Time lost can never be regained! Don't miss a full breeding season. Buy fertility tested bulls and be sure. Every bull is tested for absolute fertility before he leaves our ranch so that you can be sure of having a calf crop the first year. We are producing a good, useful kind of bull—good head, heavy bones, strong back, width and depth—just downright good range bulls. Write, call or come to see us. This is where everyone gets a BIG WELCOME!

Wyoming Angus Ranch

MARK T. COX III - BOX 57, CHEYENNE, WYOMING
Everywhere—one of the world's finest beers

Search the whole world over! You'll discover Lucky Lager beer tastes smoother, mellower, more refreshing. Enjoy Lucky Lager. Everywhere—one of the world's finest beers!
SEND complete information and items checked, to -

Name ____________________

Address ____________________

City _________________ State _________________

Vol. 31, No. 16

Nelson R. Crow
Publisher

Forrest Bassford ............ Editor
E. F. Newton .......... Managing Editor

Field Representatives

Bob Teale, Helgeson Hotel, Orofino, Idaho; Sherman Guthridge, 3065 Grandview Dr., Baker, Ore.: John Chohils; Roy Duvall.

Bill Small .......... Editor, Horses and Horsemens
Bob Skau ........ Market Editor

Raymond Husted .......... Beef Cattle Specialist

Bob Barnes ............ Production
Frank M. King .......... Associate Editor
H. H. Bushnell .......... Associate Editor

Jud Wright ........ Art Director

Editorial & Production Assistants
Glady's Erickson, Lynn Macdonald, Jeanne Meyer, Mary Peterson, Nancy Purvine.

Advertising Department

H. C. Schimpf .......... Advertising Manager
Don Womack .......... Associate, Adv. Manager

Eastern Representatives

Peck & Billinghara 185 N. Wabash Ave., Chicago 1, Ill.
Dearborn 2-0252

Billinghara & Piske 420 Lexington Ave., New York 17, N. Y.
Lexington 3-5367

Western Representatives

McDonald-Thompson Co. 625 Market St., San Francisco 5, Calif.
Yukon 6-0647

37/7 W. Sixth St., Los Angeles 5, Calif.
Dunrake 7-3001

Terminal Sales Bldg., Seattle 1, Wash.
Main 1800

6617 Saddle Plaza, Dallas, Texas
Legon 4263

222 Colorado Natl., Bank Bldg., Denver 2, Colo.
Keystone 4669

Howard Jackson ........... Circulation Mgr.

Subscriptions Rates

Combined Monthly and Weekly Issues, $4.00 per year; $7.00 for 2 years; $10 for 4 years.

Single copy price 35 cents

Entered as Second Class Matter Dec. 28, 1899, at the Post Office at Los Angeles, California, under the Act of March 3, 1899.

Our Cover Page

The beautiful head on the cover of our 18th annual Stallion Issue is that of Zitea, Arabian stallion owned by R. S. McMurphy, Los Angeles, California.
THERE IS HOPE that livestock can be stabilized at present levels. Opinion of some leaders in the meat packing industry is that demand for meat at lower retail prices will be sufficient to hold the average price of livestock, but that with the removal of price controls and compulsory grading, there may be some narrowing of the price range. This could well mean somewhat lower prices for choice and prime grades of steers, and some further improvement in prices of utility and commercial grades. This is a trend that has been taking place for the past several weeks.

THE ARMED FORCES have started buying "good" grade beef instead of limiting beef purchases to "choice" grades. About 75% of government beef purchases in January were of good grade beef. This action, along with the featuring of good grade beef by retailers, has already had some effect on prices, tending towards a lowering of top grades, and some improvement on commercial and good grades.

A GREAT DEAL WILL DEPEND upon moisture conditions in the range country. If general rains provide grass and grain in the cattle country, there could be some slowing down in liquidation of cattle. Yet there is a widespread feeling that the country has too many cattle in breeding herds, and heavier slaughter of veal and cows would prove to be a stabilizing factor very much needed.

THERE HAS BEEN a lot of wishful thinking in talk about cattle population not keeping pace with growth of human population. As this writer views it, our improved methods of handling cattle through the use of irrigated pastures, supplemental feeding, more attention to animal health, wider use of grains and concentrates—all of these things contribute to a larger supply of meat from each animal unit.

GREATER EFFICIENCY in crop and livestock production resulting from the general increase in use of commercial fertilizers, in acreage devoted to hybrid corn, the greater use of insecticides and more intelligent overall management—all of these things have raised crop production per acre by 29% and livestock production per animal unit by 23% over pre-World War II levels. It is this greater efficiency with reduced labor costs that will enable the good stockman to pull through troubled economic times with a minimum of hardship.
Include BIRDSFOOT TREFOIL in your pasture planting!

Sheep grazing on pasture of narrowleaf Birdsfoot Trefoil showed exceptional gains. Feeder cattle likewise do exceptionally well on a diet of narrowleaf Birdsfoot Trefoil and native grasses.

Longlived leafy legume furnishes rich forage over long season... No bloat hazard* to cattle or sheep

For best results, specify and plant VOLKMAN'S BEAR BRAND BIRDSFOOT TREFOIL

✓ For highest purity
✓ Germination
✓ Dependability

*No recorded cases in California

SEE YOUR DEALER

C. M. VOLKMAN & CO.
Quality Seeds Since 1863
55 Union St. • San Francisco 11

Livestock Markets

WITH heavier receipts of steers at Los Angeles and other major markets and sharply depressed Middlewestern markets in January, the cattle market is unevenly lower than at the close of 1952. The decline in prices on the Pacific Coast markets gained momentum after the middle of January, as the wholesale dressed beef trade felt the effects of increased marketing and heavier importations of dressed beef from Middlewestern and mountain centers to the Coast. At the close of January, steers at Los Angeles were generally $1 to $1.50 lower than at the close of December and there were numerous instances where steers showed even greater declines, especially on choice grades and heavyweights.

Steers made up a large proportion of receipts at Los Angeles, with cows in very light supply for the first time in several months. A good many steers coming to market from feedlots were far from finished, indicating that owners stopped losses on cattle where gains were costly. Actually, it appeared at the close of January that the supply of choice steers in Far Western feedlots is running short, but the big supply of long-fed steers in Midwestern feedlots may be expected to have bearish effects on the market. Cows eased off late in the month but prices of the general run of cows were $1 to

ASSOCIATION CHIEFS—Shown at the California Cattlemen's Assn. convention in San Diego last December are, left to right, John Baumgartner, Hollister, retiring president; Jake Schneider, Sloughhouse, 1953 president of the association; and James Sinton, Shandon, vice president for 1953.
An untouched photograph of Dona Carmen, a two-year-old BEEFMASTER heifer, and her first calf, Senorita Carmen, taken a few days before weaning at our Matheson, Colorado, ranch. At weaning in October 1952 at Matheson, all two-year-old dams averaged 1114 pounds and their calves 468 pounds. The average age of the calves was 5 months, 23 days. The calves had received no supplemental feed, while the two-year-old heifers had received the usual protein supplement during the preceding winter. Weights were taken before any calf had been culled.

What's Sacred About Bloodlines?

Only those bloodlines which consistently produce dollars and cents results under practical conditions and which repeatedly prove their ability to transmit these results generation after generation are worth considering. The function of beef cattle is to produce beef. The best cattle produce the most beef of high quality at the lowest cost. The BEEFMASTER bloodline is valuable only because it continues to produce more beef for less money.

The Lasater Ranch system of breeding is based on Nature's oldest law: the survival of the fittest, intelligently applied through selection for the six characteristics essential in any beef animal. These six essential BEEFMASTER characteristics are: (1) Disposition—gentle, intelligent cattle are cheaper to handle, make better gains and bring better prices. (2) Fertility—BEEFMASTERS are bred as yearlings, must reproduce consistently and well. (3) Weight—the cheapest weight is produced through breeding. (4) Conformation—BEEFMASTERS have it where the packers want it. (5) Thriftiness—BEEFMASTERS have the ability to stay healthy and vigorous under range conditions without assistance by man and to resist heat, cold, disease and insects. (6) Milk Production—the cow must suckle her calf for eight months or longer and maintain her own body under range conditions; BEEFMASTER cows creep-feed their calves with milk.

To first qualify for the BEEFMASTER breeding herd, a calf must show promise of these six characteristics. To stay in the herd the animal must retain and transmit them to its progeny.

The system is simple. Keep it simple. Don't make excuses for your cattle. If an animal doesn't measure up, send it to market. Be ruthless and hard-boiled. Remember, you're not raising pets, you're raising beef.

And keep your eye on that same target in your ranch management. Put first things first. That means spending your money on improvements that will help you sell more beef at more profit on the commercial market.

If a system of breeding and ranch management as practiced by the Lasater Ranch is applied to any group of livestock, marked improvement will result over a period of years. With BEEFMASTER breeding introduced into your herd you can shorten the period required, because BEEFMASTERS have been bred under the system for many generations.

But whether you are interested in buying BEEFMASTERS or not, you are invited to study the system at first hand on the Lasater ranches at Falfurrias or Matheson. A special invitation to study the BEEFMASTER system of breeding and ranch management is extended to young cattlemen who plan to make the commercial production of beef their life work.

"More Beef for Less Money"
SHIPPING FEVER

Why risk costly diseases when you can avoid them so cheaply?
BLACKLEG · MALIGNANT EDEMA
ANTHRAX · BRUCELLOSIS

Stop losses by VACCINATING with
Lederle BACTERINS and VACCINES

Vaccinate early and routinely! That's the sound, low-cost way to protect your livestock and your profits. If you delay—and disease strikes—you may not be able to avoid serious losses even though expensive treatment is given. When you use Lederle's triple- and dual-purpose bacterins, you provide your animals with maximum protection against dangerous diseases—with minimum effort, time and expense.

For prevention of blackleg, malignant edema, and shipping fever (hemorrhagic septicemia). 
**CLOSTRIDIUM CHAUVEI-SEPTICUS PASTEURELLA BACTERIN (Alum-Precipitated) TRI-BAC* Lederle**

For prevention of blackleg and shipping fever (hemorrhagic septicemia). 
**BLACKLEG-HEMORRHAGIC SEPTICEMIA BACTERIN (Alum-Precipitated) B.H.* BACTERIN Lederle**

For the prevention of uncomplicated blackleg. **BLACKLEG BACTERIN (Alum-Precipitated) Lederle**

For immunization of cattle against anthrax. **ANTHRAX SPORE VACCINE No. 3 CARBOZOO* Lederle**

For prevention of shipping fever (hemorrhagic septicemia). **HEMORRHAGIC SEPTICEMIA BACTERIN (Alum-Precipitated) Lederle**

For immunization against brucellosis. **BRUCELLA ABORTUS VACCINE (Vacuum-Dried) Lederle**

*Lederle's biologicals are world-famous for high quality and effectiveness.*

Animal Industry Section

**LEDERLE LABORATORIES DIVISION**

30 Rockefeller Plaza AMERICAN Cyanamid COMPANY New York 20, N. Y.
Either way you use it, you're sure it's applied scientifically... by experts who know local soil conditions.

**NITROGATION SERVICE**
Your distributor meters Shell NH₃ (Agricultural Ammonia) from cylinders directly into the irrigation water. From his experience with local crops, he knows exactly how much ammonia to apply. Then the nitrogen-rich ammonia, in the proper concentration, is distributed evenly by the water... soaks with the water into the soil where it immediately begins to feed the growing plants.

**NITROJECTION SERVICE**
This is a direct soil-injection of Shell NH₃, made with special equipment supplied by your Shell distributor. Again, from his local experience, he knows the proper depth to which the ammonia should be injected, and the exact amount to be applied. As a result, the nitrogen-rich ammonia goes where it will do the crop the most good.

Yes, when you buy Shell NH₃, you know that you're getting scientific fertilizer service. Both of the above methods were developed by Shell. Both are backed by more than 20 years of research, field experience and engineering know-how.

You'll find your Shell NH₃ distributor listed in the "Fertilizers" section of your phone book.

---

$1.50 higher than a month ago and some sales of cows showed even greater advance. Thus the price range of cattle narrowed down considerably, that is the spread between commercial cows and choice steers.

**Hope for Stabilization.** Many leaders in the meat industry expressed the hope that the cattle market might well be stabilized at or around present average prices. They pointed out the possibility that this could mean further depreciation in the selling prices of choice steers but they pointed to the strong advertising program on the lower grades of beef, including good grade, as a means of further strengthening the values of cows and short-fed steers. The top price on steers in January at $30 compares with an extreme top of $34.50 a year ago, $36 two years ago and $23 three years ago. These are, of course, Los Angeles comparisons.

The month's cattle receipts at Los Angeles showed a gain of better than 25% over a year ago. Arrivals at the 12 major markets showed substantial gains, also, as did the total cattle slaughter for the period.

Notable in January was the sharp reduction in retail meat prices. Both the National Livestock & Meat Board and American Meat Institute put on strong advertising drives calling attention to lower meat prices, but unfortunately for livestock producers, the overall advertising program of the American Meat Institute has been sharply reduced when such a national program is badly needed. It is understood that the AMI has reduced its meat advertising budget from $2,500,000 to $1,000,000 but industry leaders pointed to improved financial positions of national packers and the probable end of government price ceilings and expressed the hope that the national...
abies—3,500,000 a year—are making your future bright!

There are greater opportunities ahead for you in producing more food for more people.

More than twenty-one million babies have been born in the United States in the last six years and the number of births continues very high. These post-war children are all growing up. They will need more and more food produced on your farm and prepared for the table in our plants. At the same time, older folks are staying with us longer. People who reach 65 can now be expected to live another 14 years, on an average.

The net result is that the population is going up at the rate of 7,000 a day—and so is the demand for "three meals a day."

There are other reasons why we believe the future looks very bright for everyone engaged in the business of providing America's food. The Department of Agriculture assures us that the land now being worked can be made to support enough hogs, cattle and sheep to provide 159 pounds of meat per person in 1955. Grassland farming and brush clearance programs are making it possible to increase the productivity and value of millions of acres of land. Better breeds of livestock and better feeds, new labor-saving machinery and improved management methods are all helping farmers and ranchers produce higher quality "raw materials" for our food supply—faster and more efficiently.

Now is the time for you to make new plans, remembering that the demand for your products is constantly growing.

We in Armour and Company pledge to you our continued efforts to provide the best possible markets for your farm products—now, and in the years ahead.

President, Armour and Company

More than 2,000 products are now made by Armour for farm, home and industry!
"I knew why my bale had won\" writes L. M. Kissell, Springfield, Ohio

"I honestly believe that the MM Bale-O-Matic had as much to do with producing this quality bale and winning the awards as the hay itself!"

BRIZE ALFALFA HAY CLASS
GRAND CHAMPION, ALL HAY EXHIBITS
INTERNATIONAL LIVESTOCK AND GRAIN SHOW, CHICAGO, 1951

"When we opened one of my bales, I knew why my bale had won," writes L. M. Kissell, whose prize-winning hay was baled with an MM Bale-O-Matic. "The alfalfa had a fresh, perfume-like odor, unfaded green color with purple blossoms intact, and approximately 90-95% leaf retention. Few leaves fell out when the slices were spread apart. It was hay to be proud of, and I was!"

Farmers everywhere, save time and manpower, cut haying costs to an all-time low... boost haying profits to an all-time high with the MM Bale-O-Matic. AND, with a Bale-O-Matic, they get that important MM EXTRA of a baler that really stands up under rugged field operations. They get quality MM construction that pays such big dividends in longer machinery life, lower-cost machinery operation.

ONLY THE MM BALE-O-MATIC OFFERS ALL THESE ADVANTAGES!

- Wire-fied bales that can't come loose.
- Square-cornered bales, easier to store, easier to handle, easier to feed.
- Every bale the same size.
- Drops bales ON-THE-GO, and MM bales stay fed.
- No double tripping.
- No wire ends fall into bale or field.
- MM Uni-Matic Power available hydraulically to raise or lower efficient pick-up mechanism.
- Can be used as stationary baler without adjustments.
- Rugged MM construction assures years and years of efficient, trouble-free service.

The MM in your hands means more if you put more MM on the land.

MINNEAPOLIS-MOLINE MINNEAPOLIS 1, MINNESOTA
advertising program could be stepped up later in the year.

* Hide Market Slumps. Adversely affecting cattle prices has been the depressed condition of the hide market. A long range trend is now apparent. Hide prices slumped sharply in January. Southern California steer hides which were moved by packers as high as 12c a pound late in December were selling 9 1/2 to 9 3/4c late in January, and cow hide prices dropped from 13c to 11 1/4c.

California's cattle feeding industry reported a sharp drop in numbers of cattle on feed as of Jan. 1, 1953, a decline of about 15% from a year ago. Other Western states showing declines in cattle feeding included Colorado, Utah, Washington and Oregon, while there was little change in numbers of cattle on feed in Arizona and Nevada.

Nationally, cattle feeding is at an all-time high. USDA estimates showed a gain of 16% in cattle on feed as of Jan. 1, 1953, over a year ago.

Drought Hits. Drought conditions in 1952 over a very large part of the country caused serious upsets in normal operations. As result of drought, it is reported that virtually no cattle were placed in Kansas and Oklahoma areas where normally many thousands of cattle are wintered. Despite drought and shortages of grass and high costing grains and concentrates, USDA statisticians believe that total U. S. cattle population has dropped to a low of 100 million head, an all-time high. They say that unless there are heavier markings of shetstock and calves, there will be another increase in cattle population next year. It seems doubtful if the consuming power of the Nation can absorb still further cattle slaughter without further declines in prices.

One bright spot in the picture, insofar as the cattle growers are concerned, is the estimate of sharply decreased pork production in this country in 1953. Finishing offsetting this reduction, which will not be enough to offset increased beef production, are estimates of continued heavy turkey and poultry production.

Spread Narrows. There was a narrowing of the price spread on various grades of cattle on West Coast markets during the month of January. At the close of the month, costs were about $1 to $1.50 higher than at the close of December while steer prices were $1.50 to $2 lower. The full decline was felt in choice grades of steers.

Contributing to the decline on West Coast markets was the sharp drop in the estimate of sharply decreased feedlots estimated at 5,856,000, compared with the five year average from 1947-51 of 4,349,000.

There was a decrease of 7% in number of lambs on feed in the U. S. with an estimate of 3,754,000 on feed. However, there was a gain of 9% in California where the 216,000 on feed was the largest number reported since 1948.

With costs rising and market prices edging downward, livestock raisers are finding themselves in a tight profit squeeze. The problem is how to maintain normal profits.

Many farmers are finding the answer in Morton Trace Mineralized Salt. Kept before livestock every day, trace mineralized salt helps all classes of animals to get more out of their feed. This better feed conversion means less cost to feed, fatten and finish. Here's why...

Morton Trace Mineralized Salt supplies the chlorine and sodium of salt so vital to efficient digestion and assimilation of proteins, fats and carbohydrates. It also supplies the trace minerals which influence and control the enzyme, vitamin and hormone functions — those basic activities of life that convert feed into nutrients and, in turn, build nutrients into meat, milk and wool. When functioning properly, these activities help livestock get more value from the grains, grasses and forages you feed them. Moreover, scientific tests show that fast-growing animals and high-producing animals convert a greater percentage of the nutrients in feed into meat and milk. They maintain themselves more efficiently, produce healthier young...are more profitable. It costs only a few cents more per animal per year to give them the extra benefits of Morton Trace Mineralized Salt.

These are the reasons why it will pay you to build your mineral feeding program around Morton's Free Choice Trace Mineralized Salt. Your dealer has Morton's T. M. Salt in stock. Ask for it by name — feed it free choice.

**Here's How**

You can help increase livestock profits in the face of lower prices and higher costs

With costs rising and market prices edging downward, livestock raisers are finding themselves in a tight profit squeeze. The problem is how to maintain normal profits.

Many farmers are finding the answer in Morton Trace Mineralized Salt. Kept before livestock every day, trace mineralized salt helps all classes of animals to get more out of their feed. This better feed conversion means less cost to feed, fatten and finish. Here's why...

Morton Trace Mineralized Salt supplies the chlorine and sodium of salt so vital to efficient digestion and assimilation of proteins, fats and carbohydrates. It also supplies the trace minerals which influence and control the enzyme, vitamin and hormone functions — those basic activities of life that convert feed into nutrients and, in turn, build nutrients into meat, milk and wool. When functioning properly, these activities help livestock get more value from the grains, grasses and forages you feed them. Moreover, scientific tests show that fast-growing animals and high-producing animals convert a greater percentage of the nutrients in feed into meat and milk. They maintain themselves more efficiently, produce healthier young...are more profitable. It costs only a few cents more per animal per year to give them the extra benefits of Morton Trace Mineralized Salt.

These are the reasons why it will pay you to build your mineral feeding program around Morton's Free Choice Trace Mineralized Salt. Your dealer has Morton's T. M. Salt in stock. Ask for it by name — feed it free choice.

**Morton Trace Mineralized Salt**

for Healthier, Thrifter Livestock

**FREE . . . This 32-page booklet gives you complete facts on feeding salt and trace minerals to all classes of animals. Mail for free and postpaid, Morton Salt Co., P. O. Box 781, Chicago 90, Illinois.**

**Morton Free Choice Trace Mineralized Salt**

FREE . . . This 32-page booklet gives you complete facts on feeding salt and trace minerals to all classes of animals. Mail for free and postpaid, Morton Salt Co., P. O. Box 781, Chicago 90, Illinois.
Germain's Pasture Mixture. Started pasturing in May and am carrying plenty of feed left over.

Every farm or ranch needs INDIANS for fire protection. Thousands in use.

SMITH ®75 INDIAN Drinking Water and Supply Tank

Capacity 7 gals
Tank is air conditioned and comfortably back. Made of Armco zinc-grip steel. Very popular.

Send for Catalog describing our entire line.

D. B. SMITH & CO. 
(Originators of Sprayers Since 1888)

MORE PRODUCTIVE PASTURES at Lower Cost

with GERMAIN'S PASTURE GRASS SEED

"I can DEPEND on Getting QUALITY SEED from Germain's. That's Why I've Used It For Years,"

head of steers on the pasture in July.

Take a tip from Mr. Sharpless and plant the best Pasture Gross Seeds available—GERMAIN'S PREMIUM BRAND SEEDS.

—Fully illustrated, with complete and valuable information on how to plan and grow better pastures. At your Dealer or mail coupon below.

FREE! GERMAIN'S PASTURE BOOK

GERMAIN'S, Dept. WL-3, Los Angeles 21
Please send illustrated, complete PASTURE BOOK
Name______________________
Address______________________________

Also Distributors of Dale Butler's PASTURE GRASS MIXTURES

Branches throughout California and Phoenix, Arizona

prices in the Middlewest and a lower wholesale meat trade accentuated by imports of beef from the Middlewest.

At Western terminal markets good choice fed steers were selling late in January at $21 to $25 with a few loads up to $26 at Los Angeles. Commercial and good grade steers ranged from $17.50 to $23, with some commercial grades as low as $17 at Ogden. Steers selling at $17 to $18 at Los Angeles were largely of Mexican origin.

