Penn.—J. R. Henderson, Secretary.
National Lincoln Sheep Breeders Association, Marlette, Mich.—D. J. Knight, Secretary.
Karahel Fur Sheep Registry, Friend­ship, Wis.—L. K. Brown, Secretary.

GOATS
American Miniature Goat Record Association, P. O. Box 198, Vincennes, Ind.—Fred B. Kiefer, Secretary.
American Angora Goat Breeders Association, Rocksprings, Texas—Mrs. Claudine Hamilton, Secretary.
American Goat Society, Inc., University Place, Lincoln, Neb.—John P. Brox, Secretary.

Wishing all my friends
a very
Merry Christmas!
Yours for better livestock

ALEX WILSON
Box 353
Pomona, Calif.
that they are fertile. The reproductive organs should be sound, the sheath free from inflammation, both testicles present, firm to the touch and equal in size. The inspection of semen samples will further insure the use of highly fertile rams. Such attention will go far in detecting and eliminating from the breeding program those one or two rams of impaired fertility that one can expect in every 10.

The ewes that are put into the breeding flock should be those that have been selected partly on the basis of their individual fleece weights under observations made on the shearing floor. Select ewes, and offspring of ewes, that have reproduced regularly. Particularly should this hold true in the stud flock, the offspring of which one will draw on for replacements. Udders should be good. Ewes should be tagged and faces checked for good vision.

Good grazing ought to be available throughout the breeding season and for some weeks thereafter. This period after breeding is particularly important because of the necessity of taking care of the young embryos during their early stages of development. One of the chief advantages of "flushing" (increasing feed at breeding time) is that such feeding should actually extend beyond breeding time and thus insure a minimum of dry ewes the following spring.

Rams should be turned out before the breeding season so that they may become accustomed to conditions under which they will have to work during the next few weeks. In the warmer sections, shade and cool water must be provided. Breeding sheep ought to be observed closely and, where possible, rams should have a colored mixture painted on their breasts each day (yellow ochre mixed with thin paraffin or mineral oil). This should be done about 14 to 16 days after the breeding season has started. In this way ewes that are coming in for second breeding will be marked and one can notice whether the ewes are settling promptly, and if not, make adjustments accordingly. Ewes come into heat every 16 to 17 days and stay in heat from 20 to 40 hours.

The more highly fertile the rams and ewes are, the more quickly will the ewes settle and the shorter will be the lambing season. Good management will play a large part in effecting satisfactory results in this respect.

*Prof. McKenzie has been with the Animal Production and Wool Technology Departments, University of Wyoming, Laramie. On October 1 he joined the Animal Husbandry Department, Oregon State College, Corvallis.

Semen may be obtained from a ram in one of two ways: (1) Hold a ewe, preferably one not in heat, and let the ram serve her. Then withdraw the semen with a smooth glass tube (8-inch length) with rubber bulb attached; or (2) use an artificial vagina and have the ram ejaculate into this while he is mounting a ewe or dummy.

The examination of the semen requires some experience and equipment. Look for 1,000,000 sperm per cu. mm. in about 0.5 to 1.5 cc. of semen, chalky white in color. Expect good motility of sperm in the fresh specimen and also after it has been stored in the refrigerator at about 50° F. for two days and rewarmed for examination under the microscope.

Keep in mind that rams may be "cagey"—very active sexually—in finding and covering ewes, and yet discharge very low quality semen. Consult your local veterinarian or agricultural college.

She—"Do you believe in love at first sight?"
He—"I gotta. I only have two days' leave."

December 25, 1944
Horse of the Month

Moonlight—Pinto Stallion owned by E. O. Allbritton, Covina, Calif.
Another year has rolled around and it is interesting to look back upon what has taken place in the last 12 months in matters pertaining to our horses.

Many of our horse activities which were curtailed during the first two years of the war were revived during the past year, and while we did not have our state and county fairs, due to transportation problems, the local shows were a great improvement over those of the years before.

Shortly after Pearl Harbor most of our Saddlebred breeders curtailed their activities to a minimum and many disposed of their breeding stock and the effect of this is going to be apparent for some time.

The ranchers and stockmen of the West, and particularly of the Southwest, have in the past two or three years brought their favorite horse, the Quarter Horse, to the front in a very substantial way, and today in all the western states there are organizations promoting stock horse shows and Quarter Horse races.