Commercial to choice heifers sold at the way from $18 to $23.50, the latter the top price at Los Angeles. Commercial and commercial cows were selling at $13.50 to $17.50, with some heifer cows at Los Angeles at $18 and better. Canner and cutter cows made from $10 to $14.

The supply of stocker and feeder cattle was limited on all Western markets during the month. Several loads of good stocker and feeder steers sold at $20 to $22.50 with some shorn aged yearlings at $24 at Los Angeles. Good and choice stocker calves sold at $22 to $24 with a few choice steer calves up to $25 and better.

Commercial and good slaughter calves were selling largely at $19 to $23 with good to choice feeders at $21 to $26.50.

Hogs Advance. The hog market showed a flat $1 advance over the close of December with good and choice 180 to 240 lb. butchers largely at $20 to $21 with Portland reporting a $21.50 top late in the month. Spokane reported similar butchers at $20.25 to $20.75 and similar hogs were selling at Ogden at $19.50 to $20.

Most of the choice slaughter lambs were selling late in January around $22.50 on the San Francisco market and at $22 to $23 at Portland. Choice wooled lambs sold late in January at Los Angeles at $22.50 to $23.50.

Phosphorus Affects Gains—

The phosphorus content of hay influences the growth of beef cattle sharply. So indicate preliminary tests conducted last summer at the University of California Experiment Station in Imperial County.

Two pens of cattle were fed on alfalfa hay only, during a 91-day period. One pen was fed on hay produced in a field well supplied with phosphorus. The other pen received hay from a field where phosphorus was in low supply. The hay from the plots where phosphorus was added had one-fourth of one per cent phosphorus content, while that from the low areas had but one-tenth of one per cent.

The cattle fed the better hay made an average gain of 2.19 lb. of hay per animal daily during the test period, while those eating the phosphorus-deficient hay gained but .53 lb. per head daily. While the tests were of limited nature, hay growers in the Imperial valley have indicated much interest.
Case Long-Cut Forage Harvester chops hay into palatable lengths that are easy to feed. Prevents sore mouths caused by short stems, avoids dusty, hard-to-handle feed ... saves nutritious leaves. Gathering units quickly changed in a few minutes ... let you work row crops, standing hay or windrows for silage or hay ... whether green, wilted, or cured ... with one base machine. Low-speed knife wheel handles hay gently, helps to make the Case the lightest-running forage harvester. Other reasons for its outstanding light draft include simple design with few moving parts, anti-friction bearings, oil-bath gears, high-strength steel for light weight. These features save power to cut extra tons every hour ... do an efficient job with 2-plow tractor ... with strength and capacity to make use of 5-plow power.

Case Forage Blower has big capacity to keep ahead of fast forage harvester. Spring-balanced hopper raises for truck to drive in—no backing. Unloading device (extra) empties apron-bottom wagons steadily. Flexible pipe unit easy to put up at barn or silo. See your Case dealer about this blower and forage harvester, also the standard-cut forage harvester using same three quick-change units—fine for all silage crops. Ask him about latest model of Case Automatic Baler, heavy-duty hay rakes, Eagle Hitch quick-mounted mowers.

TODAY'S LIGHTEST-RUNNING FORAGE HARVESTER

Chops Any Crop For Any Use

Hay, grasses, legumes, corn or combine straw are cut into lengths from less than \( \frac{3}{4} \) inch to 3 inches and more—for silage, barn curing, dry storage, bedding. Ball-bearing swivel spout controlled from tractor seat swings to distribute load, turns for side or rear delivery.

Get this book, also pictorial catalog or folders. Mark here or write in margin machines that interest you. J. I. Case Co., Los Angeles & Oakland

- Long-Cut Forage Harvester
- Standard-Cut Harvester
- Forage Blower
- Portable Elevator
- Automatic Baler

NAME __________________________

POSTOFFICE ____________________

STATE ________________________
More Stockmen
Protect More Calves from
BLACKLEG & Malignant Edema
with FRANKLIN
than Any Other Brand

FRANKLIN

Protection Against Disease Losses!

Franklin products provide dependable safeguards against many forms of livestock diseases. With them owners all over America are doing an effective and inexpensive job for prevention and for first aid.

SPRING VACCINATION IS THE BEST FORM OF INSURANCE

Avoid loss from Blackleg and Malignant Edema by a single shot of FRANKLIN CLOSTRIDIUM CHAUVEI-SEPTICUS BACTERIN. Start building resistance against Shipping Fever with a spring dose of FRANKLIN CORYNEBACTERIUM - PASTEURELLA BACTERIN, to be followed by a booster dose in the fall.

For Treating Calf Scours Use FRANKLIN SULFATAN Provides effective sulfa medication to intestinal infection, and aids in combating complicating pneumonia. Also gives necessary astringent action.

GET FREE CATALOG

A world of helpful information on improved methods of handling livestock is contained in the big Franklin catalog. Free from local dealers or any Franklin office.

FRANKLIN DEALERS NEARLY EVERYWHERE

Most trading centers in livestock areas have well stocked and well-informed local Drug Store Dealers featuring the Franklin line.

Pictured here is Livestock Supply Department of Brandis Drug Store, Bend, Oregon.

O.M. FRANKLIN SERUM CO.

Denver  Kansas City  Wichita  Amarillo  Ft. Worth  El Paso  Alliance  Salt Lake City  Los Angeles  Portland  Billings  Calgary  Montgomery, Alabama

FRANKLIN Calf Puller
The most efficient and economical on the market. Simple, one man operation.
Many added uses on every ranch for the detachable "Pow'r-Pull" that stretches, pulls and hoists loads up to ½ ton.
Send for descriptive leaflet.
Before the inaugural parade had started, the new Washington administration got a foretaste of some of the bitter pills that must be taken along with the privileges of political power. Among members of the Eisenhower team encountering early troubles is Ezra Taft Benson, USDA's new boss.

Benson had taken what appeared to be a cautious, even-headed approach to his new job, prior to assumption of his post. He traveled across country, visiting the West and every other major region to sound out the views of farm leaders on future agricultural policy.

Those consulted were pleased. The new secretary, they decided, was a man who could listen and learn. It was good public relations, an auspicious start for a man new to the responsibilities and pitfalls of operation in Washington.

But in his zeal to get out over the country, to work closely with leaders of farm organizations, Benson neglected to give adequate attention to the most important group of all with which he must deal: the Congress. The lawmakers have been plainly miffed at what they consider Benson's failure to "touch base" with them before making appointments.

Some old-timers on Capitol Hill view with alarm the "big-business" character of men named to the 14-member advisory committee assisting Benson in early planning. The group includes Jesse W. Tapp, Bank of America; Carl Farrington, Archer-Daniels-Midland; American Meat Institute's Homer Davidson; Seedman Robert E. Coker; Dean W. I. Myers of Cornell, chairman.

Lawmakers put out with Benson were further irritated by secrecy surrounding Benson meetings with the advisory committee. Theory is that the new secretary wanted to make plans quietly, then announce them suddenly, before those who might object could organize opposition.

The press, among others, was excluded from early meetings of the committee—a maneuver that was discovered and duly reported across the country. The stories reflected indignation with this Benson tactic.

Worried about the "bad publicity," however, the new secretary and his advisors did a quick about-face, calling reporters in on another special meeting. Nothing was said at the press conference that was not already known, but

**Profit Proven**

On over 275,000 acres of crops and pasture...

**Farmland SPRINKLER IRRIGATION SYSTEMS**

Increase the grazing capacity of your pasture... reduce supplemental feed costs with FARMLAND sprinkler irrigation equipment, proven on thousands of farms and ranches.

Put any available water supply to use with a FARMLAND portable sprinkler system that can deliver moisture where you need it... when you need it. Irrigate pasture or any crop effectively and economically.

Only Farmland Irrigation Company, Inc., manufactures a complete line of Hand-Move and mechanized sprinkler irrigation equipment to meet every crop requirement. And FARMLAND dealers have qualified specialists available to custom-design the right sprinkler irrigation system for you.

**Farmland Mechanized WHEEL-MOVE**

systems irrigate low row crops, field crops and pasture faster, easier.

**Farmland Mechanized WHEEL-TRAC**

effectively irrigate field crops and pasture without hand labor.

Take Advantage of Our Free Sprinkler Irrigation Planning Service

Write for literature and name of FARMLAND sprinkler equipment dealer in your area.

Farmland Irrigation Company, Inc.
P. O. Box 1133 • Fresno, California
Manufacturers of FARMLAND, STOUT & WYSS Sprinkler Irrigation Equip.
WHEEL TRACTOR DISCOVERY

on ranch after ranch!

Only when you see a 35 hp. wheel tractor cut or clean a ditch 44 inches wide and 24 inches deep, do you believe it.

Just watch a 26 horsepower wheel tractor throw up a high, wide border... run a subsoiler down 14 or more inches and hold it there through heavy soil.

You have to study this kind of performance on your own land. Then you will understand the full impact of the Allis-Chalmers WD and CA Tractors on western ranching. And you'll discover new long-sought work values in wheel tractors... deep tillage that surprises you.

It's the result of a new kind of engineering design... a careful match of mounted implement weight to tractor weight... plus TRACTION BOOSTER action that gets "that extra something" out of engine horsepower.

Are you missing this new, low-cost wheel-tractor earning power? Call your Allis-Chalmers dealer for a deep-tillage "showdown" test.

ALLIS-CHALMERS
TRACTOR DIVISION - MILWAUKEE 1, U.S.A.

ALL ENGINEERED AND BUILT IN THE WEST BY ALLIS-CHALMERS
Benson was credited with good intentions—and the press was mollified.

**APPOINTMENTS** to the official USDA family by Benson reflect the new secretary’s urgent desire to shift more responsibility for farm policy and programs to private farm and industry groups and to state and local agencies of government. Big question being asked here is whether answers can be found to pressing price problems in time to avoid large federal subsidies.

The agriculture department’s No. 2 man, Under Secretary True D. Morse, can be expected to reflect Benson’s thinking on this urgent problem. An economist trained in market trends, Morse insists that the free play of supply and demand, more than any governmental program,” decides whether farmers prosper.

As president of the Deane Agricultural Service in St. Louis, Mo., from 1943 until his recent appointment, Morse acquired broad experience in practical farm management and appraisal work. Many of his former firm’s studies are concerned with the concrete problem of increasing profit margins on U. S. cattle ranches.

Other major Benson appointments include:

J. Earl Coke, Berkeley, Calif.—Coke, 53, has been director of the California extension service since 1948. Formerly associated with the Spreckels Sugar Co., he became an assistant county agent in San Luis Obispo County after graduating from the University of California College of Agriculture.

It’s as simple as that! As you eliminate weeds in rangeland, you carry more animals per acre and each animal makes a better gain.

But before you start spraying weeds away, it’s best to have a talk with your Weedone® dealer or your local weed supervisor. These men will give you the real low-down on which chemical weed killers are currently doing the best job in the Western states, including California. Find out first which products give the most consistent kill without killing grasses or sterilizing the soil.

BUY THESE TWO WEEDONE PRODUCTS WITH CONFIDENCE

**WEEDONE LV-4.** One of the greatest developments in weed control. This powerful, low-volatile proved weed killer contains the butoxy ethanol ester of 2,4-D. A consistent kill under most climatic conditions on noxious weeds, such as tule, cattail, willow, chamise.

**WEEDONE BRUSH KILLER 64.** The most reliable brush killer on the market. The low-volatile butoxy ethanol ester concentrate of 2,4-D and 2,4,5-T. Best for general brush killing. Kills oaks, including poison oak, coyote, lupine, and over 100 other woody plants.

Visit your Weedone dealer or write us for information

AMERICAN CHEMICAL PAINT CO. AMBLER, PA. • NILES, CALIF.

First with 2,4-D and 2,4,5-T • First with low volatility
First with basal spraying • First with oil or water sprays

We know what they will do before we offer them to you
Hard to picture, harder to describe yet
wonderfully quiet flight is what you’ll notice most when you fly the
new 1953 Piper Tri-Pacer. “Quiet-sealed” windows, generous sound-proofing
and engine muffler make the new 1953 Piper so quiet it’s hard to believe
you’re cruising at better than two miles a minute. You appreciate it
most when you feel how rested you are after an all-day flight. Quiet flight is
just one of the many features of the fast, beautiful 1953 Piper Tri-Pacer.
Wider, longer, beautifully-upholstered cabin gives much more room for four
large people. New double-size baggage compartment with outside door accommodates
four big suit cases. New, deep hat shelf gives lots of room for articles
desired in flight. Add these fine improvements to the tricycle gear and
inter-connected controls of the Tri-Pacer and you have an airplane vastly
superior in comfort, flying ease, performance and economy. And you get them
all at no increase in price,—now nearly three thousand dollars less
than any other four-place plane. Don’t buy ’til you fly the new 1953 Piper.

1953 PIPER TRI-PACER

For farm and ranch, the ideal all-purpose airplane. Its rugged tri-cycle landing gear permits
landings on rough, unprepared fields. Over 120 mph. cruising speed gives swift cross-
country travel at no more cost than by car. Quickly removable rear seat leaves 46 cubic
feet of cargo space, easily loaded through separate rear door. Costs thousands of dollars
less than any other 4-passenger plane. Piper also builds the famous Piper Super Cub that
takes off and lands in less than 50 yards, very widely used by ranchers for hundreds of
different jobs.

See and Fly the Tri-Pacer at Your
Piper Dealer’s Now

Send for your copy of the new
full-color brochure on the 1953
Tri-Pacer and Pacer with three-
point gear. Just write Dept. Q-3.
PIPER AIRCRAFT CORPORATION
Lock Haven, Pa.
Among the West Coast delegates to the American National Cattlemen’s Assn. convention at Kansas City in January were, left to right: Glen Cornelius, Solvang, Calif.; John Guthrie, Porterville, Calif.; J. C. Cecil, Burns, Ore.

Coke's appointment as an assistant secretary of agriculture was announced by President Eisenhower in mid-January.

D. K. Broadhead, San Marino, Calif.—As Benson’s executive assistant, he will be perhaps closer than anyone else to the secretary in the operational routine at USDA. Manufacturer of radio transcriptions and electronics in recent years, Broadhead is an expert in farm marketing, especially of dairy products, poultry and fruit.

Don Paarlberg, economist from Purdue University in Lafayette, Ind.—He’ll be Benson’s chief economic advisor. Like some others close to Benson, Paarlberg is a graduate of Cornell University in Ithaca, N. Y.—a reservoir of farm experts much favored by Tom Dewey.

Howard H. Gordon, Richmond, Va.—A former executive of the Farm Security Administration, Gordon is to head up USDA’s big “action” arm, the Production Marketing Administration. (Gordon’s PMA preserve is not expected to be as vast as that of his predecessor under Branan, Gus F. Geissler, since there is every reason to believe Benson will follow through on his intentions to dismantle the large agency.)

Karl D. Loos, Washington, D. C., attorney—Loos will be USDA solicitor, Benson’s head legal counsel. As attorney for a variety of farm commodity groups, Loos has become familiar with farm marketing problems and the operations of farm cooperatives.

Romeo E. Short, Brinkley, Ark.—Appointment of Short reflects Benson sympathy with the views of the powerful Farm Bureau Federation. Short was bureau vice president until his appointment to work at USDA in the general field of agricultural credit.

Whitney Gilliland of Glenwood, Iowa—A lawyer and owner of a 160-acre farm, Gilliland is to handle

Try to overwork a ‘77’!

Hand feeding from the stack or picking up from the windrow—you can’t beat the capacity of New Holland’s twine-tie baler!

Feeding loose hay from the stack, you’ll break a pitchfork before you can overload the New Holland “77”. It’s the highest capacity twine-tie baler you can buy. It packages up to 10 tons of hay per hour!

High speed for stationary bailing pays off in the field, too. The “77” takes the windrows big as they come, kicks out up to 7 bales per minute!

How New Holland speed helps you

With speed like this, you can clear the hay off your fields just at the right stage of curing — store it with a maximum percentage of protein-bearing leaves and blossoms. Extra feed value means money in your pocket, whether you feed or sell.

Call for a demonstration

If you have a stack or a mow of long, loose hay right now, ask your New Holland dealer to bring out a “77” for a demonstration. Prove to your own satisfaction that it’s the fastest, most dependable baler you can own. And if you decide to buy, buy now. Your “77” can work for you now and be ready come summer.

The New Holland Machine Co., a subsidiary of The Sperry Corp.

Ask for New Holland Twine! This twine is certified by the United States Testing Company to have met rigid standards of quality. Look for the Seal of Approval that’s on every bale of New Holland Twine. It’s your assurance of full length, full strength, full quality.
For dehorning, hoof trimming, horn branding, tattooing, and all other work on stock where complete access to all parts of the body, feet and head is necessary, you can't beat a TECO Cattle Stock.

Patented triple-action dehorning gate holds the animal's head securely and safely. Opens to allow the animal to leave through the front of the stock.

May be moved from place to place in a pickup truck or dismantled. They're ruggedly built to high TECO standards to give years of service.

Distributed by HALL & HARMAN EQUIPMENT CO., Toppenish, Wash.

LIVESTOCK SPRAYER MFG. CO., 771 Coleman St., San Jose, Calif.

Write for complete details.

THOMPSON & GILL, Inc., Modera, California

Please send me complete information on the following TECO ranch and feedlot equipment.

- Cattle Stock
- Cattle Squeeze
- Calf Chute
- Pillars & Stockers
- Other

Name
Address
City
State

GRAND CHAMPION—Marlena Nednriej, Gardnerville, Nev., is shown with her grand champion steer at the 1952 California Polled Hereford Assn. Show held in Sacramento, Calif. Marlena is a 4-H Club girl and the champion steer was her project.

USDA relations with agricultural officials of state governments.

ACTION may have to come soon to stave off large payments from the U.S. Treasury for support of some farm prices. Tipoff on the subsidy stand of Benson will come before Apr. 1 when he must decide the future level of guarantees for dairy producers.

Milk and butter, now supported at the legal limit of 90% of parity, could be dropped to 75% the legal minimum. Benson's decision is a tough one. Big butter surpluses are threatening and could cause early embarrassment to the Eisenhower economy program.

Food exports, off 25% from a year ago, are depresssing U.S. markets and promise to complicate the Eisenhower-Benson task. Final congressional approval of a new world wheat pact (even if one is worked out in Washington in February) is in doubt. World wheat supplies are at a record level, and it is doubtful that foreign importers will go along with a price that does not require large U.S. subsidies.

INCOME tax cuts on '53 earnings now look like a fair bet. Reason is that GOP leaders are determined to end the excess profits tax on corporations when it runs out next June 30—and they don't want to be left open to charges that the party is against "the little man" by ignoring to reduce the federal bite on him.

Legislation already has been prepared that would mean a reduction of up to 50% in federal income taxes this year. Tax reduction will multiply difficulties of cutting the budget, but Eisenhower is reportedly now willing to take a chance on that.
Swift: $1,971,627,518.00

That's the amount Swift paid to farmers and ranchers in 1952 for their livestock and other agricultural products.

Quick Facts on Swift's Business in 1952:

- Total sales of all Swift's products and by-products brought in: $2,592,630,543
- Total expenditures* (including $1,971,627,518 paid to farmers and ranchers): $2,570,932,126
- Total net earnings: $21,698,417

*Each average dollar received in 1952 from the sale of Swift's products was spent as follows:

- **EMPLOYEES EARNED 11 4/10¢**
  - Wages and salaries paid to 76,000 Swift employees amounted to $296,436,431.
- **TAXES TOOK 1 4/10¢**
  - Federal, state and municipal tax bills added up to $35,256,211.
- **SUPPLIES COST 4 8/10¢**
  - Salt, sugar, containers, twine, paper, etc. accounted for $124,886,957.
- **TRANSPORTATION COST 2 3/10¢**
  - Swift products are moved an average of 1,000 miles from ranch and farm to retail stores. Freight and trucking bills were $59,056,380.
- **OTHER BUSINESS EXPENSES 3 2/10¢**
  - Depreciation, interest, research, marketing services, telephone, telegraph, postage, travel, etc. totalled $83,668,629.

- **SWIFT'S NET EARNINGS 8/10¢**
  - Net earnings of 8/10 of a cent of each average sales dollar produced a total of $21,698,417 after all costs were met in 1952.
  - Of this, $11,344,392 was paid to shareholders in dividends on their shares in the company. The balance was retained in the business to keep plants and facilities in efficient working order.

This total 8/10 of a cent of net earnings is such a small fraction of the Swift's sales dollar that it cannot have any appreciable effect on either the price of meat or the purchase price of livestock.
Introducing Farmhand's great NEW team... 4-TON "POWER-BOX" and STANDARD LOADER

FARMHAND 4-TON "POWER-BOX"—This PTO-operated unit is four major machines in one—SPREADER, FORAGE UNIT, MIXER-FEEDER and BULK HAULER. Slashes time and manpower costs on dozens of farm jobs. With Spreader attachment, four-ton pay-loads are spread with controlled concentration over 7 to 9 ft. swaths. Unit is narrow enough to be driven through the barn... low enough to clear the litter carrier or gutter cleaner discharge.

FARMHAND STANDARD LOADER—Built for fast operation around low sheds and barns, this rugged new loader has powerful 2,000 lb. lift and 3,000 lb. breakaway... makes quick, easy work of all your lifting and loading jobs. Low, compact frame goes anywhere your tractor can go. Heavy-duty construction permits fast wheeling and turning with big loads! With all its strength and durability, it costs no more—and in most cases much less—than other loaders.

CHANGE JOBS QUICKLY—Spreader attachment is quickly and easily removed. Your "Power-Box" stays busy all year around—saves time and labor on a hundred different hauling and unloading jobs. One "Power-Box" replaces four expensive single-purpose machines, reducing your machinery investment.

FORAGE HANDLING—With high, flared sides attached, the "Power-Box" is a rugged 285 bu. Forage Unit. Completely automatic unloading from PTO enables one man to handle any harvest from field to finish. Full roller-chain conveyor and worm-gear drive insure smooth, dependable unloading into trench silo or blower.

FULL-REACH LIFT—The Standard's 12 ft. full-reach lift lets you load any vehicle, even high-sided trucks, from one side with no fear of damage to equipment. Bucket is as far forward at 8 ft. height as when it rests on the ground. Note how the Standard Loader places its load in the exact center of this wide-bed truck.

FREE Illustrated Booklets!

☐ 4-Ton "Power-Box"  ☐ Standard Loader

Write: The FARMHAND COMPANY, Dept. 140
Pomona, California

Name ____________________________
Address _________________________
Town State ______________________

A Division of Superior Separator Company
Stressed Two Factors—

I have read the address which you delivered to the cattlemen at Yuma (Arizona) in December. I believe it is the best I have heard or read on the subject—you mentioned the serious menace created by government farm supports under concentrates and also the impact of the great rush to sell because of serious drought.

The speakers at our last two conventions, i.e., California Cattlemen’s at San Diego and the American National at Kansas City, laid little, if any, stress on these two factors. I really believe that because Ike campaigned on a 90% of parity to the farmers, most speakers, being like men, do not care to complain about these farm floor supports—which, in my opinion, are a continuing curse, but terrible at a time of soft livestock prices.