These organizations are practically all organized under the rules and by-laws of the American Quarter Horse Association, with headquarters in Texas. This makes for a very strong organization.

The Great Western Livestock Show has just closed its 19th Annual Show at Los Angeles Union Stock Yards. It was a very interesting show from many angles, but the one most interesting to me was watching the judging and the methods used by the judges. There was the judge in the dairy division whose handling of the work was particularly interesting.

After carefully looking over the class and lining it up, occasionally changing the order of the lineup, marking his score card as he went along, he had finally made his decision. But he did not just mark his score card and hand it to the announcer to call the placing, he stepped to the mike himself and gave a rather detailed account of the good and bad points of the different animals, and wound up by showing why he thought he was justified in placing them as he did.

It strikes me that this method could be used by judges in our horse shows to advantage, particularly in the breeding classes, but it takes a judge who has confidence in his own judgment to do this, as it is so much easier for the judge to mark the score card, hand it to the announcer and step over under the umbrella and sit down.

Credit should have been given to Miss Lucille Stewart for the picture of Glamour Boy used as Horse of the Month in the November issue.

In visiting many of the stables formerly the home of Saddlebreds we find Thoroughbreds being schooled. Many new names will appear in the owners' columns at Santa Anita this coming season, and most of them will be represented by two-year-olds going to the post for the first time. It will be very interesting to watch the results, as many of the new owners are supervising the training of their own colts.

Money means nothing at the tracks today, every day is a million dollar day and the purses are the largest ever put up by the associations.

Fifteen stake races at Santa Anita this season will have an average of $32,000, one for $100,000, three for $50,000, two for $25,000, and nine for $20,000.
INFLUENZA AND STRANGLERS

By BEATRICE SPRINKLE
Cutter Laboratories
Berkeley, Calif.

Athough it has become a habit to designate almost all respiratory infections of horses by the rather loose term "distemper," this name does not indicate any particular disease. Perhaps the two most common and closely associated respiratory infections common to horses and mules are equine influenza and strangles. These two may occur independently of each other or strangles may follow and complicate an already developed case of influenza.

Equine influenza is caused by a filtrable virus which lowers the vitality of the animal, making it more susceptible to the action of secondary bacterial invaders, particularly streptococci. Uncomplicated cases of influenza show the characteristic symptoms of an acute respiratory infection, that is, stiffness, disinclination to move, and lack of appetite.

If properly cared for, animals often recover from simple cases of influenza in a week or 10 days; however, it is during the early virus stage of the disease that animals are highly susceptible to streptococci, a specific streptococci infection involving the lymphatic glands, particularly those adjacent to the respiratory tract. When strangles develops as a complication of influenza, nasal discharge is profuse and lymph glands are swollen and often become abscessed so badly that drainage is necessary. Extreme cases may develop into pneumonia or septicaemia as the infection spreads.

Although at times the death rate goes as high as 10%, most serious effect of these diseases is the economic loss from incapacity of the animals to work. Those which have been seriously sick but recover are set back from six months to a year.

Inasmuch as no means have been developed for the prevention or treatment of the primary virus infection of influenza, the only weapons of defense as yet are serums and bacterins prepared to combat the secondary invaders, of which streptococci are most dangerous. Anti streptococcus serum is used in the face of an outbreak and as a curative measure in already developed cases, while a streptococcus bacterin is used as a routine seasonal measure as an aid in building the resistance of healthy animals against the infection.

In healthy groups, inject a 2 cc., 3 cc., and 5 cc. dose of the bacterin in all colts and young horses at weekly intervals either in early spring or early fall, depending upon which season has been most troublesome in the past. Practice of giving one or two 5 cc. doses has been widely advocated, but will not give as satisfactory results as the three dose schedule.

This preventive treatment should be repeated yearly in all horses under six years old. The resistance conferred by such procedure is not complete in all cases but, with few exceptions, in animals so treated which do develop strangles, the attack is usually less severe and of shorter duration, thus greatly reducing the mortality and serious after effects so commonly encountered in untreated animals.

If an outbreak occurs in a group of susceptible horses, sick animals and those with high temperature should be isolated and immediately treated with from 50 cc. to 100 cc. of antistreptococcus serum. They should be kept stabled during stormy weather and at night, but in good weather may be allowed to run in the corral during the day.