I think Ike made a mistake and I think he would have been elected had he advocated a no farm support plan and promised proper financing and tariff protection and orderly marketing, as Taft did.

I would like to know if we can believe the talk about the great increase of population—therefore, the great need of increased livestock numbers. In other words, I wonder if we are not about to have an over production. I think back to 1933 when the “Great” Henry Wallace claimed that 80 million was a great surplus, advocated and actually slaughtered and wasted 8 million cattle and millions of hogs and sheep.

—Hubbard Russell, Rancho Cuyama, Mancopa, Calif.

Important Job—

I was very interested in reading the article in the January issue of Western Livestock Journal titled “Can You Afford to Die?”

This is indeed an exceptionally good article on estate planning and, as the author states, it is a most important job.

As you know, I have done estate planning in Los Angeles for many years, and have letters from some of the most astute businessmen in town, as well as from their attorneys—Millar W. Hickox, CLU, Los Angeles, Calif.

The Way It Was Done—

Let me congratulate the Western Livestock Journal for the way it has posed the problem of feeding more people and especially the January cover. Also, the pictorial presentation of the proper approach.

Naturally, we are happy to see a portrait of a prize winner

CATTLEMEN are mighty particular about every phase of the development of their prize cattle. That’s why they’re so demanding about the seed they buy for pastureland. That’s also why so many insist on Ferry-Morse Pasture Mixtures, which are widely known for their high quality.

Ferry-Morse offers a Pasture Mixture—irrigated or dry-land—for every purpose, available in 50 lb. bags. You’ll find there’s a F-M mixture adapted especially for areas such as yours. These mixtures offer a longer growing season and a better balanced diet for your herd. Inquire about these high yield Ferry-Morse Pasture Mixtures at your nearest seed dealer’s. Also ask about Ferry-Morse’s Custom Mixtures.

Listen to Ferry-Morse’s Farm Review, Monday thru Saturday, 5:30-6:00 AM, KCBS
How McCormick Hay Machines can help you make more U. S. No. 1 grade hay

Greener color, more leaves, and less fibrous material make the big difference between U. S. No. 1 and lower grade hay. You can largely control all these factors at baling time with the help of fast, efficient McCormick hay machines.

With fast running McCormick tractor mowers, you can wait until protein and vitamin content are at their peak before you start mowing and still have the speed to get the job done. McCormick side rakes make loose, airy windrows for fast curing without wasting feed-rich leaves. Big-capacity McCormick balers, with gentle-action pickup, help you save precious leaves. They also help preserve the fresh taste and green color that make hay a more desirable and more profitable feed.

Fast cutting McCormick mowers help save more proteins and vitamins by helping you to cut all your hay at the peak of its feed value. You can easily mow up to 40 acres a day with a McCormick C-21-M mower mounted on a Farmall Super C tractor. You lift and lower the cutterbar non-stop, quickly and effortlessly, with Farmall Touch-Control.

NEW McCormick No. 5 side rake helps you save more feed-rich leaves. Four-bar reel with longer teeth rakes clean, handles hay gently, gives you more capacity in heavy hay. Twin-beam channel frame and low, twin caster wheels assure true trailing for straight, uniform-size windrows. Ground drive, coordinated with tractor speed, lets you rake at maximum speed, depending on your hay and field conditions.

The fast-baling McCormick No. 45 baler helps you head off weather damage by getting your hay out of the windrow in a hurry. Bales up to 5 tons of hay an hour. This one-man, automatic pickup baler makes twine-tied bales that weigh up to 70 pounds. Compact bales are pre-sliced for easy handling and feeding. The No. 45 is power take-off driven by a 2-plow Farmall Super C tractor or equivalent power.

Ask your IH dealer to show you how fast-working Farmall tractors and big-capacity McCormick mowers, rakes, and balers can help you make more U. S. No. 1 grade hay with less work and expense.
ATTEND RANGE MEETING—When the American Society of Range Management had its annual meeting in Davis, Calif., recently among those present were, left to right, J. E. Sexton, Willow, and A. L. Spencer, Winters.

Nevada picture in the sequence.—Jos. H. Robertson, head, department of range management, University of Nevada, Reno.

Optimistic Ring—

PLEASE accept my most sincere congratulations for the wonderful January issue of WLJ. Your articles were all so very interesting—the many pictures were especially good—and your "Observations" had a progressive and optimistic ring that any cowman would like. Just to look through the picture-section and study the story carried below the pictures was a real treat.

Looking back through the many years that your paper has been constantly boosting for improved livestock, more feed per acre and better management practices, it occurs to me that your WLJ has kept up with the fast pace of improvement made by the livestock industry.—D. E. Richards, Warren, Ore.

Strange Situation—

THERE are some very interesting statements in the Jan. 8 weekly issue of WLJ. I refer to your report of the Kansas City convention where you state that many newspaper clippings indicated substantial reductions in retail beef prices and quoted the president of the American Meat Institute as saying that wholesale beef prices had declined in proportion to live animal prices.

Such conditions may prevail in the Kansas City area but it is my observation that in this area any reductions in "token" class, I am not informed as to the wholesale beef prices heretofore—but there is certainly a "nigger in the woodpile." In the chain stores where

CAPITALIST AT WORK

He's in business for himself. With faith in his own judgment, he competes in the American market, producing a commodity as essential as three square meals a day.

His limousine is a streamlined cow-pony with an automatic gear shift that takes the ruggedest trails in stride. His factory is the great outdoors, his swivel chair is a well worn western saddle.

His capital and his credit he has earned for himself. To keep them working, he enjoys the cooperation of his home-town Bank of America.

Bank of America
NATIONAL TRUST AND SAVINGS ASSOCIATION
MEMBER FEDERAL DEPOSIT INSURANCE CORPORATION

DON'T expect Livestock Parasites to commit suicide

...get 100% control with SPRAY-DIP

When you treat your livestock, why use a hit or miss method that doesn't cover completely? Parasites are not likely to go looking for a place to commit suicide. Why not do a 100% thorough job and get them all automatically with a Spray-Dip.

Spray-Dip's 27 nozzles and 150 gallons per minute drenches every animal, hoof to horns, in a few seconds; leaves no spot unsaturated. It then recaptures and reuses the spray material. No clogging because of Spray-Dip's patented hydraulic filter. Economical! Get the extra 50 lbs. per head thousands of cattlemen are gaining annually through control of lice, ticks, flies and grubs. Do it with a Spray-Dip. Write for literature today!

LIVESTOCK SPRAYER MFG. COMPANY
771-L Coleman Street
San Jose, California
Willys Hurricane Engine and 4-Wheel Drive Mean
MORE POWER TO YOU

UNIVERSAL 'Jeep'® Now Available with Powerful Hurricane 4 Engine

With 20 per cent more power, the famous Universal 'Jeep' is ready to do more jobs and harder work than ever on farm and ranch. The efficient, economical Hurricane 4 Engine puts 72 h.p. under your foot, teamed with 4-wheel drive to take you through when others can't. Extra power steps up the usefulness of the 'Jeep' for tractor work, hauling, towing and countless other jobs every season of the year. See it now at Willys Dealers.

Hurricane F-Head Design for High Efficiency
Overhead intake valve and valve-in-block exhaust give better "breathing" and less susceptibility to carbon. Using regular gas, the 6.9 compression squeezes more power from every drop!

Hurricane-Powered 4-Wheel-Drive WILLYS TRUCKS

The high-compression Hurricane 4 Engine and 4-wheel drive give this rugged tonner the traction to go through mud, snow and sand that stops other trucks. Once you put this great truck to work on your place, you'll wonder how you ever managed without it! Try it out now at Willys Dealers.

WILLYS-OVERLAND MOTORS, TOLEDO, OHIO — WORLD'S LARGEST MAKER OF 4-WHEEL-DRIVE VEHICLES
PASTURGRO* helps grass make $150.00 per acre!

Tests prove it...

In Wisconsin farmers have increased their grass yield as much as 6,000 lbs. per acre. That amount of extra forage takes the place of about $150 worth of dairy feeds. And these pastures were considered good even before plant food was applied!

Illinois cattlemen state that by following good pasture management plus $20 worth of plant food, they have been able to produce 600 lbs. of beef per acre. That’s a gross income of well over $150 an acre.

On West Coast irrigated meadows, ranchers find that plant food brings back up to $7 for every $1 invested. It makes more grass and better grass...the best and cheapest feed in the world for beef and dairy herds.

PASTURGRO, Swift’s Specialized Pasture Maker with fortified growth elements, has been used for two years in north, south and western areas. From these areas come sensational reports! They tell of grass that makes over $150 an acre in beef and milk...of returns of up to $7 for every $1 invested in plant food for pasture.

Millions of People—

I have been quite awhile since I saw (Nelson Crow) in San Francisco and we have covered quite a bit of country. Last night we flew into Karachi from Delhi, having left the SS President Polk at Bombay on Dec. 14.

The one thing that impresses me on this trip is the millions and millions of people. Of all these countries we have visited so far, Japan seems to be in the best shape and seems to know where it is going. We enjoyed our visit in Japan as we have in all these places. In Tokyo we were met by one of our Arry Grande friends and he took over from there.

Tokyo has 7 million people and the number of people on the streets of Los Angeles is nothing compared with the number you see in Tokyo. All the war damage has been cleaned up. The Japanese claim the American airmen were very good shots—that they did not hit anything that was not necessary. This showed up plainly in Kyoto, a city of 1 million near Osaka and Kobe. This city was untouched and it is a very beautiful city, having 4,000 shrines and temples.

Evidence of War. Hong Kong has a very great harbor and we liked the city but had only one day there. The Communists were only 10 miles from the city but they want to keep Hong Kong open so they can get supplies. In Manila we had one day, but were not impressed by the way these people are cleaning up their city. There is plenty of evidence of war damage. In talking with our guides and taxi drivers we learned their thoughts are that we turned them loose too soon. But, I guess, it takes all these newly freed people some time to adjust themselves and get really stable government.

Singapore was a pleasant surprise. It

RED STEER

Swift's famous Red Steer Brand Plant Food comes in many analyses to help you get bigger, better crops from every acre planted.

Blennd & Brimm are Swift's specialized crop makers, with fortified growth elements for high-income crops. The extra yields you get bring back the cost and more besides.

Ask your Authorized Swift Agent or dealer about BLENN and BRIMM and what they can do for your crops. Be sure to order early!

Buy at the sign of the Red Steer

*PASTURGRO is Swift's new brand name for a plant food specially formulated for grass.
Penetrates thick masses of ear wax, and kills ear tick larvae and nymphs in all stages of development. Propellent gas drives the remedy into every crack and crevice of the ear. Thus, it does a better, faster and more efficient job of eradicating ear ticks.

This is the modern way to apply an ear tick remedy!
It's quicker, easier and much more efficient!
No probing of ear wax or manipulation of ear are needed!
Enables you to treat for ear ticks in about one fifth the time!

Also available as a "liquid remedy" for those who consider economy first.

IF YOUR DEALER doesn't stock Farnam Ear-Tick Bombs, send $7.50 for a pack of four (4) bombs postpaid. Write—
Dept. ET-06.

IN A HUDDLE—Talking finances and economics of the livestock industry while attending the recent California Cattlemen's Asso., convention were L. H. Beechinor, left, Fresno, of the Tri-State Livestock Credit Corp., and H. A. "Red" Orrison, Visalia.

was hot and sticky (being only 70 miles from the equator) but we enjoyed our stay there very much. The population is mostly Chinese in the city. At all factories and plants there were armed guards at the gates. Being Americans we could go through a rubber plant, but our taxi driver was not allowed to. They are afraid of the Commissars. Being ignorant, we took a trip to Johore on the mainland, but the native Americans living in Singapore never would think of going there. They killed a man 10 miles from Johore while we were in Singapore.

From Singapore we flew 1,000 miles north to Bangkok, Thailand. Thailand has 19 million people and could feed twice this number, for all the people are eating, not the conditions. In Bangkok 1 million people live and it is something I could write a book about. They all live on rivers and canals. We took a 4-hour boat trip and it was something out of this world—the sights we saw.

Learn or Drown. Shops, timber yards, floating vegetable markets, coffee boats—in fact, there were millions of little boats and barges. People bathing in the muddy water and also drinking it. All the babies were naked. They have to learn to swim at one year of age or they will drown. We visited some beautiful shrines and temples and saw the Siamese dancers and went to the horse races. (The nags were very small.)

From Bangkok we flew into Panang, an island of which Georgetown is the capital. This was possibly the prettiest place we have been. It is quite tropical and we picked up tin, coconut oil and rubber. Our next stop was Colombo, Ceylon. Colombo is a pretty clean city, as these cities go, with a population of about 650,000. This part of Ceylon has many elephants and in our travels in the back country we saw a great man at work. Mrs. Loomis even rode one.

It is odd to be driving up the road

The West's oldest and largest phosphate manufacturer is now producing free-flowing dicalcium phosphate with practically 100% nutritionally available phosphorus. Extremely palatable and very low in fluorine content, this higher concentrate saves handling, storage costs.

MAAS DICALCIUM PHOSPHATE
Stock Feed Grade

Typical Analysis

<table>
<thead>
<tr>
<th>Component</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphorus (P)</td>
<td>21.5%</td>
</tr>
<tr>
<td>Calcium (Ca)</td>
<td>27.5%</td>
</tr>
<tr>
<td>Fluorine (F)</td>
<td>0.04%</td>
</tr>
</tbody>
</table>

Sievings—all through 30 mesh, less than 50% through 100 mesh. Made especially to minimize sifting and separation in mixed feeds.

KNOW MORE ABOUT MAAS DCP
Write today for full details and save up to 50% in handling and storage costs.

A. R. MAAS CHEMICAL CO.
Division of Victor Chemical Works
4370 Ardine Street, South Gate, California

WESTERN LIVESTOCK JOURNAL
If you need a mortgage loan you’ll do well to send for the Connecticut Mutual correspondent near you. He has been tied up with the ranch and cattle business for years and will take into account your special needs and requirements . . . and quickly!

WARD D. ARMSTRONG
For California and Nevada Loans
2101 Shattuck Ave.
Berkeley, California

FREDERICK P. CHAMP
For Idaho, Utah and Wyoming Loans
Utah Mortgage Loan Corporation
Logan, Utah

C. A. SAINT
458 South Spring Street
Los Angeles, California

ELBERT W. ANDERSON
For Montana, Washington and North Idaho
Vermont Mortgage Company
West 918 Riverside Avenue
Spokane 8, Washington

EWART W. GOODWIN
300 First National Building
San Diego, California

HORACE A. DRYER
H. A. Dryer Company
525 Corbett Building
Portland 4, Oregon

STERLING HEBBARD
For Arizona Loans
Hotel Adams Building
Phoenix, Arizona

Or write directly to H. MARTIN TENNEY,
Second Vice President, Investments

the brand

. . . means you can depend on reliable service
from a company as careful of your interest as of its own
GLOBE HILL EILEENMERE 3507th

Calved April 8th, 1952

We don't know. He's still a calf. But, WHAT A CALF! The most promising we've ever seen. It took three breeders to buy his famous sire, Homeplace Eileenmere 999-35th. Already there are two owners of this son, Dry Creek Ranch and Ferndale Ranch are co-owners, and soon there may be a third. Look at his pedigrees:

- **HIS SIRE:** For depth, width, fleshing quality and pounds of beef, there just aren't Angus sires of all time. Pioneer Princess Elbina, 1949 Champion Angus female at Cow Palace.

- **HIS DAM:** From the Talon Pauline Family, the one that produced the "Wonder Bull of the breed." Eileenmere 487th, first in her generation is a full sister of that 'Wonder Bull." And this cow has a tremendous production record on her own part.

---

**GLOBE HILL EILEENMERE 3507TH**

**Owner**

Mr. and Mrs. Tom Stallings

Phone Santa Ynez 5141

**HORSCHER PRUETT, Charge of Registered Operations**

**Western Livestock Journal**

**84 SOLVANG, CALIFORNIA**

**MARCH 1953**

---

**Perkins Princess Elbina, 1949 Champion Angus female at Cow Palace.**

---

**Come and see . . . GLOBE HILL EILEENMERE 3507th**

You'll be as enthusiastic as we are about him and about the calves that should result from his use at Dry Creek Ranch, as well as on Ferndale Ranch. Also see other additions, and progressive moves we're making to give you the best in Angus seedstock. You'll like our powerful bull battery and the thick, deep, lowset youngsters they're siring.
NARROWING PROFIT MARGIN?

Most successful farmers and ranchers, like other businessmen, have used credit wisely to achieve more efficient, profitable operations. A long-term, 4% Land Bank loan may help your profit picture. Better investigate.

4%

Land Bank loans are made through a National Farm Loan Association near you. Look in your telephone book.

SERVING CALIFORNIA • ARIZONA • NEVADA • UTAH

**FEED...**

COTTONSEED MEAL or PELLETS for increased production and lower feed cost

Educatioonal Service

NATIONAL COTTONSEED PRODUCTS ASSN, INC.

Page 34

and to come around a curve to find a big elephant in the road. However, most of these countries the cattle are the majority of the work. They plow the fields and pull the carts. I haven’t seen a tractor in a field anywhere. Most of the fields would be too small anyway.

**A Sad Sight.** Our next stop was Bombay, a city of 5 million. Bombay was a sad sight. When you get away from the Marine Drive, 2 million people have no homes and are sleeping in the streets or any place there is room. Millions of beggars and lots of dirt. We went by the red light district where they have the girls in cages behind iron bars and they are never let out. The charge is one rupee (21 cents, American.)

From Bombay we flew 1,000 miles north to Delhi. We went to their Parliament building and saw their lower house in action. Nehru made a speech on the new five-year plan for India. Nehru is a fine looking fellow and has plenty of ability, I guess. It is going to take a good leader to straighten these 350 million people out so they can exist in a country just the size of the USA. Think of our problem if we had 350 million.

Their biggest handicap as it looks to me, is their religion. They have millions of cattle—but never eat them. The Moslems eat meat but the Hindus won’t even eat rabbit. They irrigate hundreds of thousands of acres from wells. All of the water is pulled to the surface by camels and Brahman steers.

On our trip to Agra, 125 miles south of Delhi, I saw thousands of cattle but no feed to amount to anything. The Taj Mahal is everything that has been said about it. It is really wonderful. We are on our way to Suez on our “Country Club Float,” which is what they call the SS President Polk. Cairo for Christmas. — Ivan and Christine Loomis, Karachi, Pakistan.

‘It’s Terrific’—

For a long time we have been greatly impressed with the excellent quality of the weekly Western Livestock Journal. Your issue of Jan. 8 is so informative to everybody interested in the cattle business that we couldn’t refrain from telling you that in our opinion this is one of the best livestock publications we have ever seen. It’s really out of this world. As they say in your town, “It’s terrific.”—Norman Draper, director, American Meat Institute, Chicago, Ill.

**Outstanding Feature**—

**CONGRATULATIONS** on an outstanding feature article in the January issue of Western Livestock Journal on the Dudley-Parker ranch. Your job of accurately recording, with both the written word and pictures, a story of an outstanding rancher conservationist, Bill Dudley, was surely a
It's an old saying about rattlers...

"Where there is one, there's usually two"

and the same goes for blackleg and malignant edema

Because blackleg and malignant edema symptoms are virtually identical, it's often impossible except by careful laboratory tests to tell which killer threatens your herd. All too often both lie in the soil—ready to strike. Unless you are sure, it's unwise to vaccinate against one while neglecting the other.

YOU DON'T NEED TO BE HALF SURE!
Just one easy 5 cc. dose of famous Blacklegol® "S" gives you the double-barrelled protection of long-time immunity against both blackleg and malignant edema.

And Blacklegol "S" is Alhydrox®-fortified. Alhydrox, a Cutter exclusive, holds the vaccine in the animal's tissues longer, releasing it slowly to build strong, durable immunities.

Let your Cutter Veterinary Distributor know your Blacklegol "S" needs NOW.

MARCH 1953
GRAHAM SCHOOL

ONLY SCHOOL OF THE KIND
A SCHOOL FOR CATTLEMEN

We guarantee to teach the progressive cattleman how to accomplish the following or his money back:

How to make many barren cows breed, control abortion, deliver calves, remove afterbirths, artificial insemination, diagnose pregnancy, keep cows breeding, keep bulls breeding, disease prevention, have clean healthy udders and a thorough working knowledge of the reproductive organs.

Write or Wire for Catalog

GRAHAM SCIENTIFIC BREEDING SCHOOL

School Held Five Days
8:30 A.M. TUESDAY TILL SATURDAY NIGHT

1953

Richmond, Va., Hotel John Marshall, Jan. 6-10
Wheeling, W. Va., Hotel Windsor, Jan. 13-17
Chicago, Ill., Hotel Marylands, Jan. 20-24
Niagara Falls, N. Y., Hotel Temperance, Feb. 10-14
Toledo, Ohio, Hotel Lorraine, Feb. 17-21
La Crescent, Wis., Hotel Stoddard, Feb. 24-28
Sheridan, Wyo., Hotel Crescent, Mar. 17-21

Portland, Ore., Hotel Mulnomah, Apr. 7-11
Sacramento, Calif., Hotel Sacramento, Apr. 14-18
Riverside, Calif., Hotel Mission Inn, Apr. 21-25

Graham Scientific Breeding School
FRANK B. GRAHAM, Manager
216 East 10th St., Kansas City 6, Mo.

1. Automatic, positive, locking and unlocking latch. No other latch has this positive throw action. No springs or gadgets to cause trouble. Labor costs reduced.


3. Custom planned to fit your land, crops and water supply by your Shur-Rane dealer.

Constant engineering development by Shur-Rane factory engineers keeps Shur-Rane always ahead of the field.

Shur-Rane Coupler and Elbow

Send for New Shur-Rane Catalog

Shur-Rane Irrigation Systems, Dept. W.L.
P.O. Box 145, San Jose 1, California

Please send me your colorful new 8-page SHUR-RANE Catalog and name of the nearest Shur-Rane dealer.

Name
Address
City Zone State

ATTEND CONVENTION—Among those attending the California Cattlemen's Assn. convention in San Diego last December were Mr. and Mrs. Ralph Cloyd, Cloyd, owner of a large dairy near San Diego, is also a California assemblyman.

WESTERN LIVESTOCK JOURNAL
that many people are greatly interested.

Several of us here in the bank read the Journal every time it comes and it occupies a prominent place where customers can see it. Roy Painter, vice president, Fidelity National Bank of Twin Falls, Twin Falls, Idaho.

(Editor's Note: Range and Ranch Consultant Leon C. Hurd of Missoula, Mont., directed a personal reply to Banker Painter. His letter follows.)

"I am uncertain whether you consider $66,600 as too high or too low for a ranch with a stable capacity of 200 breeding cow units. That valuation came from using 1/3 as the maximum portion of total cattle receipts needed to support the ranch land investment (leaving 2/3 for all other cost items), and using 20 cents a pound as the average for cattle over a term of years. However, if you want a more conservative appraisal as mentioned in the equation, page 187, then use 3/10 or 1/4 of total receipts instead of 1/3 to support the land investment.

"If you do use the 3/10 figure this same ranch for 200 cows will drop to about $60,000 in value, or to about $48,180 if the 1/4 fraction is used, leaving the remainder of total receipts to cover all other cost items including some margin for operating profit. Also, if you believe that cattle prices will average only 15 or 16 cents over the next several years, the value appraisal for the same ranch will drop correspondingly below the 20-cent level of the above various figures he can safely use. I shall be very glad to have your comments on which of the above figures should be used in ranch appraisals.

"As you say, replacement heifers are essential in a normal breeding ranch, as was mentioned on page 180. This was also taken into account in the average weight production figure used per cow unit. The 250-lb. figure used..."
was shaded downward slightly on the assumption that not every cow would be at maximum productivity—some older and some younger each year. The aim was to hit a reasonable average for a normal breeding herd.

The article also states that a ranch value will be affected if a very favorable permit or lease goes with it, as you suggest. Such leases or permits vary greatly; many ranchers do not have them. The equation as given in the article was for use primarily for owned land. It can be adjusted to take care of permits or leases, but this must be in accordance with a specific set of circumstances that vary widely.

"As was mentioned at the end of the article, the method must be considered as a guide rather than a hard and fast rule to tell ranch value to a dollar regardless of numerous intangibles. I hope the above will clear up the questions you had. If not, please write me direct. I will particularly appreciate your frank comments on this method."

Good Feed Is Being Wasted, Reports Livestock Authority

Good cattle feed is going to waste while some persons in high authority are urging that numbers of livestock in the world be cut down. So said Dean George H. Hart of the University of California School of Veterinary Medicine commenting on the United Nations conference on the conservation and utilization of resources held recently at Lake Success, N. Y., where it was stated that there has come when we must cut down numbers of livestock and feed all the primary crops direct to human beings.

"They present most unsound reports," Dean Hart protested. "There are enormous supplies of feed in the world, if we will just commence to think how to supply feed that can be fed to ruminating animals when it cannot be fed to pigs and chickens."

The University of California livestock authority, reporting to the state's feed dealers, pointed to experiments in which steers fed ground corn cobs combined with molasses and urea produced beef almost as rapidly as on costly shelled corn.

"The first stomach of the ruminating animal," he commented, "is the greatest fermentation sac the world has ever produced, and what can be done in that sac is just unbelievable."

"There are hundreds of thousands of tons of corn cobs that go to waste, and right here in the San Joaquin valley and the Delta region of the Sacramento and San Joaquin rivers, there is a great waste of by-products."

PEERLESS Portable - Stationary MILLs

CRIMS-CRACKS All Feed Grains WITHOUT DUSTING

GIANT 10-lb. diameter Ton-Cart, chrome-rolled rolls crack or crack grains better, faster, with less power. 12 Portable and Stationary Models. PTO and V-Belt drive. Farm, Feedlot and Mill sizes.

FREE LITERATURE — Gives full information, capacities and prices. Write to:

PEERLESS

JOPLIN, MISSOURI

Dept. 501

THE

POWDER RIVER

Branding Chute

Is FAST...

Streamline your livestock handling with this one-man operated chute, fully adjustable, fully portable, fully accessible for all operations that require the speedy confinement of cattle. Instant release features. All steel for years of rugged duty.

Manufactured by

Commercial Welding Co.
Rexer, Oregon

Price $295.00

CONTACT

MARVIN WENDT
IN.

Rt. 1, Box 290
CALIF.

Manteca, Calif.

Phone: Stockton 2-6945

ELSEWHERE THE MANUFACTURER

DON'T WAIT FOR A RAINY DAY

RAIN BIRID SPRINKLERS

give you water whenever you need it
...where you need it!

From California to Timbuktu, where irrigation is the problem, Rain Bird Sprinklers are the answer. They save water, stop erosion, provide even distribution of water at low cost, less labor.

There's a Rain Bird Sprinkler designed especially for your irrigation problem. Consult our research department today. No obligation, of course.

NATIONAL
RAIN BIRD SALES & ENGINEERING CORP.
AZUSA, CALIFORNIA

Page 38
Announcing—

**NEW PIONEER 919 BRAND**

The first completely processed Alfalfa seed!

**BERKELEY, CALIF.** New Pioneer 919 Brand Alfalfa seed—is an entirely different idea in Alfalfa—is now available from your local Northrup King dealer. It is the first completely processed Alfalfa seed and promises you better crops than ever before!

New Pioneer 919 is four ways better than ordinary brands of Alfalfa seed:

- It's Wes-Gro processed—an exclusive NK process that greatly reduces “hard seed” content, ups germination.
- It's Arasan-treated to give thicker stands and better yields.
- It's area-blended for better adaptation in your own growing area.
- It guarantees a purity of at least 99.9%, a germination and hard seed total of at least 92%. These Pioneer minimums are higher standards than prevail anywhere, on any brand.

NK Can Buy Best Seed

Only Northrup King offers you a scientifically blended Alfalfa because only NK has buying stations and processing plants in all important Alfalfa seed producing areas. Thus, unlike ordinary Alfalfa seed—which is merely recycled seed, of sometimes dubious background—New Pioneer 919 is a blend of seed of known origin and highest quality.

But NK doesn't stop with blending. All New Pioneer 919 is also treated with Du Pont's Arasan, which kills the seed- and soil-borne fungi that cause seed decay, seedling blight, damping off, and root rot. Arasan has increased Alfalfa stands up to 150%.

For more facts on New Pioneer 919, send me free and postpaid:

- **Alfalfa Folder**—the story of New Pioneer 919 Brand Alfalfa seed:
- **Westland Pasture**—how to establish pastures and improve range lands.
- **Westland Pasture Journal**—seed and pasture news.

Research-Service Dept. 
Northrup, King & Co., 
Berkeley, California

Please send me free and postpaid:

☐ **Alfalfa Folder**—the story of New Pioneer 919 Brand Alfalfa seed:
☐ **Westland Pasture**—how to establish pastures and improve range lands.
☐ **Westland Pasture Journal**—seed and pasture news.

Name ..................................................
Address .............................................
NK Dealer ...........................................
His Address ........................................

**FREE • CLIP AND MAIL**
Fill "Old Scratch" with waste oil, add insecticide, and place near the salt tub and watch your stock rub and scratch, killing grubs, lice, ticks, screw worms, mange mites and insects. "Old Scratch" is also effective in helping cure skin diseases, warts and pink-eye. Will also save fences.

"Old Scratch" is a simple machine—no pumps—no valves—no diaphragms—no jets—nothing to clog up—no brushes to replace—positive oil flow adjustment—18 gallon capacity—portable—fully automatic—completely all metal construction.

"Old Scratch" is built to resemble a guy-wire, a patented design that enables the animals to scratch or rub any place on the body and to fit any size ranch animal.

Free information on "Old Scratch", Insecticides and Livestock Pests

SEE YOUR LOCAL AGENT or ORDER DIRECT

Old Scratch, Inc.
OF AMARILLO, TEXAS

Box 3297 Ph. 4-2044, 4-2110

BIGGEST IRRIGATION NEWS

"JEEP"

DRIVEN IRRIGATION PUMP

Combining the famous "Jeep" engine performance with Gorman-Rupp pump efficiency and dependability.

The powerful Willys "Jeep" engine, heat exchanger cooled, saves 5% engine H.P. Excellent performance, from 250 G. P. M. at 120 pounds to 600 G. P. M. at 55 pounds. Serves both high pressure and medium pressure systems. Thirty gallon fuel tank. Lowest operating cost. Ask for Bulletin 2-IR-11-JX

HEREFORD BUYERS—H. G. Vincent and his son Buck, commercial cattle men from Glennville, Calif., discuss range bulls which they purchased at the recent San Joaquin Valley Hereford Breeders Assn. Sale at Tulare. The Vincents were important buyers there as well as at the 1952 Great Western registered Hereford sale in Los Angeles.
Machinery Increases Need
For Conservation Measures

Although modern machinery has stepped up the capacity of the individual farmer to produce, it has also increased the danger of soil deterioration and erosion. Modern machinery and other improved methods of farming have helped to increase yields and, as a result, fertility is being taken out of the soil at more rapid rate. During the past 15 years there has been a decided shift from horses and mules to tractors and trucks. This has meant the release of nearly 30 million acres for the production of cultivated food and fiber crops for people instead of hay and close planted feed crops, and thus has opened the door for greater soil losses. It also means that organic matter is being worked out of the soil more rapidly.

Unless steps are taken to restore organic matter and keep the soil in good condition, modern machinery could be a tool in the hands of farmers for destroying their land rather than building it up. In an effort to step up conservation operations, PMA committeemen are helping farmers in checking conservation needs on their farms and acquainting them with the assistance available under the Agricultural Conservation Program. Conservation practices which are most urgently needed are being emphasized.

How to treat your telephone

The best way to spruce up your telephone is to polish it with a soft, dry cloth... never with water or any other liquid. You'll find that it'll always be ready to serve you better, too, if you keep these simple pointers in mind: Avoid "gadget" attachments... keep cords free of doorways where they may be pinched... and always keep water away from wires and fittings.

*it's precision-built* ... and it can develop ailments if it's dropped.

So make sure the stand your telephone sits on is solid... and located in a place where the instrument won't be accidentally knocked off onto the floor.

Pacific Telephone

---

**Profits From Pasture**

In Florida experiment station tests ordinary unfertilized carpet grass pasture produced 75 lb. of beef cattle gain per acre. When fertilized, the gain increased to 148 lb. to the acre. Fertilized legume-carpet grass pasture produced 219 lb. of gain to the acre, and fertilized white clover-carpet grass pasture produced 619 lb. of gain to the acre.

---

**NON-PHYTIN PHOSPHORUS**

Low Cost—High Availability

**KELL PHOS**

Plus 26 Trace Minerals

H. V. NOOTBAAR & CO.

890 S. Arroyo Pky, Pasadena 2, Calif.

465 California St

San Francisco, Calif.

---

**TALL WHEAT GRASS SEED**

High Quality—Reclaimed

Alkali Tolerant—Vigorous Grower

Produces good liveweight gains when pastured while salty areas are being reclaimed thru irrigation and drainage.

We have 1,000 acres planted and will plant another 1,500 acres.

NEVADA NILE CORPORATION

LOVELOCK, NEVADA
Profiltometer—
California Man Develops Dwarfism Detecting Device

by ROGER PIRIE
Pasture Specialist
with DALE BUTLER

ADDITIONAL ADDITIONAL CLOVER TO NEW PASTURE PLANTING IS DANGEROUS. We hear from some of our readers who are concerned about the slow germination and growth of clovers, particularly Ladino, in their new pasture mixtures. Because of this condition they decide to add more clover. This practice is dangerous—You are sure to have bloat troubles if you do it slow.

If clover grows too rapidly it will choke or smother the grasses, so it’s better if the clover doesn’t show up too well until the grasses are well established. The grass mixture will always be weak and out of balance and much danger of bloat is possible if clover predominates.

DALLIS GRASS seed is slow to germinate, requiring both heat and constant moisture. When used in your mixture, this seed will not germinate until June, July or August of the first summer after planting, and then it must have constant moisture to establish a good stand. A few seeds may germinate earlier, but only a very small percentage. Dallis grass seed must also have the direct rays of the sun—it does not do well in the shade; therefore, the pasture stand should be kept fairly short, at least at intervals, to permit the Dallis Grass seed to germinate and become well established. When used in a mixture, it will not rot when planted in the fall or winter, but will stay dormant until the following summer. This grass is a hot weather grower, and is not recommended for cool or cold climates.

BLUE PANICUM, a summer grower, stands extreme drought. This grass grows like Sudan and to the same height. It has the advantage of being a true perennial, growing from year to year without replanting. It does NOT contain prussic acid as Sudan sometimes does. It is usually planted in three foot rows and cultivated. The method requires 2 lbs. of seed per acre.

As a service to livestockmen and farmers, Dale Butler has published a report of his over 20 years experience in an informative booklet entitled “EVERGREEN PERMANENT PASTURES.” Obtain your FREE copy from DALE BUTLER’S PASTURE MIXTURES, INC., DEPT. A-6, UNION STOCKYARDS, LOS ANGELES 58, CALIF.

Dr. Paul Gregory and his profilometer came into national prominence in the livestock world during 1952. Dr. Gregory is with the University of California. His profilometer is a simple device for measuring and recording the curvature of the frontal portion of an animal’s skull.

His theory, upon which use of the profilometer is based, is that “carriers” of the dwarfism characteristic in cattle have a common, peculiar curvature of frontal skull. By detecting these carriers before they are placed in breeding service, or before a breeder or range man has a herd of their offspring, much of the dwarfism can be averted.

If the profilometer tests stand up, and the figures indicate that they are standing up remarkably well, this simple device may well become one of the biggest boons to the entire cattle industry. Because dwarfism appears to be a problem in practically all breeds, and heretofore detection of the “carriers” was possible only through appearance of dwarfs in their progeny.

The profilometer could speed the process of developing “clean” families and “clean” herds, a process upon which leading breeders are now working and making substantial progress, but which is relatively slow.

Greater Meat Output Needed To Feed Growing Population

Meat production in the United States will have to be expanded to about 25 billion pounds a year by 1961 if meat consumption is to be maintained at a yearly level of 140 lb. a person. The nation’s population is increasing at the rate of 2,000,000 to 2,500,000 people annually. In other words, every day there are 7,000 more persons to eat three meals a day.

Let Kelly Pipe Company help you with your pipe and irrigation problems.

Largest stock on Pacific Coast of new and reconditioned pressure tested pipe. Temporary or permanent quick coupling lines for rent or for sale.
Farm Protection—
Agricultural Workers Carry Less Insurance Than Others

Farmers now carry more of all kinds of insurance than ever before, but they still make less use of it than do most other occupational groups. Farming is naturally a risky business and it is neither practical nor possible to insure against all or even most of its hazards. Even if insurance against all hazards were available, the premiums for it would take a significant part of one's income and add to already high fixed farming costs.

Each farmer should examine his own operations to determine the risks that are too large to face without insurance or reserves. In general, small and frequent losses should be considered as regular expenses, and not to be insured against. The possibilities of the larger but frequent losses should be examined to find the most efficient method of protection.

It costs money to operate any kind of insurance system, but some methods are more efficient than others. Long-term or group policies reduce the cost of selling. Premium-collection costs can be reduced by several methods, and considerable expense can be saved by not insuring the smaller and more frequent losses.

Hospital Insurance. More than half of the people in this country now have some kind of hospital insurance. But a

CONCRETE MASONRY
is durable, money-saving construction

Experienced farmers and ranchers know that when they build new structures first cost is by no means the only consideration. Of equal importance are the future upkeep and life of the building.

For thrifty construction concrete masonry is the ideal structural material. Its first cost is moderate. Its maintenance expense is low. It lasts a lifetime. Result: low annual cost.

Besides, concrete masonry can't burn. It can't decay. It defies rats, termites and storms. Then, too, concrete masonry structures are dry and comfortable in any season.

Call on your local concrete products manufacturer for help in using concrete masonry construction. Always insist on concrete masonry units which comply with the specifications of the American Society for Testing Materials (ASTM).

PORTLAND CEMENT ASSOCIATION
816 W. FIFTH ST., LOS ANGELES 17, CALIF.
A national organization to improve and extend the uses of portland cement and concrete . . . through scientific research and engineering field work

BLUE RIBBON YEAST
FOR LIVESTOCK
GET THE MOST FROM YOUR FEED
In these days of high-priced feed it will pay you to become better acquainted with the dividends of feeding Blue Ribbon Yeast, a live yeast culture.

GET EXTRA FEED VALUE FOR YOUR MONEY
Add BLUE RIBBON YEAST to whatever you're feeding, whether dry or green. A little goes a long way . . . only 30 lb. to the ton.

Try BLUE RIBBON YEAST in the feed lot and use it in your breeding herd.

Dealers and Agents Wanted Write Today for Information
new in the new standard packages

Your dealer now has CF&I Baling Wire in a new package. You'll find it's no longer labeled according to the various makes and models of automatic balers. New standards from the American Society of Agricultural Engineers specify baling wire by coil size.

Today, you'll find CF&I Baling Wire in three coil sizes... one of these sizes will fit your automatic baler regardless of its make or model. Your CF&I dealer will see to it that you get the right size. Now, more than ever, it is important you specify baling wire by brand... be sure you ask for CF&I Baling Wire.

ON BALING WIRE...

recent survey indicates that in proportion to their numbers twice as many city residents use hospital insurance as do farm people. Moreover, employed city workers are three times as likely to be insured as are farm workers. One reason for this difference in amount of hospital insurance carried by farm and city people is its availability to most city people as group insurance.

Group policies are written by such organizations affiliated with the Blue Cross, other independent organizations, and by many insurance companies. A group may consist of employees in an office or factory, members of an organization, etc. Only one master policy is made out. The individual policy certificate under the master policy. The list of people covered in the group may be revised from time to time. The premiums are sent in for all members of the group at one time. And, most important of all, the policy does not go into effect unless a large proportion of the group join in the plan. This reduces the problem of "selectivity" or the tendency for those to join who are most likely to need hospital care. Selectivity increases the cost of coverage, and the premium rate the insured has to pay.

The cost of selling group insurance and keeping it in force is less than for individual policies. By means of group hospital policies, city workers are able to budget their hospital costs as small regular payments, thus eliminating much of the financial risk of large and unexpected bills.

Group Basis. Farmers are more accustomed to carrying their own risks and no doubt many have felt, at least until recent years, that they could not afford the cost of hospital insurance. Moreover, hospitals were not readily accessible to many farm people. But in recent years many additional hospitals have been built in predominantly rural areas. For example 59% of the general hospitals built with Hill-Burton Federal aid funds were in towns of less than 5,000 population. Three out of four farm babies are now born in hospitals, as compared with only half in 1940 and one-tenth about 20 years ago. More farmers could benefit from hospital insurance if it were more

"If you don't want it, don't eat it. I'll put it in daddy's lunch tomorrow."
INDUSTRY LEADERS — Two well-known figures in the livestock industry are shown as they got together at the California Cattlemen’s Assn. convention, held in San Diego last December. Harvey McDougal, left, Collinsville, Col., chats with Sam Hyatt, Hyattville, Wyo., president of the American National Cattlemen’s Assn.

Marketing and purchasing cooperatives in a few states now offer group insurance to their farmer members at reduced rates. Premiums are deducted from members’ checks or refund and are remitted in bulk to the insurance company.

Insurance costs can also be reduced by the use of deductible policies. A farm organization in Minnesota recently increased the coverage of its (group) hospital insurance from $5 to $7 a day, without increasing the premium rate, by requiring that the first $32 be paid by the member.

Deductible Types. Deductible types of insurance are considerably cheaper when most of the losses are small. An individual can carry his own risk of small losses cheaper than anyone else because in so doing there is no outside cost involved in adjusting or appraising the small losses and keeping records on them. Insurance is best used as a means of protection against losses that are too large for the individual to bear alone.

Experience in many lines of insurance has shown the soundness of the deductible principle. For example, an automobile collision policy on damage to your own car will cost less than half as much if you agree to pay the first $25 of such damage, as compared with full coverage, and if you agree to pay the first $100 on every loss, the premium is only about one-fifth of the cost of full coverage.

Many farmers carry windstorm insurance on their buildings and other farm property. Small claims are frequent in this type of insurance. They often result from damage to roofs, widely available to them on a group basis. Marketing and purchasing cooperatives in a few states now offer group insurance to their farmer members at reduced rates. Premiums are deducted from members’ checks or refund and are remitted in bulk to the insurance company.

Insurance costs can also be reduced by the use of deductible policies. A farm organization in Minnesota recently increased the coverage of its (group) hospital insurance from $5 to $7 a day, without increasing the premium rate, by requiring that the first $32 be paid by the member.

Deductible Types. Deductible types of insurance are considerably cheaper when most of the losses are small. An individual can carry his own risk of small losses cheaper than anyone else because in so doing there is no outside cost involved in adjusting or appraising the small losses and keeping records on them. Insurance is best used as a means of protection against losses that are too large for the individual to bear alone.

Experience in many lines of insurance has shown the soundness of the deductible principle. For example, an automobile collision policy on damage to your own car will cost less than half as much if you agree to pay the first $25 of such damage, as compared with full coverage, and if you agree to pay the first $100 on every loss, the premium is only about one-fifth of the cost of full coverage.

Many farmers carry windstorm insurance on their buildings and other farm property. Small claims are frequent in this type of insurance. They often result from damage to roofs,

Please mention... WESTERN LIVESTOCK JOURNAL

When Writing Advertisers

SAVE valuable calves, cows, foals

with E-Z puller

Use Also For

½ TON HOIST
WIRE STRETCHER
or wherever a sturdy power tool is needed

DEALERS WANTED
Write for details on your firm letterhead.

MAIL COUPON TODAY! Get FREE pictures, prices, details on how the E-Z Puller saves calves, foals, mothers! How you can use it for building better fences, hoist heavy loads, do dozens of lifting and pulling jobs. No obligation. Mail coupon NOW.

WESTERN LIVESTOCK SALES AND SUPPLY, 4617 Washington Street, Denver, Colo.

Gentlemen: Without obligation please send me pictures, prices and details on your guaranteed E-Z Puller.

Name ____________________________

Address ____________________________

P.O. __________ State ________

(Copies of coupon available at Newsstand or Dealers, send for your nearest dealer.)

MAIL COUPON TODAY!
Creep-Feeding PURINA Paid

$8.91 PER CALF ABOVE FEED COST

Purina ranch demonstrations, run for several years with more than 1,240 head of cattle, show these benefits.

1. UPGRADING ... 34% more Choice and Good calves.

2. HEAVIER CALVES ... Creep-fed calves averaged 39½ lbs. more than non-creep mates.

3. BETTER COW CONDITION ... Cows with creep-fed calves came through 44.8 lbs. heavier.

4. HIGHER DRESS-OUT ... Average yield of Choice calves is about 58-60%, Good calves about 56-59%.

Purina ranch demonstrations, run for several years with more than 1,240 head of cattle, show these benefits.

1. UPGRADING ... 34% more Choice and Good calves.

2. HEAVIER CALVES ... Creep-fed calves averaged 39½ lbs. more than non-creep mates.

3. BETTER COW CONDITION ... Cows with creep-fed calves came through 44.8 lbs. heavier.

4. HIGHER DRESS-OUT ... Average yield of Choice calves is about 58-60%, Good calves about 56-59%.

Purina ranch demonstrations, run for several years with more than 1,240 head of cattle, show these benefits.

1. UPGRADING ... 34% more Choice and Good calves.

2. HEAVIER CALVES ... Creep-fed calves averaged 39½ lbs. more than non-creep mates.

3. BETTER COW CONDITION ... Cows with creep-fed calves came through 44.8 lbs. heavier.

4. HIGHER DRESS-OUT ... Average yield of Choice calves is about 58-60%, Good calves about 56-59%.

Purina ranch demonstrations, run for several years with more than 1,240 head of cattle, show these benefits.

1. UPGRADING ... 34% more Choice and Good calves.

2. HEAVIER CALVES ... Creep-fed calves averaged 39½ lbs. more than non-creep mates.

3. BETTER COW CONDITION ... Cows with creep-fed calves came through 44.8 lbs. heavier.

4. HIGHER DRESS-OUT ... Average yield of Choice calves is about 58-60%, Good calves about 56-59%.

Purina ranch demonstrations, run for several years with more than 1,240 head of cattle, show these benefits.