An easily digested nutritious ration (good hay supplemented by grain) with plenty of green feed, if available, should

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Snooper's Holiday Spirit
Plan Riding Trail for Length of California

Acting on a proposal of the California State Horsemen's Association, the state reconstruction and reemployment commission has sponsored the riding and hiking trails project committee which will work for the development of a master riding trail extending from the Mexican border to the northern rim of the state.

With its wealth of forests, lakes, seashores, and year-round good climate, the state is a natural mecca for horsemen and hikers. In making this type of recreation available to the greatest number of people, tentative plans call for development of the trail north from the Mexican border along the western slope of the Sierra Nevada Mountains, then climbing back and running south from the northern boundary of the state along the shoreline of the Pacific ocean. Tying in with this master trail would be a network of highly developed trails within the counties of the state.

In supporting development of this magnificent system of trails, the reconstruction and reemployment commission is performing the dual service of extending further, to residents and visitors alike, the many scenic and recreational advantages which the state has to offer.

New Saddlebred Setup

A boarding farm for brood mares, something which should meet with enthusiasm support in the Los Angeles area, is planned by Grace Lloyd, who has recently purchased the Harney Ranch near San Fernando, on San Jose and Lemona.

With the large pastures, numerous corrals and roomy box stalls on the ranch it should be ideal as a maternity home for the mares. In addition to offering this service, Miss Lloyd will continue to raise American Saddlebreds. Her own stable, headed by Siu Dare-King, promising young stallion now in training at Pete Spear's stable, was recently augmented by the purchase of two mares, Rexanna Bell, out of Bell of Liberty and by Deputy Master, and Effie Peavine, daughter of Peavine McDonald.

Chief: "I have never said things so quick that I regretted them later."
Chief: "A bachelor."

by Amber Dunkerley

With three brothers killed in action and a fourth listed as missing in France, this ex-Marine, Loyd C. Borgstrom of Tremonton, Utah, has been given an honorable discharge to aid in the battle of food production on his father's farm. When told how many acres he and a 15-year-old brother have to do on the farm, he said, "Maybe I'll wish I was back with the Marines."

be fed. If no improvement is seen after 24 hours, repeat the serum dose. The earlier in the course of the infection the treatment is begun, the better the results. Apparently normal animals should receive 30 cc. of serum followed at the end of a week by three injections of bacterin (2 cc., 3 cc., and 5 cc.) at weekly intervals.

Because several days are required for an animal to build an immunity following the injection of bacterin, the administration of bacterin immediately prior to shipment is not advisable. Treatment should begin in time so that the last dose of bacterin may be administered five to seven days before exposure is expected. If this is not possible, the injection of 20 cc. to 40 cc. of antistreptococcus serum immediately before exposure will increase resistance for a period of 10 days to two weeks.

When animals, such as race horses and rodeo strings, are constantly subjected to exposure, they should receive the three-dose course of bacterin treatment every three to four months. In such cases, however, inasmuch as some degree of resistance remains from the previous course of treatment, it is not essential to hold off shipment or other exposure immediately following treatment.

"Was your landlord put out when you asked for time on the rent?"
"On the contrary, old chap, I was the one who was put out."

December 15, 1944
First Annual Colorado Quarter Horse Sale Jan. 19

As a result of the growing interest in the Quarter Horse, the first annual Rocky Mountain Quarter Horse Futurity Sale will be a new feature of the 1945 National Western Stock Show at Denver next month.

Sponsored by the Colorado Quarter Horse Association, the sale will be held the morning of January 19 and will be open to entries from everywhere; those entries to be foals or yearlings of either sex.

Entries must be exhibited in the halter classes and must be registered Quarter Horse stock or from a registered sire or dam. Sale entries will be sifted to 25 or 30 tops which will go through the auction. Sifting will be done by the regular judge of the Quarter Horse show.

Prominent breeders who have already indicated they will have consignments at the show include G. Dewey Norell, Collbran, Colo., who is bringing a Palomino yearling of Red Dog breeding for which he has turned down a $1,500 offer. Other breeders listing consignments are: King Merritt, Federal, Wyo.; J. S. Casement, West plains, Colo.; Mavis Peavy, West plains, Colo.; Jack Baslingame, Steamboat Springs, Colo., and Hugh Bennett of Falcon, Colo.

Pat Thomas, association secretary, is anxious that all prospective consignors write him at Durango, Colo., about their entries. Entries should be accompanied by a $20 selling fee.

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The value of accounting is recognized in all efficiently operated businesses today as a necessity and as a prerequisite to profitable operation. Most farmers and ranchers will, I believe, agree with me on this. However, farming and ranching is probably the field farthest behind in the adoption and use of adequate systems of accounting. As agriculture progresses, it is being recognized that the most efficient producers are the ones that will survive. It is probably no accident that the larger operators are the more efficient producers in the agricultural field, though the field is still largely dominated by small, independent operators. The fact that larger producers are guided by adequate cost systems in accounting for their operations is, in my opinion, one of the factors in their efficiency. Since agriculture is largely dominated by small operators, their survival will probably be based on their ability to produce more efficiently. And, as in the case of the larger producers, their efficiency can be vastly increased by an adequate system of accounting records.

The term "adequate accounting systems" seems to be held in abhorrence by many farmers because they believe such records imply a great deal of detail and extra work. In my own experience on a ranch, I found the necessary records rather easy to keep, although they did require more additional effort. However, such effort can be greatly reduced through the use of simple, easily kept records and through regularity in keeping them. The results far outweigh the effort required to obtain them. Such record keeping enabled us to plan and to estimate in advance, with reasonable accuracy, the results of proposed new operations; to estimate the values to be obtained from investments in new equipment and thus determine whether the equipment might be worth its cost; and, if we were to expand, whether it would be better to buy or lease. There are a myriad of other results which may be obtained and, if presented in proper form, may be used by the farmer no matter how little he may know of accounts and accounting methods. Systems of accounting should be adapted to the personnel available to keep them and to the size of the operations. The cost of an accounting system for an operation grossing $500,000 a year would not be justifiable for an operation grossing $25,000 per year. However, systems of accounting for the latter operation can be devised which will give adequate results at a cost within the ability of the operation to support it.

We might consider next how to obtain the results. Most businessmen, including farmers, usually are not sufficiently well...
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For the public accountant, consider him as an advisor similar to your engineer or lawyer. He is trained to advise you in these matters, and if you choose him carefully, he will be more than worth his fees. By all means select a man familiar with the field in which you are to use him. His advice may mean dollars saved through properly prepared tax returns, properly prepared statements for credit or other purposes, and by a properly designed system of accounts on which you will base your future planning.

In the coming years undoubtedly there will arise many problems which will require all the information possible to make decisions on which will rest the future success or failure of farming operations. The man with a good system of accounts and good advice on tax problems will have the odds in his favor for successfully meeting such problems, other factors being equal.

**PHBA State Group**

**Active in California**

The Palomino Exhibitors Association of California is affiliated with the Palomino Horse Breeders of America, Inc., with offices at Mineral Wells, Tex. It is a non-profit organization and owned by members. The association registers only the Palomino horse with golden coat, dark eyes, with dark or black skin, according to Jordan E. Dunaway of Hawthorne, Calif., secretary-treasurer.

Dr. Leo E. Pruden of Santa Monica, Calif., president, and the organization has 10 directors located in different parts of the state. The association is planning its first All-Palomino PHBA registered show in the early spring of 1945. Only Palomino horses that are PHBA registered, or those subject to registration, will be permitted to show.

In line with its policy of promoting developments in the state for the betterment and progress of the saddle horse, and assisting other horse organizations, the association at its last meeting appointed a committee to work with the newly organized Trails Committee to develop further trails throughout the state.

**Peruvian Stallions in New Location**

George H. Stevenson, foremost Peruvian horse exponent in this country, has just completed a new horse barn on his recently acquired property in Santa Clara County, Calif. The new ranch faces the Hillview Golf Course on Tully Road, near San Jose. The barn embraces 10 box stalls, tack room, feed room, etc. and in the center a wing will hold 120 tons of baled hay. Oat hay is grown there abundantly. In addition there is ample feed for the mares and colts in the breeding program.

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The following classes of foals are eligible to registration in the Anglo-Arab Section.

1. Foals by registered Arabian stallions out of registered Thoroughbred mares.
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4. Foals by registered Anglo-Arab stallions out of registered Thoroughbred or Arabian mares.

Blank applications for registration and further information furnished upon request. Address all inquiries to:

THE REGISTRAR
AMERICAN REMOUNT ASSOCIATION
Oris Bldg., 810 18th St., N.W.
Washington 6, D. C.