1. UPGRADING ... 34% more Choice and Good calves.

2. HEAVIER CALVES ... Creep-fed calves averaged 39½ lbs. more than non-creep mates.

3. BETTER COW CONDITION ... Cows with creep-fed calves came through 44.8 lbs. heavier.

4. HIGHER DRESS-OUT ... Average yield of Choice calves is about 58-60%, Good calves about 56-59%.

Purina ranch demonstrations, run for several years with more than 1,240 head of cattle, show these benefits.

1. UPGRADING ... 34% more Choice and Good calves.

2. HEAVIER CALVES ... Creep-fed calves averaged 39½ lbs. more than non-creep mates.

3. BETTER COW CONDITION ... Cows with creep-fed calves came through 44.8 lbs. heavier.

4. HIGHER DRESS-OUT ... Average yield of Choice calves is about 58-60%, Good calves about 56-59%.
This period is usually seven days. As with other forms of insurance, the
waiting period eliminates a relatively high proportion of the claims, reduces
the cost of coverage, and makes the insurance serve its most useful pur-
poses.

Other Varieties. Another example of deductible insurance was offered re-
cently by several companies in connection with various types of medical and
hospital insurance. Under them, the in-
sured bears the first $100, $300, or
$500 of the cost of each illness and
20 % of any additional cost. The other
80 % of the excess above the deductible
amount is payable by the insurance
company, usually up to a limit of
$5,000. At least one company also
makes its deductible available as a
family-budget amount, so that costs
for all members of the family during a
specified period may be applied toward
satisfaction of the "deductible."

Deductible medical and hospital insur-
ance would seem to be adapted to the
needs of some farm families, pro-
vided it can be made available as group
insurance. Farmers usually can pay
their small medical and hospital bills
but they still need some type of in-
surance to help them keep going when
catastrophes strike.

Experience has shown that hospital
and medical costs increase with ad-
vancing age, also as family incomes go
up. And some families seem to want
more of such services than others do.
The wide variety of insurance and
medical care plans now being operated
will be useful guides for the future.

Pasturing Small Grains—
Pasturing of small grains usually
will mean lower yields and later har-
vast, but this may be offset by the
value of the grazing. Such pasturing
needs to wait until the grain is well
established and before it begins to
joint. The weather should be dry and
the soil firm, or the livestock might
damage the grain and soil.

Among the crops furnishing good
pasture with least injury to the crop
are barley and oats. Rye will not pro-
duce as much total feed as these two,
but it provides a longer pasturing sea-
son and produces feed during cold
weather.

Under certain conditions, pasturing
may be an advantage to grain produc-
tion. If very early varieties are used,
their maturity may be delayed by pas-
turing enough to prevent injury by
spring frosts at heading time. By pas-
turing a heavy growth, the vigor can
be reduced to avoid severe lodging.

On many fields, nitrogen fertilizers
are needed to provide rapid recovery
from pasturing; and also good growth.
Applications should be made at plant-
ing time and after each pasturing. If
the field is fertilized, one pasturing re-
duces grain yields very little. However,
two grazings cut yields considerably
and with three, grain production usu-
ally is not practical.

NEW! LONG-ACTING
PENICILLIN EFFECTIVE
AGAINST PNEUMONIA

Single Injection of
Bicillin® L-A Gives
Blood Levels Lasting
a Week or More

A single injection of Bicillin
L-A has proved highly success-
ful in treatment of pneumonia
in mature cattle.

Penicillin blood levels fol-
lowing a single injection of
Bicillin L-A last up to 9 days.
In contrast, only 24 hour levels
are obtained from similar dos-
ages of procaine penicillin.

Controls shipping fever

Bicillin L-A is highly effec-
tive in preventing respiratory
infections associated with the
shipment of cattle.

Other advantages of Bicillin
L-A are:

a. Economy through fewer
injections

b. Minimal handling of ani-
mals

c. Improved animal health
on farm or ranch.

Convenient dosage forms

Injection Bicillin L-A is avail-
able in 1 cc. Tubex® car-	ridge, containing 600,000
units, with sterile needle; 10
cc. vials of 2 million units
(200,000 units per cc.); 50
cc. vials of 10 million units
(200,000 units per cc.).

Injection Bicillin L-A is a
product of WYETH, Phila-
dophia 2, Pa.

Fyeth

*Trademark
Feed your roughage sweetened with MOLASSES ... and save money 2 ways

1 Cane Feed Molasses (real blackstrap) makes even off-grade roughage and poor forage palatable. Stems and coarser parts, normally wasted, are often entirely consumed when mixed with Molasses.

2 Unusually rich in carbohydrates, Cane Feed Molasses can replace a major portion of your grain ration. At today’s low prices it costs much less than you’d have to pay for equal feed value in grains.

* For information on feeding methods and delivered prices, write, wire or phone ...

Yield Factors—
Fertilizers, Pesticides
In Good Supply for ’53

By Wylie D. Goodsell
Bureau of Agricultural Economics, USDA

If farmers are to produce high crops again this year, fertilizers and pesticides will of course play a big part. For the country as a whole, yields per acre have increased by nearly a half in the last 30 years and one of the most important factors has been the greatly expanded use of fertilizer and lime. The increased use of pesticides also has played a big part.

What is the situation as to supply this year of these important production items?

In order to take care of the increasing needs of farmers, increased facilities for the production of fertilizers have been encouraged by the department of agriculture; and the aggregate supply of the three primary plant nutrients available for the new year probably will exceed the record amounts of last year by about 12%. This estimate assumes that domestic production will continue as expected, and that the usual import-export balances will prevail.

Nitrogen: The supply of nitrogen available for the 1952-53 crop season is presently estimated at 1,585 thousand tons. This estimate is based on current information as to when a number of new synthetic ammonia plants are expected to be completed, allows for some increased production at by-product plants, and assumes about the same import-export balance as in 1951-52. The present estimate represents an increase of slightly more than 11% above the reported 1951-52 supply of 1,425 thousand tons.

It is estimated that the supply of solid nitrogen materials (dry nitrogen) for 1952-53 represents approximately 62% of the total supply and solutions and liquid materials (wet nitrogen) 38%. For the previous year these percentages were approximately 65 and 35%.

Phosphates: The estimated supply of phosphates available this season is about 10% above the 2,235 thousand tons used last season. Producers of superphosphates and related phosphate fertilizer materials were able to overcome some of their sulfur and phosphoric acid problems during the 12 months ending June 30, 1952, with the result that production was larger than expected. Assuming some continued improvement and the availability of new sources of sulphuric acid, the supply of phosphates for 1952-53 is forecast at 2,465 thousand tons of available phosphoric oxide (P2O5). An additional 300 to 350 thousand tons of total phosphoric oxide can be expected in the form of ground phosphate rock and other materials.

Potash: The supply of potash (K2O) for fertilizer purposes will reflect production by new facilities plus increases

Page 48

Western LIVESTOCK JOURNAL
by older operating units. Some increase in imports may occur. Exports also are expected to show some increase. Taking these factors into account, it is estimated that the 1952-53 crop will be around 1,850 thousand tons of potash. This amount is about 17% above the reported 1951-52 supply of 1,850 thousand tons.

Factory capacity is ample to produce all the supplies of pesticides needed by farmers. Supplies in 1953 are therefore expected to be adequate, provided farmers make their needs known early in the season.

The problem of distributing an adequate supply of finished pesticidal preparations to control pests of particular crops has become highly complicated. It is no longer possible to manufacture and to distribute all the pesticides needed by farmers within a few weeks before they are to be used. Plans, therefore, should be made as early as possible to purchase at least enough for minimum needs. The rate of production during the first half of 1952 was higher than during the same period a year earlier. The prolonged drought during the past summer, in a large part of the country, reduced the intensity of pest infestations, particularly in the South, and the quantity of pesticides used was less last year than in 1951. Consequently, plentiful stocks of many important pesticides have accumulated and are depressing current production of certain materials.

Prices Stable: Retail prices of some important pesticides are lower than a year ago, while others are mostly unchanged. Prices in 1953, however, for most finished pesticidial preparations and mixtures are not expected to differ greatly from those in 1952.

Prices paid by farmers for fertilizer in 1953 may be 3 to 4% higher on the average than last year, largely as a result of increased freight rates. Since most of the fertilizer is produced in the East and Southeast, farmers in the West and Midwest, being farther away, will feel the pinch of higher prices more than will those in other areas. Farmers in the Southeast probably will pay little or no higher prices for their fertilizer than they paid last year.

Fewer But Bigger Farms—

American farms are getting bigger—but there are less of them. Ten years ago the average size of U. S. farms was 174 acres. Today it is about 215 acres. The average farm today produces for about 20 people. Nearly 25 of these live off the farm. Back in 1930 the average farm provided for less than 20 people.

If the population continues to increase at the present rate, by 1975 there will be 35 people depending on the average farm; assuming that the same acreage per farm remains the same. However, if the present trend continues, there may be still fewer farms and even more people depending on each farm.
MoorMan's Range Minerals is ALL mineral—contains no unnecessary ingredients

MoorMan's Range Minerals for Cattle is a complete mineral feed specifically designed for range cattle. It contains 12 mineral ingredients—all the minerals cattle on range are known to need. MoorMan's Range Minerals for Cattle is balanced scientifically to do these things for your cattle:

1) help you get a better calf crop by providing complete minerals that help the mother cow build a stronger, thriftier calf...and provide both the trace and base minerals that help reduce or eliminate breeding problems.

2) help keep mother cows in thriftier condition before calving—by helping them get more nourishment from your grasses and roughages.

3) help your calves develop faster—by providing the essential minerals for a good flow of milk from mother cows...by adding to feed value of grass and roughage.

Available in Both Block and Granular Form. MoorMan's Range Minerals for cattle comes in 2 convenient forms—Handy-to-Handle Blocks or Waste-Reducing Granular (will not blow away). Many cattlemen use a combination of both.

Special Minerals for Alkali Areas—MoorMan's Special Range Minerals is available for animals in alkali areas where a natural desire for essential minerals is often lessened by an abundance of salts, or alkali salts in water or forage. Animals in these areas need minerals badly—and Special Range Minerals contain a palatability agent that induces proper consumption.

Ask your MoorMan Man about advantageous contract prices on large quantities. Or, if a MoorMan Man is not readily available, write, wire or phone Moorman Mfg. Co., Dept. F3-3, Quincy, Ill.

MoorMan’s
(Since 1885)
MAKERS OF PROTEIN AND MINERAL CONCENTRATES
FARMERS AND RANCHERS NEED, BUT CANNOT RAISE OR PROCESS ON FARM OR RANCH
Beef Is a Retail Problem, Too!

By R. B. CORBETT*

Agricultural Counsel, National Assn. of Food Chains

ALMOST everybody in the cattle and beef industry from producer through retailer has been seriously hurt during the past two years. In the last six to eight months, the producers have gone through one of the most costly price adjustments in history. In the 1951-52 season the cattle feeders lost heavily. With the imposition of OPS price ceilings early in 1951, both the packers and retailers were thrown into heavy losses. Not only were many retailers thrown into the red, but the flexibility needed for effective merchandising was completely killed and rigid, unrealistic price ceilings took its place.

Since retailers were among the first to be hurt, and since the reasons for their losses are not understood, a brief discussion on that part of the industry may be helpful. Unfortunately, the operations of the retail meat industry are not simple and no simple explanation tells the whole story.

The heart of the retail problem is found in carcass cut-out, plus ceiling prices that could not be obtained in the market. To illustrate, a cut-out test of a side of beef was used last August. This test is reasonably typical, though there would be some variation in almost any duplication of it. A company using today's retail trim and cut methods could not get the margin OPS figured. Good trim methods that have won consumer confidence and patronage brought losses under OPS ceiling prices and controls. More important, OPS prices on many cuts could not be obtained. For example, the ceiling on chuck roast was set by OPS at 77 cents per pound. The company which made the test knew, as did all others, that this was out of the question, and set a price of 59 cents per pound. Chuck roasts still piled up in the stores and every three or four weeks a week-end sale of chuck roasts at 46 or 47 cents per pound was necessary to move them.

Reason for Confusion. The greatest single reason for the confusion on meat prices is that the prices of certain cuts have been compared, but not the prices of all the cuts which come from a side of beef. Chuck roasts sold during most of 1952 in many companies from 18 to 31 cents per pound below ceiling. A loss of 20 cents per pound on one cut that equals 10% of the side is a loss equal to 2 cents per pound on the whole side. At the same time, steaks were bringing ceiling prices and could have been sold for more than the legal "lids" allowed. Returning to the test, over and above the loss due to better trim, the margin on 100 lb. of carcass meat was not the $12.62 allowed by OPS ceilings but only $5.68. The important point to producers is that this loss between OPS ceilings and actual prices was equal to $4.16 per 100 lb. of live animal.

In addition to the retail losses, the prices of hides and tallow fell so drastically that another dollar per 100 lb. of live weight was taken from the total spread between producer and consumer. The loss equal to $4.16 on each 100 lb. of live animal was the largest single factor in throwing many food chains into the red for the first time in their history. On the basis of a certified public accountant's report, net profits for a representative

The sight of a sleek, plump calf following a cow will make the owner beam with pride, but the little dried up "ball of hair" causes him to mentally figure how much he lost on that pair. The plump, well-fed calf probably was either following a good milking cow or had been creep fed—possibly both.

The term "creep feeding" probably originated after observing the dams of calves down on their knees, trying to get into an enclosure where their calves were eating concentrate feed. It would usually be impractical to feed this concentrate feed to both the cow and the calf, because the calf would get very little of it. So the practice developed, first in herds of registered cattle, of building an enclosure that the calves could get to but the cows could not, so that the calves could be developed faster.

The portable creep feeder—simply a self-feeder with narrow stalls extending out about five feet—is a more recent development. This practice of creep feeding now has become quite common in commercial herds. It is growing so rapidly that in just a few years this practice will likely be almost as universal in commercial herds as in registered herds.

Nutritionally Sound? Many cattlemen have wondered whether creep feeding is nutritionally sound. They wondered whether a calf that is on a good milking cow would be benefited by creep feeding.

Naturally a calf on a poor milking cow will benefit more from creep feeding than the calf that gets plenty of milk. However, the registered breeder, who appreciates more than anyone that we have not yet found a very suitable substitute for milk, has found that calves on good milking dams do even better when creep fed. Unfortunately, the majority of beef cows, registered and commercial, do not supply as much milk as the calf could handle to advantage, and creep feeding really makes a difference in these calves.

By RALPH McCall

You probably are wondering why it is sound to creep feed a concentrate while the calf has the benefit of the dam's milk rather than delaying such feeding until after weaning time. During the first six or seven months of the calf's life, it is developing a frame and muscle tissue, and perhaps putting on a little milk fat, but doing it more efficiently in terms of total feed consumed—whether it be milk and grass alone, or with added concentrate—than at any other time in its life. The older an animal gets, the more feed is required to put on a unit of gain. For example, Morrison says in his textbook "Feeds and Feeding" that it requires about 535 lb. of digestible nutrients per 100 lb. of gain to finish a 400-lb. calf fed a fattening ration, compared to 565 lb. for a 640-lb. yearling steer and 740 lb. for an 840-lb. steer. The early gains on calves under 400-lb. are even more efficient.

More Advantages. Here are some additional advantages of creep feeding:
1. Increases gains and prevents the normal seasonal decline in gains and finish.
2. The calf crop is more even in size—uniformity pays off at market time.
3. With fewer thin weak calves, there is less trouble from shipping fever and other ailments.
4. The calves show more bloom, which has definite market value.
5. There is less shrink at weaning time.
6. Calves often sell higher per cwt., though occasionally for less where light feeder calves are in demand.
7. Calves sold for further feeding are already "on feed."
8. Calves grade and dress higher at market time.
9. Cows are not "suckled down." They settle more quickly—go into the winter in better shape. Calves can be taken off the cows a month or more earlier if desired.

Gains, Feed Consumption. One of the logical questions is: "What can I expect as far as increased gains and feed consumption are concerned?"

The added gains during many creep feeding tests above similar calves not creep fed fall in a range of 25 to 135 lb. The extent of the increased gains depends upon the time creep feeding is started, the age at weaning time, the amount of creep feed consumed, the
kind of grazing and the milking qualities of the cows.

Usually it takes about four pounds of a good commercial creep feed to put on one pound of gain when the creep feed is self-fed. In such cases, each calf will usually consume from 200 to 500 lb. or more depending on the length of feeding. Even less feed is usually required per pound of gain when a limited amount of feed is hand-fed. However, there is more labor involved in hand feeding.

**Creep Feeding Tests.** Morrison summarized 27 tests of creep feeding, most of them with farm cattle. In a number of these tests, only home-grown grains were fed. The average increased gain for the creep fed calves in these tests was 0.39 pounds per day. The creep fed calves sold for $1.27 more per cwt. in 19 tests reporting sale price. He reported that in most of these tests the greater gains and increased selling price paid well for the concentrates fed.

The Texas Agricultural Experiment Station obtained $10 return per calf above the cost of the creep feed. A substantial amount of creep feed was used in this test. The creep-fed calves were valued 10% higher per pound. The dams of the creep-fed calves averaged 50 lb. heavier at weaning time, which according to this study "insures a better calf crop next year."

In a Missouri test on creep feeding, the addition of a protein supplement to corn produced 21 lb. per calf, and 50 cents per cwt. added value at sale time.

Many cattlemen who have practiced creep feeding have figured their added returns from twice to three times the cost of the creep feed. (See "Get Two for One Through Creep Feeding Calves," an article by Roy Duvall which appeared on page 43 of the February WLJ.—Ed.)

**Practical Use.** Another question about creep feeding is: "What production system is it best adapted to?" As indicated before, creep feeding is particularly well adapted to the development of the calves in registered herds, whether they are intended for the show herd, an auction sale or sale at private treaty. They are usually started on creep feed when the oldest calves are three or four weeks old, and then self-fed until weaning time. Not only do such calves develop faster, but they show more bloom than those not creep fed. This development has maximum value for calves to be exhibited or sold as short yearlings.

The commercial herd that finishes calves for market is ideally suited to creep feeding. Calves in a herd of this kind will usually be self-fed from the time the oldest calves are a few weeks old. Calves creep fed in this way that

---

**Diagram Description:**

- **Calf Creep:**
  - The diagram shows a perspective, plan, and cross-section view of a typical calf creep setup. The setup includes features such as a metal flashing on four sides, metal roofing, or wood sheathing and roll roofing.
  - The creep is designed for cattle producers who wish to creep feed calves while they are still with their mothers. It is a self-feeder with creep stalls on each side. The creep may be converted to a self-feeder for larger cattle by removing the creep divisions and cutting back the overhanging rood to give higher clearance. Greater height can also be obtained for larger cattle by adding a 4" x 6" runner to the tops of logs or old crooks.
  - The creep may be covered with solid sheeting and composition roofing or with metal on top of horizontal railing strips. The railing strips should be 1½" x 1½" or 2½" x 2½" on two foot centers. The 4" x 6" runners should be treated with pressure preservation to give them longer life.
  - A roof hatch in the top of the feeder may be preferred by some cattlemen. This would give greater capacity than when using end doors.

---

**Notes:**

- Please Turn to Page 71
Phoenix in Pictures:

Arizona National Livestock Show
Paces Parade of 1953 Champions

Mayor Hoben Foster of Phoenix gives award to the Berwin Bradleys of F. M. Bradley & Sons, Avon, Ill., for their grand champion Aberdeen Angus bull, Bradolier Slst. Photo by Culley

Mayor Robb Foster of Phoenix gives award to the Berwin Bradleys of F. M. Bradley & Sons, Avon, Ill., for their grand champion Aberdeen Angus bull, Bradolier Slst. Photo by Culley

Champion, reserve champion 4-H Hereford steers, shown by Bobbie Gates (left) of Pomeroy and June Roers of Santa Rita, N. M., Heady & Aaburn bred the champion. Photo by Culley

This is Don Tippu 1st. champion Brahman bull, shown by Cornelia Livestock Co. of Cottle, Calif. Photo by Culley

LEFT: Mayor Fred Emery of Tucson presents Owner Alan Feeney, Milky Way Herefords, Phoenix, with silver trophy for champion Hereford heifer, MW Zota Lorrigma 4th. Photo by Culley

Part of show's working force: Christine Blais, student at Arizona State College; Mrs. Lee LaFeen, Phoenix, secretary; Lee LaFeen, announcer; Bill Allen, assistant. Photo by Schaus

This is Don Tippu 1st. champion Brahman bull, shown by Cornelia Livestock Co. of Cottle, Calif. Photo by Culley

Mrs. Marge Wildman, central Arizona Cattle Feeders secretary, presents association trophy to Marshall Morris, Greenes Castle Co., Pomeroy, for top pen of 10 feeder calves. The pen sold to Homer Smith, Jr., Phoenix, at $81.5 cents. Photo by Schaus

Governor Howard Pat of Arizona (left) centers with Arizona National President French Smith during the 1953 show, both having been major sponsors of the Phoenix event. Photo by Culley

Governor Howard Pat of Arizona (left) centers with Arizona National President French Smith during the 1953 show, both having been major sponsors of the Phoenix event. Photo by Culley

Talk about Herefords occupies the time moments of Arizona Tom Heady (left) of Naples and Mr. and Mrs. Walter E. Holland of Rancho Sacaton, Dos Cabezas. Heady & Aaburn were breeders of the show's champion Hereford steer. Photo by Schaus

Talk about Herefords occupies the time moments of Arizona Tom Heady (left) of Naples and Mr. and Mrs. Walter E. Holland of Rancho Sacaton, Dos Cabezas. Heady & Aaburn were breeders of the show's champion Hereford steer. Photo by Schaus

Part of show's working force: Christine Blais, student at Arizona State College; Mrs. Lee LaFeen, Phoenix, secretary; Lee LaFeen, announcer; Bill Allen, assistant. Photo by Schaus

Mrs. Marge Wildman, central Arizona Cattle Feeders secretary, presents association trophy to Marshall Morris, Greenes Castle Co., Pomeroy, for top pen of 10 feeder calves. The pen sold to Homer Smith, Jr., Phoenix, at $81.5 cents. Photo by Schaus

Governor Howard Pat of Arizona (left) centers with Arizona National President French Smith during the 1953 show, both having been major sponsors of the Phoenix event. Photo by Culley

Governor Howard Pat of Arizona (left) centers with Arizona National President French Smith during the 1953 show, both having been major sponsors of the Phoenix event. Photo by Culley

Talk about Herefords occupies the time moments of Arizona Tom Heady (left) of Naples and Mr. and Mrs. Walter E. Holland of Rancho Sacaton, Dos Cabezas. Heady & Aaburn were breeders of the show's champion Hereford steer. Photo by Schaus

Talk about Herefords occupies the time moments of Arizona Tom Heady (left) of Naples and Mr. and Mrs. Walter E. Holland of Rancho Sacaton, Dos Cabezas. Heady & Aaburn were breeders of the show's champion Hereford steer. Photo by Schaus

Part of show's working force: Christine Blais, student at Arizona State College; Mrs. Lee LaFeen, Phoenix, secretary; Lee LaFeen, announcer; Bill Allen, assistant. Photo by Schaus
Are you receiving full use and benefit of the water you put on your pastures? If the answer is "no," water is taking cash right out of your pocket. If the answer is "yes," your water should be making money for you—but only if you have a program to keep that which fails to soak into the ground from running off to waste.