Over Our Way

By GEORGE PHILLIPS
Duncan, Arizona

As time rolls on we get smarter and more and more gadgets are invented to save labor and also to kill our enemies. There is one branch in Washington, D. C., I reckon the brainiest in the known world, which if it wasn't for them the cow business would be a thing of the past.

Ever since they began functioning I been scratching my old bald head to see could I help out in some way, although I am not on the board drawing down a salary of say $7,500 or $10,000 a year. (I should be.) Anyway I am doing my part. You know when a drouth is on and there is no grass for the cattle, they start eating brush, mesquite, oak brush, catlow, etc. Well, as time goes on, they eat all the leaves and brush they can reach.

Then they begin to die, while the more succulent feed is on the tip top of the bushes where the stock can't reach. Now my idea of tying a short stick to their tails with raw hide after wetting the hide and binding tight will in a few days become as tight as "Dick's hatband" if you know how tight that is. Say what you will, but cattle are real smart, smarter really than a great many people.

Well, in a few days you'll see an old cow walk up to a bush and rair up on her hind legs and ease back on the rigid tail, like a banker in his swivel revolving chair, and soon fill her paunch with edible succulent forage which is on the top of the bushes. At first, I bound the pole or stick close up but I soon found that better results could be had by dropping down four or five inches, which made a kind of a universal joint. We saved most of our herd in that manner, and as soon as the rains set in the raw hide binding became wet and the poles dropped off. It's quite a task to gather them up but when they didn't dry out the next drouth which will shore come.

The OPA beat me to this new hog deal. Here in our Gila Valley nearly all farmers raise a few hogs. They butcher a few for their own use and dress and sell the balance to our local merchants who have had a hard time supplying the 25 or 30 thousand people in Morenci. Well, several of my nabors had contracted to furnish the local markets with dressed pork. My nearest nabor had about 15 porkers weighing around 225 pounds, they weren't all contracted so he goes to town to contract the others.

Well, our county agent spied him on the street and motioned for him to come into the office: says I have a telegram...
here—from Washington, D. C., hot off the press—it says from this date till further notice growers will not be allowed to sell dressed hogs, the penalty for doing so is a $10,000 fine or 10 years in the clink, or both in the discretion of the court. So my nabor wires to the packing plant at Phoenix, made the sale, hired a truck to transport them, had ’em loaded and on their way in less than 24 hours. Of course, he don’t get as much per pound in Phoenix, has to pay freight and loses considerable on shrinkage, the distance is 230 miles.

Anyway it saved him the labor of butchering and the packers will utilize the hair, guts, eyeballs, etc. About all we got out of it is the squeel. Then the packer’s salesman will come over in a high powered gas eating automobile and take orders from our local merchants for pork. If that don’t cut down the high cost of living, damnfino what will.

Then the Soil Conservation Service sends a man out from Washington, D. C., for the Government to help us build cement watering troughs. Some windy jokesters got hold of him before he reached us and gave him the dope on the necessary dimensions of watering troughs. Some he was all set and primed to advise us about the waterings. Uncle Sam to bear the cost of the cement and his salary, traveling expenses and etc., and etcetera,—but dammit we were to furnish the labor and the sand and forms (a dirty deal sezzi).

He says—men I have learned just what you need for your waterings. Says when an old cow comes up to the trough to drink she always stands sideways, therefore takes up more room than the average person would think. Well, when that soaked in one of our fellers says—hell, mister, you’ve shore been loaded—yonder comes a bunch of cattle in to water right now. Let’s go watch em. After surveying the scene he was the maddest man I ever seen and Uncle Sam didn’t help us build any water troughs.

Now why fellers will tell an official of Uncle Sam’s a pack of damlis is past my comprehension. Now as to my invention of rigid tails for drouth stricken cattle, will say that I’ve got a patent on it and have sold 49% of my rights to the OPA at a price which will keep me in affluence for the balance of my days. Praise be. The OPA is now on a deal to buy all the poles for tail binding from the Brazilian Government. Am informed that it will only require about a quarter of a million dollars to put the deal through.

Famous Belgian Herd Dispersed to Universities and Breeders

The famous Belgian herd of Kenfleur Farms at Perrysville, Ind., owned by H. C. Horneman of Danville, Ill., has been dispersed as the result of Mr. Horne­man’s health becoming severely taxed by overwork in his many business enterprises.