To get the most from your water, corral the run-off, re-circulate it over your pastures time and time again until every drop has been utilized. Regardless of the size of your pastures, a system can be worked out to save your waste water and turn it into a valuable "crop."

The idea is to develop a catch basin at the low side of the fields where run-off water can be impounded, and then use a 2- to 5-h.p. short lift electric pump to put the water back on the land.

**Lower Costs.** Generally, water can be re-circulated at substantially lower cost per acre-foot than the original cost of pumping it from the ground. The lift is small compared to the average well lift. Power costs are generally lower, as is the initial investment required for the low-lift pump installation.

In principle re-circulation systems operate in one of three ways, but with many variations, depending on layout of ranch and slope of lands:

1. **No. 1—Pumping from a low-end collecting basin into a "high line" ditch.**
2. **No. 2—Pumping from a drainage cut back to the main ditch.**
3. **No. 3—Pumping from a low-end collecting basin into the main pipe line system.**

**Alberico System.** One system that has created considerable interest is that set up by Cinto Alberico of Orland, Calif., with the help of Farm Advisor Milton Miller. It embraces method No. 3.

Alberico has 80 acres of ladino clover pasture. Originally there were only 40 acres. A good 25-h.p. pump installed over a well that was bored to a 350-foot depth produced 700 gallons a minute and was a little more than sufficient for irrigating the 40 acres.

When he planted 40 additional acres, the irrigation picture changed completely. He laid plans to put down a second well but the figures staggered him. It would have cost around $2,700 for the well boring, and about $2,100 for a deep well turbine pump.

**Formulates Plan.** A study of his water problem revealed a sizeable water run-off from the pas-
This is a portion of the reservoir or small lake where waste water is impounded in water recovery program on the Stephenson ranch.

A concrete basin was constructed at this low point in the ditch to back the water up in a small pond. A small pumping basin six feet deep was constructed on the Alberico property side of the main basin. A pipe connected the two basins to allow water to drain from the ditch basin to the pump basin; a metal grate keeps trash from going into the pumping basin.

Back to Pastures. A 2-h.p. motor was mounted over the basin to pump the water directly into a stand pipe connected to an underground pipe which takes the water back to the underground pipe leading off from the main pump. The water mingles with the water coming from the main pump and goes back onto the pastures again.

Irrigation is via an underground pipe with outlet valves set every 40 feet to allow flooding of the pastures.

When water is being pumped from the well onto the pasture Alberico turns on the 2-h.p. pump. It then works on an automatic basis, via a float system. When the big basin gets full the float raises an arm and the motor is turned on to pump the water into the irrigation line. When the water level is lowered to a certain point the float turns off the pump until the basin fills again. Therefore, as fast as the water runs off it is pumped back onto the pasture.

The 2-h.p. motor and pump has only a 6-foot lift and so throws 700 gallons...
Few men know Idaho's 84,000 square miles as well as "Rol-lite" Hawes, who now calls Twin Falls his home. And few, if any, men know as many of the people who breed and range and fatten the thousands upon thousands of sheep and cattle that flow from this state's borders to the consuming centers of the Pacific Coast, the Midwest and the East.

For here is a man who lives the livestock business as producer, banker, auction market operator. He is known throughout Idaho, and for that matter, throughout the nation in livestock circles. Known for his friendly smile and hearty laugh. Known for his general devotion of time and energy to livestock affairs.

He was born into them, from pioneer ranch parents in south central Idaho. Worked right up into operation of one of the best ranching setups in the West, in the Bruneau area ... into presidency of the Idaho Cattlemen's Assn. ... into vice presidency of the American National Cattlemen's Assn. ... into membership on the original, important tax committee of the latter organization.

He worked into chairmanship of the Idaho Brand Board for a 6-year period and became one of Idaho's top leaders in affairs of the Taylor Grazing lands, being now a board member in his local grazing district.

"Rol-lite" is president of the Bruneau State Bank, vice president of the Glenns Ferry Bank and for several years owned and operated the Twin Falls Commission Co.

Few men do so much and have so much fun doing it.

---

FASHIONS FOR 1953

FASHIONS in beef cattle for 1953 were most ably demonstrated by these two carloads of feeder calves, champion and reserve champion, of the National Western Stock Show, in Denver at mid-January. They bested 101 competitive loads for those honors. And on them focused the buying attention of many of the leading cattle feeders of the nation.

Above are the grand champions, Shorthorns from the herd of Austrian immigrant Josef Winkler, Castle Rock, Colo. Jo and his sons have gained this honor three times in a row at Denver, the most consistent winning streak of any exhibitor ever at this greatest of all feeder cattle shows. The Winklers topped the feeder auction at 52c per lb to John Steele & Co., Montgomery, Ill.

The average weight: 510 lb.

Below are the Herefords of William Sidley's Silver Spur Ranch, Encampment, Wyo., the reserves. Sidley used to show consistently and won many championships, but he laid off for several years, put some new bulls into service, thickened his calves and shortened the legs. This was his first reappearance. His calves averaged 488 lb. and cashed at 50c per lb. to Albert Luft, Sterling, Colo.

Third in the calf class, from which the Denver champions always come, were the Angus of J. J. Hadley, North Platte, Neb. It was one of the first times in history that all three breeds have been represented in the three top places.
Ingenuity

cash crop for ranchers with their own ideas...

CONSTRUCTIVE ideas abound on California cattle ranches—ideas that have been born in the fertile minds of ranchers who are ever attentive to the improvement of equipment and procedures that will make it easier for them to care for their livestock, harvest their feed crops or handle farm equipment.

What is the best method of placing molasses before cattle? How can the strongest watering trough be made? How can members of the show herd be kept cool enough to finish off for proper showing? How best can a farm implement be held in position to allow easy attachment to a tractor?

These and other such questions demand answers from cattlemen. Following are some ideas gathered from various ranches which have been of major help to the men who devised them. They should be of value to others.

Feeding Molasses. Molasses, because of its present economical price and because of its unusually fine value as a food, is receiving much attention, with many methods being devised to present it to stock.

George Mee of Mee Ranches, Lonoak, Calif., is making range feeding of molasses to his beef cattle easy through a simple feed storage tanks and automatic self feeder troughs.

Units are placed at strategic places in the many pastures that make up the ranges of the Mee spread in the hills around Lonoak.

The molasses tanks vary in size depending on the carrying capacity of each pasture. Tanks are filled as needed from a central storage unit at ranch headquarters. They are mounted on heavy concrete stands so the animals cannot move them. Molasses flows by gravity from the tanks to a specially designed trough.

Feeding Unit. The feeding unit is a framework of pipe in which is set a galvanized iron trough. The trough is welded to the rack to keep cattle from moving it. The unit is 14 feet long, 26 inches wide and 6 inches deep. Three pipe bars are placed horizontally above the center of the trough to keep the cattle from climbing into the trough and from fighting across it.

Flow of molasses from the tank to the trough is governed by a shielded float valve which keeps the molasses level in the trough at the most desirable point.

Such design and materials have totally eliminated destruction of the troughs, and there is no upkeep cost.

Water Trough. The units were designed by Ranch Foreman Floyd Mee.

California Breeder Louis Franceschi of Sunnybrook Farms, Lincoln, uses circulation fan arrangement to keep Hereford cattle cool while in the finishing barn.

PORTABLE, VIRTUALLY INDESTRUCTIBLE TROUGH

This durable water trough was built at George Mee ranch, Lonoak, Calif.
Two Blades of Grass
Where Thousands Grew Before . . .

In this and two articles to follow, a pioneer cattleman who knew the forests of California's Madera County before they came under the 50-year stewardship of the U. S. Forest Service—has plenty to say in support of his contention that the agency has failed miserably in its obligations . . .

By JOHN O'NEAL

many people in this country who have no relationship with the Forest Service, and who are capable of passing judgment on various phases of the Forest Service's 50 years of stewardship. It is past time that we had such reports free from Forest Service bias.

Beauty to Deterioration. While it is true I cannot speak for any great area of U. S. forest lands, I have been associated with that portion of the Sierra National Forest within Madera County most of my life. I saw this area and grazed stock upon parts of it before it came under the management of the Forest Service. I have never seen a more beautiful place for recreation, hunting or fishing, and one could not have asked for a better summer range for his stock. When the Forest Service took over the management of this area, it had not been spoiled by the overgrazing of stock as they contended without so much as even riding over the area. Through the years of Forest Service management, there has been a gradual and marked deterioration of this area with a corresponding increase of hazardous fire conditions.

It is my contention that the Forest Service's stated obligation to protect and manage national forest lands for the maximum production and continuous supply of national forest products and services of timber, water, forage, wildlife and recreation has been a miserable failure as far as this portion of the national forests is concerned. From
A Scotchman's concept of a practicable

One-Man

Feeding, Fitting Unit

By BOB TEALE

Photographs by SHERM GUTTRIDGE

Shed with exercise pens is 60 feet long, 58 feet wide; pens are 40 feet by 20 feet. Pens and stalls are on both sides of the building. Note the gates for easy cleaning.

Close-up view of feed room shows two of the five grain bins at right and mixing box in center. Room measures 20 feet by 20 feet. Water outlets are conveniently located here.

Interior of John Burns' practical feeding barn with feed room at far end is shown above. Hay and straw storage of 85-ton capacity is within reach of feeder. Burns, who can be seen in background filling Hereford's bin, is associated with Ralph Nichols in a unique setup where he does fitting and Nichols runs the cow herd. Inspection of the Lewiston, Idaho, layout is invited at any time.
NORTHWEST HEREFORD BREEDERS ASSN.

Annual Sale...

MARCH 4-5 • SPOKANE, WASH.
OLD UNION STOCK YARDS

“The Cream of the Northwest”

CONSIGNORS

John Clerf & Sons .................................. Kittitas, Wash.
Simon McDonald .................................... Bannons Ferry, Idaho
Mrs. Valley Smith & Son ....................... Paterach, Idaho
B. F. Collier ....................................... Colfax, Wash.
Coe & Boylen ..................................... Stonfield, Oro.
Elmer Blank ........................................ Rosalia, Wash.
Fullerton Bros. ..................................... Priest River, Idaho
Aldarra Farms ....................................... Seattle, Wash.
Price Herefords ................................... Pomeroy, Wash.
Herbert Chandler ................................... Baker, Ore.
Double M Herefords .............................. Adams, Ore.
Clem Bergevin & Son ............................. Walla Walla, Wash.
Matson Hereford Ranch ......................... Naches, Wash.
Mac Gwinn ........................................ Omak, Wash.
Kirk German ....................................... Ellensburg, Wash.
A. V. Harrell & Son, Willowbrook Farm ............................ Ellensburg, Wash.
F. W. Richardson ................................ Orene, Idaho
James C. Hay ...................................... Ellensburg, Wash.
George Weber & Sons ............................. Uniontown, Wash.
F. P. Feenan ....................................... Colfax, Wash.
A. R. Cochran ....................................... Colfax, Wash.
Staley Hereford Ranch ....................... Pullman, Wash.
Frank A. Riches ................................... Buena, Wash.
R. H. Morrell ........................................ Colfax, Wash.
Don Ritzschke ..................................... Goldendale, Wash.
Chet Roberts & Sons ............................. Toppenish, Wash.
Manson F. Backus 2nd ............................ Seattle, Wash.
M. E. Griffith ...................................... Priest River, Idaho

H. B. Sager, Auctioneer

SALE COMMITTEE
Herbert Chandler, Baker, Ore., Simon McDonald, Bannons Ferry, Idaho;
L. C. Staley, Pullman, Wash.

Larry Miller, Denver, Colo., Judge

SALE MANAGERS
Miller & Teale, W. 807 Shoshone Pl.
Spokane 9, Wash.
CHANDLER HEREFORDS

Selling March 4-5 in the Spokane Hereford Sale

3 Sons, calved in January, 1951
1 Son, calved in May, 1951
1 Open daughter of

MW LARRY DOMINO 77

... and a son of

MW PRINCE LARRY 7

(Calved May 9, 1951)

These cattle carry on the size, scale and easy fleshing abilities that have characterized the Chandler Herefords for many years.

Look for our cattle, too, at Ontario, Ore.; LaGrande, Ore.; and at the Idaho Cattlemen’s Assn. Sale at Filer.

We welcome the opportunity to show them to you . . .

CHANDLER HEREFORDS
BAKER, OREGON
group of food chains were reduced from 1.44% in the third quarter of 1950 to 0.41% in the third quarter of 1951, a loss of 67.5% in net profit. At that time a letter was sent to farm, livestock and meat leaders over the nation saying that food chains would not be able to follow the price of live animals down should there come a break in the market.

Current Situation. What is the situation in the industry now? Because producers have suffered such heavy losses since last May, a representative sample of the medium and larger food chains was asked to report meat department margins in May, 1952, and again in their latest report. Companies operating 6,017 stores sent in comparable figures. The average of these margins in May was 16.87%, and in the latest period (late November to the middle of December) was 17.02%. This is an increase of only about one-sixth of 1% since last May. The industry has not returned to its historic margin for meat operations.

With prices falling and costs increasing (labor alone is up around 7% from a year ago), there will have to be increases in the margins if profits are made. Possibly the best proof is that while some recovery is expected from the disastrously low net of 1951, the net for 1952 is expected to run about one-third less than normal on the business as a whole, with the meat departments still showing the poorest results. The charge has been made that retailers have been profiteering on meat. The figures do not bear this out. Ask anyone who makes such a statement to get facts and let the facts do the talking.

The USDA makes a monthly comparison between the prices of 100 lb. of live animal in Chicago and the New York price of the resulting cut-out carcase meat (i.e., on the 60 lb. of cut-out

**TOP FAT STEERS**—Thiesen Ranch, Long Pine, Neb., and Bar 13 Ranch, Sheridan, Wyo., bred these steers, grand championship winners in the carlot fat steer division at the 1953 National Western Stock Show, Denver. They were fed and exhibited by Father Flanagan’s Boys Home, Boys Town, Neb.

**Selling March 4-5 at Spokane!**

**FIVE SONS of**

**Plus Dandy 2d**

These are junior and summer yearlings with lots of scale and smoothness, all sired by Plus Dandy 2d, the bull that sired the 1952 Spokane champion. They are out of top quality cows and good mothers, daughters of Advance Donald, WHR Alladin 2d, Bright Mixer 3d and WHR Royal Duke.

**You’re invited to visit the ranch, where we have some very choice daughters of Plus Dandy 2d for sale.**

**SIMON McDONALD**

**BONNERS FERRY, IDAHO**
FEENAN HEREFORD RANCH

Consigning 5 YEARLING BULLS to the
Spokane Hereford Sale, March 4-5

AP ROYAL PRINCEPS 3rd

FOUR are sons of the high selling bull in the first Parkes Sale, AP Royal Princeps 3rd, a son of RS Super Princeps.
ONE is by a son of WHR Helmsman and is out of a daughter of TT Triumphant 16, Denver champion bull.
Our cattle are raised pretty much “on their own.” They pasture along the Palouse River and adjacent hills where plenty of exercise develops them into individuals that go out and get the job done.
Our two major objectives are to produce the kind of registered Herefords that have the size and the ability to convert grass into meat, easily. We believe we are accomplishing that aim.

FRANK P. FEENAN, COLFAX, WASH.

R. H. Morrell
COLFAX, WASHINGTON

Consigning to the
SPOKANE HEREFORD SALE
MARCH 4-5

TWO GRANDSONS of Sunland Domino 33d. One of these is definitely a herd bull prospect; the other a top range bull.

These cattle have the size and breeding that both the breeders and the commercial cattlemen are striving for.

Willowbrook Farms

Selling March 4-5 at the
SPOKANE HEREFORD SALE

3 BULLS AND 2 HEIFERS. Cattle with loads of size and notable for their easy fleshing qualities. Tops in breeding. A junior yearling bull by Sunny Triumph 17 by TT Triumphant 16. Two summer yearling bulls by WSC Regality 4 by WHR Regality 1. The two summer yearling heifers also are by WSC Regality 4 and out of daughters of Bar 13 Carl 3.

A. V. HARREL & SON (PAUL)
Ellensburg, Wash.
meat taken from 100 lb. of live weight) at both wholesale and retail. These figures show that from November, 1951 to November, 1952, the live price fell $3.11 at Chicago and the retail price of the cut-out meat fell $3.18. On pork, the comparisons show the live price down $1.58, while the retail price was down $1.84 per cwt. The record on lamb shows that the retail price had lagged behind the fall in live price, but preliminary figures for December would indicate that this relationship has improved.

Abnormal Difference. The immediate crisis in the industry is the abnormal difference in price between “choice” and better animals, and “good” and lower grade animals. Fred Mollin foresaw this possibility clearly when he called industry representatives together in Denver last July 18 and again in Chicago on Aug. 15. The break in lower-grade prices has gone much further, I feel sure, than anyone at those meetings expected.

Why have the “good” and lower grade cattle fallen so drastically in price? Maybe no one can give the full answer, but here are some of the reasons.

In this period of the greatest inflation in American history, consumers have money to spend and are demanding the best. This creates an abnormal demand for the limited quantity of “prime” and “choice” beef. The drouth has forced a lot of cattle on the market that were in the lower grades. There has been a recent influx of lower grade beef from New Zealand and Mexico. It has been reported that this New Zealand carcass meat sold for $25 while the same grade of U. S. meat was selling around $40. All this in addition to the fact that there has been an increase of 11,000,000 head of cattle in the United States in the last two years. With less feed per animal, with farm labor scarce and high-priced, the beef industry has not been able to take advantage of the large dollar incentive to finish cattle for the top grades. It boils down to: (1) demand for the best, but (2) the heavy supplies in the lower grades.

Factor of Poultry. The story is not complete without a mention of poultry. During these recent years, poultry, particularly turkey, has gained in favor. Between 1935-39 and 1952, turkey consumption per person in the United States more than doubled, and all poultry consumption increased nearly 75%, or 14.6 lb. per person. This increase is due primarily to improved quality and reduced costs of production. Poultry meat is steadily growing.

UNIFORM LINEUP—This impressive array of bulls, shown by CK Ranch, Brookville, Kan., won the carload grand championship at 1953 National Western Stock Show, Denver.

Photo by Crane.

We’re coming to the
SPOKANE HEREFORD SALE, MARCH 4-5
with a
Grandson of Parkes’ RS SUPER PRINCEPS

Two Grandsons of WHR ROYAL DUKE 3

Our WHR Regality 17, a son of WHR Royal Duke 3, sired a champion bull and a champion female for us in 1952. You, too, will like their size and fleshing ability.

F. W. RICHARDSON
ORFINO, IDAHO
As a competitor of the red meats, Seafoods also are a growing competitor. What is being done about it? For many years, the pressures upon retailers have been to improve quality. In foods, better quality has been the key to better volume and better business for all. It is not easy for food men who are accustomed to pressures for better and better quality to reverse themselves and begin to push beef of lower quality, but by and large it is being done. Possibly the best way to illustrate this is to read reports from food chain executives.

This paragraph from a letter dated Dec. 12 from the president of a chain food company operating about 200 stores, says:

"It might be interesting for you to know that our beef tonnage as compared to a year ago is showing an increase of from 30 to 58% by various divisions and retail prices on U. S. Good beef are down around 20 to 25%.

Meat Campaign. Anyone will agree that an increase in meat volume of 30 to 58% is outstanding, but this same company president issued a company memorandum on Dec. 5 which says:

"It appears that some time before Christmas or immediately thereafter would be a great time to have a real meat campaign. It seems to me that you could run an ad with meat as the featured item and spread it all over the top of the ad, feature some of the prices that you have on various meat items today compared to the same item and showing the price that it was selling at a year ago.

"On today's food market I think there are some items of meat that are by far the best buy compared to prices of a year ago of any food item we are handling. I believe that we could step up the consumption terrifically—we are at the time of year when meat ought to really be selling and if you pick out the items that have declined the greatest amount under a year ago, I believe a real promotion could be worked out for a 2- or 3-week campaign.

"It seems to me that the meat merchandising might work out some kind of a sales contest in their own organization and really go after some new ideas. If we can step volume up 35%, of course we can stand some lower gross figures, but we can't stand the lower gross without increasing volume.

Same Objectives. This memorandum shows the great desire of the company to build its meat business. Remember that volume is the most important single factor in the success of the food chains and this is a plea for volume in meat. The interest and objectives are the same as those of producers.

The president of a company operating about 35 stores in the West, says under date of Dec. 29:

"We are handling both Choice and Good grades of beef in all stores. We do not handle lower grades due to refusal of our customers to readily accept this type of quality. Since we have been placing promotional effort on sale of outstanding grades, we are realizing an increase of 35% over May, 1952.

"... a recent promotion of Good grade beef produced very satisfactory results and the tonnage moved was far in excess of normal movement. We are repeating this promotion... and anticipate achieving even greater results. We will place our advertising and promotional effort on Good grade beef.

ATTEND NATIONAL CONVENTION—
Among Arizona members of the American National Cattlemen's Assn., who attended the annual convention in Kansas City early in 1953 were Morley Fox, left, Sedona, and Lawrence McDonal Douglas.

CLERF LIVESTOCK COMPANY
JOHN CLERF & SONS
KITTITAS, WASHINGTON

Consigning to the SPOKANE HEREFORD SALE, MARCH 4-5
3 Bulls sired by a son of JUNIOR MISCHIEF
1 Bull sired by a son of SUNLAND DOMINO

MISCHIEF LAD 87, calved March 26, 1951. Sired by HV Mischief Lad 3 by Junior Mischief. Dam, Queen Domino B. 4 by Select Domino B.

MISCHIEF LAD 94, calved April 3, 1951. Sired by HV Mischief Lad 3. Dam, Beauty Domino 1 by Canadian Domino by DeBerard Type.


SAFETY TRIUMPH 25, calved June 29, 1951. Sired by SF Safety Triumph by the great Sunland Domino 33. Dam, Miss Randolph 16 by Sol Randolph by Future Anxiety 24.

These bulls calved in range pastures. They have the size you Northwest producers insist upon. We will be glad to show them to you.

KAYO GARRITSON, Herdsman
AR C Herefords

Consigning to the

SPOKANE SALE, MARCH 4-5

TWO SONS of Joaquin Larry Dom. 2, an outstanding grandson of Larry Domino 50.

ONE DAUGHTER of Joaquin Larry Dom. 2, served July 9, 1952 by MS Prince Larry 10, our son of the $160,000 MW Larry Domino 107. She is out of a daughter of Diamond M. Dom. 17 by White Mt. Royal S. 12. Bangs vaccinated.

JOAQUIN LARRY DOM. 2 is siring some of the top cattle produced in the Northwest today. They have the style, thickness, fleshing ability and size along with smoothness. These cattle are getting the job done for use and a son or daughter can do a great job for you.

A. R. (Pete) COCHRAN

COLFAX, WASHINGTON

MARCH 1953
There will be TOP BULLS to choose from at the NORTHWEST HEREFORD ASS'N. SALE March 4-5. SPOKANE, WASH.

Look for them in the...

ALDARRA FARMS Consignment!

FIVE (5) BULLS Calved Between Aug. 20 and Sept. 25, 1951
3 are Sired by WHR REGALITY 1st, son of
WHR Royal Duke 3d (R of M)
1 is Sired by WHR HELMSMAN 124th, son of
WHR Proud Princeps 9th (R of M)
1 is Sired by ALDARRA SIGNET, son of
WHR Helmsman

Also Consigning

A GOOD BRED HEIFER

By WHR Helmsman 124th out of a WHR Royal Duke 18th dam. She is bred to calve in August to service of Elation Domino 1st, CHAMPION BULL at Spokane in March, 1950.

Jim Milne Would Like to Discuss These Good Ones With You

ALDARRA FARMS, INC.
(W. E. Boeing, Pres.)
SEATTLE, WASHINGTON

Farm near Fall City, Wash.
Office at 1411 4th Ave., Seattle

First Annual
CONSIGNMENT SALE
SPONSORED BY
Klickitat County Livestock Assn.
Fairgrounds, GOLDENDALE, WASH.
SATURDAY - MARCH 14
Grading at 10 . . . Sale starts at 1 p.m.
ELLIS WHITE, Auctioneer

11 FEMALES – 28 BULLS
Herefords . . . Polled Herefords . . . . Angus

CONSIQUEES

For catalog, write—
E. M. HUCKFELDT, Sec.
GOLDENDALE, WASH.
L. K. SMITH
Manager

Winning Ways
By S. OMAR BARKER
To win a bride
Some men confide
Their secret hopes and preferences,
While others win
By slipping in
A few financial references!

Page 70
Come and see our new
Larry 83rd herd bull

MW LARRY MIXER 64th
6614857

MW LARRY DOMINO 83rd
4642444
Larry Domino 50th
2624412
MW Donna Domino 26th
3079233

MW PRINCESS LARRY 18th
5056425
MW Larry Domino 37th
4214428
MW Miss Mixer 10th
3957164

Bought from the consistently high winning Milky Way herd, again high this year at Denver. Bought at the sensational Denver Hereford sale. Combines two of Milky Way’s greatest present-day sires close-up, 83rd and 37th. His dam, MW Princess Larry 18th, is a full sister to MW Prince Larry 99th for which Irvin Mann recently paid $35,000 for a half interest.

MW LARRY MIXER 64th has every right to put even more thickness and even more quality into Bergevin Herefords. You’ll agree when you see him. And he’ll have a set of top females on which to work—daughters of MW Model Larry 3rd, Mark Donald 38th, BHR Baker Domino, granddaughters of WSC Regality 3d and other females of Chandler and Baca Grant bloodlines.

See us at the sales and at the ranch when you are in the market for easy-fleshing, heavy boned bulls and females.

Clem Bergevin & Son (Claro)
WALLA WALLA, WASHINGTON
Rt. 2, Box 509—Highway 410

From California’s oldest established registered Hereford ranch—
FOR SALE at the RANCH
Plenty of good bulls and quality heifers

WM. S. ORVIS & SONS
Founded in 1873
SNOW RANCH
RANGE BRED REGISTERED HEREFORDS
FARMINGTON, CALIF.

DENVER CHAMPION—Even the steer seems to be smiling. And why shouldn’t he? He’s just bested all competition to be named grand champion of Denver’s National Western Stock Show. It’s Jan. 19 and he’s in the big arena with Judge A. E. Darlow of Oklahoma A&M College still admiringly caressing his rump, while John T. Calie, Ill., right National Western manager approves, and Ronald Hutchings at the halter registers extreme elation. Hutchings showed the steer to the grand championship by his last feeding and exhibiting job for Father Finley’s Boys Home at Boys Town, Neb. Hutchings now is going to work on the ranch where the steer was produced, Joe Thieson’s ZK Ranch, Long Pine, Neb. The steer sold at Denver for $340 to a group of Nebraska cattlemen for the Bassett Hotel and the Range Cafe at Bassett, Neb. This was an all-time record high price for a steer at the Denver show.
Mrs. Karpe and Prince Domino breeding, January 12th.

Here are some facts on the sale

- 52 head sold to 28 buyers from 8 states for $109,200 to average $2,060.
- 25 sons and daughters of Baca Duke 2nd averaged $2,763.
- 15 Baca Duke 2nd daughters bred to Baca Prince Domino 20th averaged $2,583.

Thanks especially to these buyers

Bar LO Hereford Ranch, Davenport, Wash.
Keith Daulton, Menden, Calif.
GHR Karpe’s Duke 35th by Baca Duke 2nd
*Morgan Her Ranch, Fullerton, Calif.
Emerson R. & Annabelle N. Estes, Live Oak, Calif.
Arthur B. Evans, Pattison, Utah
Stewart Feed Ranch, Poteau, Okla.
Friendship Ranch, Chino, Calif.
*A. L. Gillett & Henry Tennessen, Tracy, Calif.
*Ron J. Gilbert, Beavercreek, Oregon
F. G. Gary & D. W. Wegner, Nampa, Idaho
H. J. Harnedy, Coloma Park, Calif.
Hi-Hope Ranch, San Luis Rey, Calif.
Walter Hayes, Grants Pass, Oregon
Kathleen M. Huletter, Rancho Sonora Fe, Calif.
Herbert D. Johnson, Madera, Calif.
Lewis Kardos, Grants, Calif.
*Hedron King Ranch, San Fernando, Calif.
*kick Herford Ranch, Valley Stream, Calif.
Mike Ranches, Lucan, Calif.
*MHM Herford Farms, Pulaski, Tenn.
*Monico Herford Ranch, Canyon, Texas
Par-Kay Ranch, Chattanooga, Okla.
Reeds Eline, Grantsville, Calif.
Simpson Hereford Farm, Cienega, Calif.
*Dorle Wattenberger, Chico, Calif.

---

PUT ER THERE—L. Sheldon Potter, left, from San Francisco, is greeted at the American National Cattlemen’s Assoc. convention in Kansas City last month by Bob Hill Griffin Jr., Presi­dent, right, president of the Florida Cattlemen’s Assoc.
CHAMPIONSHIP TEAM—Rarity in livestock circles is this full sister championship team from Milky Way Hereford Ranch, Phoenix, Ariz. They were champion and reserve at the Arizona National Show in Phoenix and went on to meet even greater competition at the National Western Stock Show in Denver last month where they duplicated the feat. Shown at Denver, the reserve champion, MW Zatos Larryana 10, at the left, and the champion, MW Zatos Larryana 4, at the right. Holding the trophy is Alan Feeney, owner of Milky Way, following the presentation by Herbert Chandler, right, of Baker, Ore., president of the American Hereford Assn.

One of Karpe’s better sons of BACA DUKE 2nd

KARPES DUKE 11th will work in our growing herd built on TT Majestic and Hazlett lines. See him this season and see our other good Herefords.

F. G. GRAY, Nampa, Idaho
236 Young Street

His service now shared in our two herds

KARPES DUKE 11th and daughters and granddaughters of the Canadian bred Wintecott Domino 81st mainly compose my herd. You’ll like the bulls we’re producing.

O. W. WAGNER, Nampa, Idaho
Route 3
of the larger calves and put them in the creep enclosure. When a few calves start going to the creep, the rest usually follow. An occasional call may never go to a creep, but if they are started right, there are few calves that don't.

**Construction of Creep.** The stalls of a portable creep feeder should be about 15 to 16 inches wide. The openings into an enclosure should also be about 15 to 16 inches wide. The openings should be vertical. There should be several openings on at least two easily accessible sides. These openings should be well braced so the cows cannot spread them. The enclosure can be made with poles, boards or five or more strands of tightly stretched barb wire. The enclosure should be 30 to 40 feet square. It should be strong so that the cows cannot get in, and the feeders should be kept well away from the fence. If self-feeding is practiced, about 1/3 foot of trough space per calf will do. If they are hand fed, each calf should have at least one foot of trough space, and preferably 1 1/3 feet of trough per calf.

If you haven't creep fed any calves before, this coming season would be a free time to start. If you have more than one group of cows and calves during the grazing season, you can show yourself what creep feeding will do by creep feeding one group. If you have a good fortified supplement with this grain to make a 13% to 14% protein mixture, such as 35% oats, 40% barley, 10% bran and 15% of a good 32% cattle concentrate.

Increase the amount of the protein concentrate to 20% where the grass is dry or the calves are in poor condition. A good complete fortified creep feed, designed specifically for this purpose, will produce excellent results.

A gambling man would give heavy odds in favor of the creep fed group returning you the most money.
Defense preparations continue to take a progressively larger share of our increasing national output, BAE reports. In the second quarter of 1952 nearly 15% of total output was used for national security programs, and this share probably will increase further in the coming year.

Perennial weeds such as dock, buckhorn and chicory can be controlled in ladino clover seed fields and irrigated pastures by spraying with 2,4-D. Enough growth of the clover so that the leaves cover the stems is necessary, though a lush growth interferes with adequate spray penetration. Fields must be at least one year old to be safely sprayed.

An estimated $25 million is lost annually as a result of bruises, cripplings and deaths of animals on farms and in transit to market. Most of the loss is borne directly or indirectly by the producer. By careful handling and shipping of livestock, however, the greater part of injuries and death could be avoided.

The 1952 production of feed grains, estimated in mid-year at 115 million tons, is a little smaller than in most postwar years, says BAE, and probably will fall a bit below 1952-53 requirements. Production of grains has been rising since before World War II, increased quantities going to livestock production, industrial purposes and for export.

Summer fallow, to store moisture, is not necessary on wheat land where rainfall is 18 inches or more per year, according to the Washington Agricultural Experiment Station. The wheat-fallow system of cropping depletes fertility and enhances erosion. Annual cropping, however, with all crop residues returned to the soil and supplemental nitrogen added can conserve soil fertility and help control erosion.

Gas, diesel or gasoline power runs deep well pumps with new right angle gear drive. Especially valuable where there is no electricity or where gas power is more economical. U. S. Electrical Motor.

They tell me that the three new and convenient pieces of equipment and machinery shown above and below are finding favor with ranchers. For name, address of makers, write WEL.
THAT WASTE WATER
Continued from Page 57

Corral that Waste Water

... announcing our new Baca 2d herd sire

GHR KARPES DUKE 18th 6588915

BACA DUKE 2d
4655697

Baca R. Domino 33d
354352
Miss J. 48th
3570554
Royal L. Domino 43d
4207503
Nevada Lass 13th
3626917

OJR Royal Domino 10th 2892596
Baca Miss Reality 8th 3136881
Jayhawk Domino 2768545
Miss D. 142d 2404229
OJR Royal Domino 43d 3282838
Leslie R. M. Domino 3411025
Donald Domino 26th 2342741
Debonair Lass 15th 2104944

KARPES DUKE 18th was one of the biggest bulls in Karpe's January sale. Heavy boned. Good headed. And look at that powerful combination of OJR 10th and Donald Domino 26th blood. We bought him to use on our strong foundation females, primarily of Prince Domino blood. Be sure to come and see him and see the balance of our registered Hereford herd.

WALTER HOUSE
Rt. 4, Box 596
GRANTS PASS, OREGON
Ranch 6 miles south of Grants Pass on New Hope Road.

LIVESTOCK AUCTIONEER
Earl O. Walter
"A Western Man . . . for Western Sales"
Write, Phone or Wire for Dates . . . FILER, IDAHO

LAGUNA RANCH
R. D. MARSHALL, Owner
O. B. "GOLDIE" GOU L D,
Cattle Supt.
POINT REYES STATION, Calif.
Phone Inverness 30-J
(Marin County)

MARCH 1952

HEREFORD FAMILY—Seen at the 1952 Great Western Hereford sale in Los Angeles were Mr. and Mrs. Jack Sheehan and their grandson Jackie. Owners of the Sheehan Ranch near Escondido, Calif., the Sheehans have had years of experience with Hereford breeding cattle.
More Register of Merit Breeding

San Luis Rey, Calif.

joins our selected daughters and granddaughters of two of the greatest living Register of Merit sires: C-W Prince Domino 21st and Double Dandy Domino.

We bought three top heifers at the recent Karpe's Greenfield Hereford Ranch sale. A daughter of Baca Duke 21st, one of Larry Domino 80th, and a Wilton Mixer. Two of them are bred to Baca Duke 2d and one to Baca Prince Domino 20th.

IDROP IN AND SEE US. We're located between Oceanside and Fallbrook, 3½ miles east of San Luis Rey Mission.
Price Shifts—
Meat Animal Prices Vary
With Seasonal Patterns

THERE is a characteristic seasonal pattern in the production and marketing of most kinds of livestock. Basically, spring is the season for births; summer for pasturing; fall for marketing off grass; and fall and winter for feeding. Despite much variation from this sequence, enough uniformity exists for normal seasonal trends to be revealed in statistics of livestock production and marketing.

Data on pig crops, for example, show March and April and September to be the months of most farrowings. More hogs are marketed and slaughtered in November to January than in any other months. Marketings of cattle and sheep are largest in October to December. A peak in breeding also occurs at that time, though it is lower than the marketing peak because sizable numbers are diverted for feeding.

Production Varies. Meat production also varies by seasons. As meat is not readily storable for long periods and consumer demand is rather inflexible, seasonal changes in the meat supply bring about seasonal swings in prices of meat and meat animals.

The normal postwar seasonalities in prices received by farmers are charted on the accompanying graph. Notable is the greater fluctuation each year in prices received for hogs and lambs than for prices of cattle and calves. Prices of hogs are usually at their peak in early fall, while the high points for other livestock come earlier in the year.

The price received by farmers for any kind of livestock is a composite average for all animals sold. The price for hogs is the average price for sows, boars, stags, barrows and gilts. Prices for cattle include those for stockers and feeders, for the lower grade animals sold off grass, and for top quality fed cattle. The normal seasonal trends in prices for all animals therefore do not indicate accurately the trend for any particular grade or class.

Seasonal Swings. Sow marketings are numerous only during the summer. Hence during most of the year the average price trends for all hogs are essentially the same as for barrows and gilts. Prices are normally highest in September, when marketings of hogs from the spring pig crop have just begun. They are lowest in December, when marketings are largest. Prices touch a secondary peak in March and a secondary low in April-May, due to seasonal swings in marketings of fall pigs.

Prices for lambs are highest in early spring and lowest in the fall. The high prices in the spring reflect partly the better quality of lambs marketed then and their longer fleece.

Prices for all cattle, averaged together, also are highest in the spring and lowest in the fall. This seasonality is in part the result of the better quality of marketings in the spring, when fed cattle are relatively most
There's enough of him for TW so we're going to share...

MW PRINCE LARRY 99th

Headed to Oregon in the Spring

We studied this junior yearling son of MW Larry Domino 37th from every angle—especially his tremendous depth, width, and fleshing qualities—both at the ranch and in the shows. We've long admired his full brother, MW Big Shorty, from every angle it looked to us as though he is THE BULL to pick with our daughters of RS Prince Royal (a register of merit sire) and RS Princeps 37th. So we paid the $35,000 price to own a half interest; the deal being closed at the Denver show. Come and see him this spring and see the other Double M sires and cow herd and young stock.

IRVIN MANN
PAT HOPPER
BILL MCDONALD, Herdsman
BOB HOPPER

We are proud and happy to share the service of MW Prince Larry 99th with the Manns of Double M in Oregon. This son of MW Larry Domino 37th is tops both individually and in breeding. His dam, the Register of Merit cow, MW Miss Mixer 10th, is also the dam of MW Big Shorty, the full brother of the 99th owned jointly by Banning-Lewis Ranches and Milky Way. The 99th combines beef type, breed character and exceptional weight for age in such a way that we believe he may be the best breeding prospect ever sired by MW Larry Domino 37th.

FRANK THURMAN
ALAN FEENEY
CLARK WOOD

MILKY WAY HEREFORDS

ARIZONA

PHOENIX

MARCH 1953

Page 81
It isn't Chance...

that RO registered Herefords win us championships time and again at major shows. It is a sound breeding program that produces uniformly high quality cattle consistently. Year after year. You can depend upon this consistent breeding to give YOU high quality cattle, too...on the range, in the showring, or in the feedlot.

Here's Proof Positive

THAT RO HEREFORDS ARE TOP QUALITY CHAMPIONS

GREENE CATTLE CO., INC.
G. MARSHALL HARTMAN, Ranch Mgr. MILTON EIFFLER, Herdsman
SAN RAFAEL RANCH  •  PATAGONIA, ARIZ.

Agricultural Price Parity Concept Had Early Origins

The agricultural price parity concept, established in law for almost 30 years, actually had origins reaching back 60 years before, according to James H. Shideler, assistant professor of history on the Davis campus of the University of California. During the agrarian revolt of the 19th century, farmers organized to voice their grievances of inequality in economic affairs.

The parity idea, however, did not take precise shape until the agricultural depression of 1920. Young A. Wallace, in a book published that year, was one of the first to express such an idea. His father, Henry A. Wallace, as secretary of agriculture at that time, also believed that the agriculture department should help farmers market their products at fair prices.

The winter crisis of 1921-22 brought a flood of letters to Congress requesting that the government stabilize prices in relation to prices farmers had to pay. In spite of this pressure from farmers, leaders and Agriculture Secretary Wallace, Shideler points out, Congress did not set up a system of price stabilization for stricken farmers at that time.

But the general appeal of parity grew so strong that presidential candidates of both major parties were required to come out for it in the 1928 campaign. Not until the Agricultural Adjustment Act of 1933, however, was a precise formula set up in law for agricultural recovery with price parity.

Two Lamb Crops a Year—

Two lamb crops a year are being produced in the flock of 5,000 Rhi bouillet ewes owned by L. P. Barkley, president of the Yuma County Stock Growers' Assn. By injecting hormone shots in the ewes, Barkley reports a 100% lamb crop in May, and he completed another 100% lamb crop in December.

The ewes are lambed at Eagle Nest, N. M., in the spring and the lambs are marketed in the late summer. Then the ewes are moved to Yuma County on irrigated pastures in the fall for the winter lamb crop. It is Barkley's plan to sell the ewes after the spring lambing each year and replace with a new flock. The ewes are providing ample milk for each lambing, he reports.
Did you see what TR ZATO HEIR Herefords did at Denver?

CHAMPION BULL and $42,000 sale topper, TR Zato Heir 88th
2nd junior bull calf & $29,000 3rd sale high, TR Zato Heir 262d
2nd to champion in class and $26,500 4th sale high, TR Zato Heir 85th

1st Get of Sire  
Best 10 Head  
1st Three Bulls  
1st Two Bulls

All on sons and daughters of TR Zato Heir and out of our easy-fleshing Hazlett line of cows.

Look who bought them!

LONG MEADOW RANCH, Prescott, Ariz. took the $26,500 TR Zato Heir 85th.

HI-POINT FARMS, Romeo, Mich., bought the $29,000 TR Zato Heir 262d.

STRAUS-MEDINA HEREFORD RANCH, San Antonio, Tex., got the $42,000 champion.

DOUBLE M HEREFORD RANCH, Adams, Ore., bought our only heifer entry at $1,400.

HG HEREFORD FARMS, Colby, Kan., paid $8,350 for our fourth bull, TR Zato Heir 137th.

Our appreciation to the buyers and to J. Paul Kirk, Valley Center, Calif., and Ray Jensen, Jensen Bros., Logan, Utah, and others for their bidding. And our continued good wishes to E. L. Adams, Adams Hereford Ranch, Chico, Calif., who last year took the first TR Zato Heir to the Pacific Coast.

These Denver accomplishments and the standing of the buyers may be important tips to you on your next herd bull purchase.

ROY J. TURNER  
JIM MCCLELLAND

TR ZATO HEIR 88th ......... the $42,000 champion

TR ZATO HEIR 85th ......... Long Meadow's new bull

MARCH 1953
Bought at $26,500 in Denver’s great sale

TR ZATO HEIR 85th

It’s the THIRD time Long Meadow has bred and shown the championship pen of heifers at the Arizona National. THREE OUT OF FIVE SHOWS. And every heifer in those three pens has been sired by MW Prince Domino A 13th. Three out of our FOUR CHAMPION PENs of bulls at the same show were all sired by MW Prince Domino A 13th. PROOF OF UNIFORMITY, APPROVED TYPE AND QUALITY. It’s half sisters of these we’ll use with TR Zato Heir 85th.

And again Rex Clemens of Clemens Hereford Ranch, Philomath, Oregon, was the buyer of our champion pen of heifers this season. So well pleased with last year’s pen of heifers that he came back for more. We wish him the same success with these. And success to these other buyers of Long Meadow Herefords at the Arizona National: H. J. Platt, St. Johns, Arizona; R. E. Perkins, Chino Valley, Arizona; and Cornelius Livestock Co., Coaleyville, Calif., and Phoenix.
Notice what his brother, TR Zato Heir 88th, just two days older, did at Denver: CHAMPION and $42,000 sale top? TR zato Heir 85th, another brother, brought $26,500. And a February calf, also by TR Zato Heir, commanded $29,000.

Perhaps we were lucky to have bought TR Zato Heir 86th last year. Before more people realized full merit of this line. His first calves are here and are promising.

ADAMS HEREFORD RANCH
Chico, California
E. L. ADAMS, Owner GEO. WASHINGTON, Manager
another top herd sire for

CALKINS HEREFORD RANCH

H. ROYAL MIXER 6193191

Calved May 26, 1950, bred by Switzer & Field, Gunnison, Colo.

<table>
<thead>
<tr>
<th>JO ROYAL DOMINO 6th</th>
<th>Baca R. Domino 7th</th>
</tr>
</thead>
<tbody>
<tr>
<td>4815162</td>
<td>4071319</td>
</tr>
<tr>
<td>Real's Lady 63rd</td>
<td>3963668</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MISS R. MIXER 16th</th>
<th>Mischief Mixer 10th</th>
</tr>
</thead>
<tbody>
<tr>
<td>4197934</td>
<td>4098526</td>
</tr>
<tr>
<td>Gipsy Mixer 2d</td>
<td>3482020</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OJR Royal Domino 10th</th>
<th>Baca M. Reality 44th</th>
</tr>
</thead>
<tbody>
<tr>
<td>2892596</td>
<td>3406185</td>
</tr>
<tr>
<td>Real Prince D. 13th</td>
<td>2456694</td>
</tr>
<tr>
<td>Miss Beau Daisy 16th</td>
<td>2807156</td>
</tr>
<tr>
<td>Mischief Mixer 13th</td>
<td>2160023</td>
</tr>
<tr>
<td>Miss Real 15th</td>
<td>2687901</td>
</tr>
<tr>
<td>Mischief Mixer 13th</td>
<td>2160023</td>
</tr>
<tr>
<td>Gipsy Randolph 2456837</td>
<td></td>
</tr>
</tbody>
</table>

H. ROYAL MIXER topped his sale class at Denver and stood third in the great open show. Many considered him one of the most outstanding bulls in the sensational Denver sale and felt that he would have cost us double as much money if he hadn't sold early, before the auction really warmed up. He brings to us not only this great head, tremendous loin, deep quarters and straight legs, but that successful combination of OJR Royal Domino 10th and Mischief Mixer 13th blood. Think what this should do with the additional draft of heifers we just bought from Bear Claw Ranch, Dayton, Wyo. Think what this bull should accomplish with our daughters of PHR Super Donald 44th (by NHR Super Domino 9th) and RD Beau Majestic 107th (by TT Majestic 2d). Come and see him, and get a good look, too, at this growing and steadily improving Calkins Hereford herd.