Kenfleur Belgians have attained exceptional prominence in this country and in Canada. Their winnings at the Inter­national alone include eight grand championships and seven reserve grand championships. Their record at the National show, the American Royal and the leading state fairs has been equally impressive. Names of Kenfleur champions well known to Belgian horsemen include the famous Jay Farceur, Rowdy de Or, Roachdale Hazel and Jeannine.

In the interest of advancing the breed, Mr. Horneman gave most of his horses to Purdue University, University of Missouri, University of Nebraska, and Kansas Polytechnic College, Russellville. Other Kenfleur horses were sold to breeders in Indiana, Kentucky and Illinois.

Publisher: “Here’s a big banker who says he would like to run a newspaper for just one day.”

Editor: “Yes, and wouldn’t I like to run his bank just for one hour!”

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Stallion Issue

JANUARY 15, 1945

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We Offer the Best AVAILABLE CATTLE RANCHES

LOCATION CALIFORNIA-NEVADA-OREGON

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PLEASE NOTE We Deal Directly with

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CHINO VALLEY RANCHES FOR SALE


75 ACRE horse ranch, all of well. All piped.

NORTHERN WASHINGTON CATTLE ranch for sale. Nine hundred acres deeded land, of which two hundred is under a private irrigation system with free water. Land offered separately on 10 and 20 acre lots. This is one of the best and oldest ranches in Montana. Will handle 2,500 to 5,000 cattle. Price $80.00 per acre.

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900 ACRES with 133 irrigated, balance dry farming area. Lots of good grass & water. Good climate, good road, well improved. Only one hour from good town. Will handle Box X15, Western Livestock Journal.

FOR SALE by owner. 13,000-acre Idaho cattle ranch. All improved, dry farming area. Lots of good grass & water, mild climate, good road, well improved. One hour from good town. Will handle Box X15, Western Livestock Journal.

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DRI-RANGE
PASTURE SEED MIXTURES

will keep your dry range green the year around and keep your stock gaining when the native grasses dry up in summer.

Providing

1. Your land is good and holds moisture well.
2. You prepare a good clean seed bed, sowing on summer fallowed land; or plow, disc and sow after the first rains germinate the native grass seeds.
3. You sow before the rainy season starts, or as soon as the native grasses have germinated and then have been plowed under and a good seed bed prepared. Don’t sow after January 1 in California.
4. FERTILIZE before or after planting with Dale Butler’s Evergreen Permanent Pasture Fertilizer at the rate of 200 pounds per acre. The results will amaze you as it helps the plants to become well established before the dry summer period arrives.

BUFFALO GRASS—Buchloe Dactyloides

NATIVE OF—Central United States.
ANNUAL OR PERENNIAL—Perennial.
CLIMATIC ADAPTATION—Semi-arid regions.
SOIL—Any good soil.
MOISTURE—Very drought resistant.
NATURE OF GROWTH—Sod-forming. Spreads rapidly by means of stolons. Grows 3 inches to 1 foot high.
PALATABILITY—Very high.
USAGE—For pasture, lawns and golf courses.
POPULARITY—Very Popular in Central U.S.A.
WHEN TO SOW—Fall.
NO. OF SEEDS IN 1 LB.—

Hulled Buffalo grass seed $9.50 per pound
Sow 3 pounds per acre
Hulled Buffalo grass seed is used in our Special Dri-Range mixture
For Dri-Range mixtures see pages 14 and 15 of the Evergreen Pastures booklet

Don’t Expect
green feed throughout the dry season the First Summer after planting as the slow growing perennial varieties must become well rooted before they can stay green throughout the dry summer.

You will be amazed at the results after the first two years. The value of your land will be greatly increased as a result of the greater carrying capacity and the constant gain of your cattle throughout the dry season.

My interest is not merely in the sale of grass mixtures but in the establishment by each purchaser of a satisfactory stand that gives the desired results.

Dale F. Butler

We invite you to visit our demonstration plots of Permanent Pasture Mixtures and individual varieties at the Union Stock Yards, Los Angeles, California
All ages of cattle thrive better when fed proper phosphorus ration

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75% Tri-Calcium Phosphate - Bone Phosphate of Lime

To build weight and finish economically ... to stimulate a high calf crop ... to utilize feeds most efficiently, it is essential that cattle receive readily available phosphorus in adequate amounts.

To meet these phosphorus needs in areas where deficiencies occur, you will find that DIGESTA-BONE, the sterilized steamed bone meal, has given outstanding satisfaction. It supplies also fine quality readily available calcium for animal feeding.

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