FRANK E. & LUCILLE E. CALKINS, Owners, MARION JEWELL, Mgr.

206 Titus Bldg. EUGENE — OREGON
UNITED MOLASSES TANK AND TROUGH AT MEE RANCH
Foreman Floyd Miller adjusts float value to control molasses level in trough...
what my neighbors to the north and south of here have told me about the changing conditions of the forests in their area and from watching and listening to a good many Forest Service officials. I am convinced this mismanagement of our forest lands has been common throughout California.

Most people who make their living from the land know there is a great variability in the land from one section of the country to another. Variability often exists between adjoining fields and even within a field. For this reason, I have argued with various Forest Service officials, since the establishment of the National Forests, that they cannot manage all the forest areas of the United States with a single set policy. Some of these men admitted their policy was wrong in California (and some are experts at double-talk), but they had to follow the policy laid down from above or they would lose their jobs. There appears to be little chance of change in policy because those who fail to follow the party line usually have little hope of advancement to important positions.

One-Sided Story. I am not in a position to exploit the national treasury to publish my observations and opinions; nevertheless, I wish to make them public as I am sure the story the public has been getting from the Forest Service these many years is quite one-sided. Furthermore, I am convinced that in time the mismanagement of the national forest areas in California by the U.S. Forest Service will be well proved.

I was born in 1880 at O'Neal's, Calif.,

John and Harriet O'Neal
Author and his wife, February, 1952.

MARCH 1952

TWO BLADES OF GRASS
Continued from Page 61

Say! You can still buy
DOUBLE M HEREFORDS
at these sales

La Grande, Ore., Feb. 24
4 BULLS, 2 BRED FEMALES selling in the annual Tri-County Hereford Breeders' Assn. auction. Three sons of RS Princeps 57, one of TT Onward 3; two daughters of RS Princeps 57, bred to Larrys Repeater 1, son of MW Larry Domino 116.

Spokane, Wash., March 5
3 BULLS, 3 BRED HEIFERS selling in the annual Northwest Hereford Breeders' Assn. auction. Two are sons of RS Prince Royal, our Register of Merit herd bull, one of RS Princeps 57. Two heifers by RS Prince Royal, one by TT Onward 3, all bred to Larrys Repeater 1.

Filer, Idaho, March 14
3 BULLS selling in the annual Idaho Cattlemen's Assn. auction. Two sons of MM Helmsman.

DOUBLE M HEREFORDS

ADAMS, ORE.

STANFIELD, ORE.

IRVIN MANN . IRVIN MANN, Jr. . BILL MCDONALD, Herdsman
PAT HOPPER . BOB HOPPER

FRONT PASTURE CATTLE . . MIDDLE OF THE ROAD TYPE
GOOD HEADS . . PLENTY OF BONE

WALTER E. PALMER
Purebred Livestock AUCTIONEER
Selling is a Salesman's Job
5170 Edgewood Place
Los Angeles 19
Telephone WALNUT 5529

SAGER
Live stock Auctioneer
Experienced, accounted all thru the West. Write or wire early for your auction date.
H. B. SAGER, Baseman, Montana

RR MILLER & TEALE BOB
SPOKANE
Experienced Advisory and Consultant Service
SALES MANAGEMENT

APPRAISALS
Phone Main 3870
West 807 Shoshone, Spokane, Wash.

INVENTORIES
MARCH 9, PRINEVILLE, OREGON—MARCH 9, PRINEVILLE, OREGON

Third Annual
NORMANDALE HEREFORD SALE
Crooked River Roundup Grounds, Prineville, Oregon
MONDAY 12:30 P.M., MARCH 9

Top-notchers! This is the very best lot we have ever offered in our Production Sales. Here is your last chance to buy topnotch, quality seed stock—sired by a great battery of bulls, such as: M W Larry Domino 58, son of the great "M" Larry; Top-notchers! This is the ino 58, son of the great Mixer; these sale 35 BRED FEMALES OFFERING SHERM Guttridge for WLJ MONDAY M Dom. Donald; R. SHERM MONDAY M Dom. Donald; Good Dom. J B Royal Panama and N H Royal Star. You can profit by being with us sale day!

OFFERING
35 BULLS
35 BRED FEMALES
H. B. SAGER, Auctioneer
SHERM Guttridge for WLJ

A group of the bred heifers with R S Principea 114th. We now have calves by this sire and they certainly look good. Most of these sale heifers were bred in September and carry a longer breeding service than any we have sold before.

NORMANDALE HEREFORD RANCH
J. L. JACOB & SONS
Write today for reservation and catalog.
PRINEVILLE, OREGON

MARCH 9, PRINEVILLE, OREGON—MARCH 9, PRINEVILLE, OREGON

HE SELLS
This Herd Bull Prospects, NH Larry Domino is a grandson of LARRY DOMINO

NORMANDALE HEREFORD RANCH
3rd Annual Production Sale

HE SELLS
NH Larry Royal, is another of the young Herd Bull Prospects we are selling. In addition, we are selling many extra good range bulls.

NORMANDALE HEREFORD RANCH
J. L. JACOB & SONS
Write today for reservation and catalog.
PRINEVILLE, OREGON
would then burn another area.

Into the Forest. My first trip into what is now the Sierra National Forest occurred when I was eight years old. At that time I accompanied my father, Charles O'Neal, on a trip to the Soquel country to deliver four head of bulls to Pettis Station, which was below Soquel Meadow just across the North Fork Creek (the stream that ran through Crane Valley—now Lake). Bull teams were then used in the logging operations in that area. My first real trip back into the forest proper, however, occurred a few years later. At this time my father, Frank Wetmore and I made a trip to Arnold Meadow to get some mules from Billy Larmie. Leaving home we traveled by North Fork and then over Big Shuteye to Arnold Meadow. This meadow was named for Ben Arnold and is now owned by Claude Williams.

Billy Larmie's mules were wild and had not been broken to lead so for a while we had quite a time. My father started out leading two mules and was followed by Frank who prodded father's mules besides leading two mules. I brought up the rear prodding the mules Frank was leading. We finally made it to the top of Big Shuteye and started down the other side. Frank was having a time fighting and cussing the mules when his horse fell into a hole filled with light fluffy ash left from a burned out stump. The ash rose in a dense cloud, completely covering the

### The IDAHO CATTLEMEN'S ASSOCIATION annual Spring RANGE BULL SALE

**Saturday, March 14**

**Filer, Idaho**

**200 BULLS**

All with be over 18 months of age as of April 1.

Every bull will be graded by three competent judges.

**AUCTIONEERS:**

Earl O. Walter, Filer, Idaho

Howard Brown, Woodland, California

**SALE MANAGER:**

Walter Schodde, Burley, Idaho

For additional information, write:

LEON L. WEEKS, SECRETARY

IDAHO CATTLEMEN'S ASSOCIATION

IDAHO CATTLEMEN'S ASSOCIATION
sputtering Englishman and his horse. To me this trip into lower Chiquito Basin was a trip to paradise. Never had I seen such beautiful country. This magnificent forest was not logged and hasn’t been until the last few years when a small amount was taken out, but its beauty has long been lost to encroaching brush, thickets of stunted trees, tangled windfalls and other debris. Today you can’t see this forest for the accumulated debris.

Through the Mountains. When I was 14 years old, my uncle, Jim Douglas, took three other boys—Ben Marty, George Marty and Jack Welch—and me on a pack trip through the mountains to the old mining camp of Mammoth. Leaving home, the first day’s travel took us through the familiar neighboring hills up to Crane Valley where we camped the first night under Pine forest. The next morning we continued on until we reached the Old Mammoth Trail that we were to follow through the mountains.

The forest was beautiful and park-like since the forest floor was not covered with a thick blanket of pine needles, tangled windfalls and slopes of impenetrable brush as is the case now. A person could see a considerable distance through the forest and could ride almost any direction without hindrance. Following the trail we reached Beasore Meadow the afternoon of our second day’s travel. It was a beautiful large open meadow and received its name from the Beasores who ran cattle in the area during the summer. Tom Beasore passed away in 1952 at the age of 92.

The next day we continued our trip up the trail beneath a magnificent forest that towered high above us. We were thrilled at the beauty and joys of traveling and camping in the mountains. Many were the deer seen and the vistas enjoyed that the present traveler would fail to see because of the worth-

**INDUSTRY LEADERS—** Among leaders of the livestock industry who attended the annual convention of the American Cattlemen’s Assn. in Kansas City last month were, left to right, A. D. Brown, Michigan; Hub Russell, Maricopa, Calif.; and Jay Taylor, Amarillo, Texas.
How would you like a son of this Register of Merit sire?

...6 of his first 9 calves won for him the coveted honor!

WHR PROUD AGGRESSOR

...one of the two youngest Hereford bulls ever to win Register of Merit!

We have made an arrangement with Lee Scott and Jim Sanders of Suncrest Hereford Ranch to use WHR PROUD AGGRESSOR for our 1953 breeding season.

SEE this famous bull at our ranch 5 miles north of Santa Cruz. We would like to meet you and to explain our breeding and testing program.

Wallace Johnson • Calvin Stephens
E. G. Anderson • L. A. Cook
COBELLES AT KANSAS CITY—Among the Cowbelles attending the convention of the American Cattlemen’s Assn. In Kansas City last month were, left to right, Mrs. John Guthrie, Fortville, Calif., 1st vice president of the national Cowbelle organization. Mrs. Clyde Carlisle, 2nd vice president of the California group; Mrs. J. S. Potter, San Francisco.

less and hazardous tangle of undergrowth and windfalls that now dominate the forest floor. This day we traveled only a short distance to Chiquito Creek where we camped a couple of days. This later became the Cap Keith cow camp.

Continuing Trip. When we continued our trip, we traveled a short distance to Jackass Meadow where we again camped for two or three days. At that time Jackass Meadow was a large, open, wet meadow consisting of from 1,500 to 2,000 acres. The meadow land ran off into the forest on all sides and was free of the thickets of small stunted tamaracks and tangled windfalls now encroaching upon it from all sides. The meadow received its name from the jacks pastured there by the old-time miners, “Daddy” Norris, Pete Killday, Frank Wheelock, Frank Fuller, Bob Landel, Green Hitchcock, Pete Simas, Phil Ralph and Zack Taylor, while they mined for gold on Jackass Mountain. “Daddy” Norris also ran a trading post in the meadow beside the Old Mammoth Trail during the times the Mammoth Mines were booming.

Zack Taylor homesteaded in the meadow and we saw his old cabin. Its remains still stand beside my old cabin in the meadow. When Taylor died, Ezra Chapin, who owned Cascade, was named administrator of Taylor’s estate. He offered to sell Taylor’s homestead to my father for $400. When I urged my father to buy it, he said, “John, what do I want with a piece of land away up in the mountains?” Times were hard then and money not easy to get.

Leaving Jackass Meadow we continued up the trail through a series of beautiful stringer meadows all the way to Granite Creek, which we crossed, and continued to Granite Meadow where we made our next

This is definitely not the time for guesswork nor sacrifice when it comes to selling livestock. The only way to receive the full and true value for your efforts is to ship where buying power is the greatest. More buyers are operating on this market now than at any time on record.

CONSIGN YOUR NEXT SHIPMENT TO THIS PRICE REGISTERING MARKET!
KARPE'S GREENFIELD RANCH

Sells to CORONA HEREFORD RANCH

at $12,500 a half interest in BACA KING 30TH

This sensational coming 3-year-old proved herd sire was bred on famed Baca Grant at Crestone, Colo. He is a son of Baca King 1st by Baca R. Domino 62d by OJR Royal Domino 10th. On the dam's side, he is out of Miss OJR 26th by Baca R. Domino 4th by OJR Royal Domino 10th. Thus he's a double OJR Royal Domino 10th. His second dam is a daughter of Jayhawker Domino. It was the OJR Royal Domino 10th-Jayhawker cross which created Baca Duke 2d, the famous Karpe sire, and many other outstanding Herefords.

You'll like his blocky, flashy calves. And after seeing them we believe you would agree with us that he's a great breeding bull. A bull that has scale, thickness and depth. Quartered down so well that you could almost cut steaks off his hocks. We're really proud of him.

CORONA HEREFORD RANCH

BEN SMITH, Owner
DWIGHT FINFROCK, Manager
CARL DAVIS, Herdsman
Citrus and Harrison, CORONA, CALIF.

Phone: Corona 1538B
The country we passed through this day was exceptionally beautiful with the bright green of the small spring meadows surrounded by the park-like forests. It was possible to see a considerable distance in any direction and to ride almost anywhere without hindrance.

Lost Beauty, Value. Today these spring meadows are gone and the area is covered with millions of puny tamaracks in dense thickets beneath the larger trees. These worthless stunted trees plus the tangle of countless rotting windfalls now make this area very difficult to walk through. Periodic burning used to clean up the windfalls and needle litter besides preventing the growth of the thickets of useless stunted tamaracks that now dominate the space beneath the forest of large trees. Not only has the area lost its great scenic beauty, but it has also lost most of its value for recreation, hunting, forage for livestock and as a source of valuable water needed in the valley below. Each one of those useless, stunted trees is a wick dissipating moisture from the soil into the air as well as a means of preventing a desirable snow pack by allowing the air to circulate beneath the snow and causing it to melt faster. On this day's trip we crossed the former boundary of Yosemite National Park just before reaching Clove Meadow. This meadow was named afterwards by Bill Turner who pastured horses there.

No wonder he's proud of his Heady and Ashburn-bred Champion . . .

Here Bobby Gates, of Patagonia, receives the Reserve Champion ribbon of the Arizona National Livestock Show from Miss Arizona of 1953, Betty Lou Lindley, for his fat steer bred by Heady & Ashburn. Bobby's steer also brought him a top award as Champion of His Breed at the same show.

This show winning performance is just one more example of the money-producing Herefords we are breeding for commercial cattlemen and registered breeders.

Our Herefords are produced in the rough. We do no fitting or showing. But they're real gems that have proved themselves numerous times for others in top show and sale competition and on the range. For more than 20 years we've been a constant source of carefully bred, ruggedly developed Herefords for western cattlemen.

MARSHALL F. ASHBURN, Owner

MARCH 1953
WE'D LIKE TO HAVE YOU VISIT SOULTS FARMS

... and see
one of California's Outstanding Cow Herds

Headed by our powerful bull battery: SUN DOMINO 47 by Sunland Domino 33, CH DONALD DOMINO 101 by NHR Donald Domino 42, GREENFIELD CHIEF 2 by Canyon Victory 17, DIAMOND DONALD N. 24, grandson of Donald Domino 26th, MONTY'S LARRY DOMINO 3, grandson of MW Larry Domino 37, and WYNOLA CLIF 2, grandson of OJR Royal Domino 10.

SOULTS HEREFORTS GIVE SATISFACTION
Wide buyer-acceptance at the sales and on the ranch proves it. Our registered Herefords are a good and dependable source for herd bulls and range bulls. You'll like these big rugged bulls that carry a lot of smoothness and even fleshing.

OUR THANKS to BUYERS of SOULTS HEREFORDS

AT THE CALIFORNIA HEREFORD ASSN. SALE: Neil McDougall, O'Neals.
AT THE SAN JOAQUIN VALLEY HEREFORD BREEDERS' SALE:
  H. A. Vossler, Porterville; C. A. & E. Webb, Tulare, Calif.;

AT THE RANCH: Dick Anderson, Tulare; Sam Vastbinder, Tulare,
  Tony C. Mello Co., Tulare, Verdo B. Gregory, Corcoran.

WE NOW HAVE FOR SALE

60 service age bulls and yearling bull calves. Top breeding. At the ranch.

SOULTS FARMS • Tulare, Calif.

ROBERT YEARY
Superintendent

MERLE SOULTS, Owner

A. C. HARRIS, JR.
Herdsmen
dows before we reached the Old Sheep Crossing on the North Fork of the San Joaquin River. This crossing is about a mile above the present bridge crossing the North Fork. After fording the river the trail winds up through lava outcrops until we reached the old “77 Corrals.” This country was then covered with fine forage among the rocks and upon the benches. This is not true today. This area received its name during the great drought year of 1877. That year several valley sheepmen, who had not had previous experience grazing sheep in the mountains, took their bands of sheep into the mountains to prevent their loss from starvation. Several different bands became mixed and it was necessary to construct corrals in order to separate the various bands. Thus, eventually, the name “77 Corrals.” It was this year that “Uncle” George Russell, an old friend who ran sheep at Gilroy, trailed a band of 2,000 sheep to the mountains and returned home with only 600. When we traveled through this area, it was very beautiful with many nice meadows and the mountain slopes green with feed.

Time Out for Fishing. We camped at “77” a couple of days and while here we boys made a trip down to the San Joaquin River where we caught a nice mess of trout. On the way back to camp we found a stray sheep that had become lost from its hand. We butchered it and packed the meat back to camp as coyotes would have killed it had they found it before we did.

Leaving “77” we traveled up the Devil’s Stairway, through Pumice Stone Meadow, on through Snow Canyon and across King Creek to our next camp at Soda Spring Meadow on the San Joaquin River. This country was all open, beautiful, and covered with fine feed. Here we camped three or four days. One day was spent on a trip up the river through several fine mea-
Adding the best to
IV BAR HEREFORDS

C-W PRINCE DOMINO 21st—highest living Register of Merit sire
A top grandson of C-W PR. DOMINO 21st is now at work in our registered herd. We acquired him from Roy Largent & Sons at the recent Arizona National Livestock Show and Sale. He was one of the outstanding bulls in the show and second highest selling bull in the sale. This addition to our herd is just one more example of our unceasing efforts to bring you ever better Herefords from proved bloodlines.

We were also strong purchasers of top heifers in the strongest Arizona National Hereford Sale ever held. These were daughters of MW Larry Domino 116th, bred to Prince Publican 123d—both sons of the two highest ranking Register of Merit sires. The heifers came from Thurber Hereford Ranch. We bought more quality Herefords from Winston Bros., Greene Cattle Co., and Dudley Bros.

HARD WORKING RANGE BULLS FOR SALE
Raised under natural conditions, they are rugged and ready to make good for you right now. Bulls bred for the western cattleman.

IV BAR RANCH
FATHAUER & SHATTUCK, Owners. Box 507, Phone Bisbee 64, BISBEE, ARIZ.

Please Mention Western Livestock Journal When Writing Advertisers
Mr. and Mrs. W. Fay Herschede, Owners

Harold E. Thurber, Manager

HEREFORD, ARIZONA

Phone Hereford #4

OUTSTANDING SONS OF TWO HIGHEST RANKING REGISTER OF MERIT SIRES

PRINCE PUBLICIAN 123

by C. W. Prince Domino 21

LS BLUE BONNET 308

by Prince Publican 123

GOING PLACES and DOING THINGS . . .

Prince Publican 123d Calves

LS Blue Bonnet 308, flashy daughter of 123d, sold for $8,500 to top the females in the Hereford auction at Fort Worth’s Southwestern Exposition and Fat Sock Show last month. Just a calf, too. A month earlier she placed first in the junior calf class in the sensational Arizona National Hereford Show. There were many breeders who wanted her at Fort Worth, but we were finally successful in buying her from Largent & Sons. She is just another example of what our outstanding herd sire, Prince Publican 123, is doing.

We’ve got a dandy set of 123d calves now on the ground and more are arriving every day. They’ll bear watching. And no wonder. They’re loaded with Register of Merit breeding. Out of daughters of our MW Larry Domino 116, son of immortal MW Larry Domino 50th, and by the 123d . . . both outstanding sons of the two highest ranking Register of Merit sires. A combination that can’t be beat. It’s breeding that is setting new records every year in show and auction rings. Proof enough that these prepotent bloodlines get results. VISIT US AT THE RANCH. WE’D LIKE TO SHOW YOU OUR HEREFORDS.

FOR SALE

at the ranch: Bred heifers, broad cows and herd sire prospects. Many carry Prince Publican 123 and MW Larry Domino breeding. Here’s a real opportunity to tie into this winning combination. Also for sale: weaner bulls and heifers.
AN OPPORTUNITY to buy five top sons by Major our great senior herd sire. Major, with brand number 185, is pictured here with his sons, these five now for sale. Superchief, 230; Major Jr., 231; Silver King, 330; HR Superman, 333; and White Cavalier. This picture demonstrates Charbray prepotency far better than we could tell you. And what they look like from 16 months to 2½ years old.

Add the nine-fold Charbray advantages listed below to your herd with these outstanding sons.

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

**“The Silver Cattle with the Gold Future”**

**HUNT RANCH**

Harold W. Hunt & Sons  
El Centro, Calif.

**COLUMBIA SHEEP — THE ALL AMERICAN BREED**

Columbia Sheep — year best buy.  
Some breeds far mutton  
Some breeds for wool  
Columbia Sheep for both mutton and wool.

COLUMBIA SHEEP BREEDERS  
ASSOCIATION OF AMERICA  
Alma Eptin, Secretary, Box 315, Logan, Utah

**Herefords—Cairns Style**

- Breeding burly range bulls with size, good feet and legs, using Super Donald by NHR Super Domino.

MR. & MRS.  
THEO. L. CAIRNS  
P. O. Box 335  
LINDSAY, CALIF.
Ernest Klette of Fresno County, ran sheep on Peckinpaw Mountain as did George Waggon and his partner, Jim Walker ran sheep on what is now the Green Mountain range. Bill Brown, the father of Billy, Herrick, Jerry and Elaine, once took 100 head of mules from Cassidy County. The shepherds would not let him cross them at Miller's Bridge (named after Heber Miller's father) so he crossed the San Joaquin River near the mouth of the South Fork and brought the mules up and through a gap near the side of Balloon Dome.

Miller and Lux also trailed sheep from their West Side ranges up into the mountains. Alex Gieves was their camp tender. There is an old chair that he cut from a log at my camp in Jackass Meadow. Later Miller and Lux quiet taking sheep to the mountains and started taking steers. When I hauled the quartz mill to Jackass Mountain, Miller and Lux had 1,000 steers on the Beasore-Jackass ranges and another 1,000 head on the Cassidy range. Tom Beasore and Tom Jones also had cattle in the Beasore area.

I took my first cattle into the mountains in 1900 when I was 19 years old and continued to take either cattle or sheep into the mountains each year—except for 1944—until 1950. The first year I took 125 head of my father's cattle. It was a mixed bunch consisting of cows, calves, steers and bulls. With the exception of one year I ran cattle on the Jackass range until the close of 1916 when I sold out to Bill Turner and went into the sheep business. Up until this time my father and I were partners and we held a permit for 500 counters, 490 cattle and 10 horses.

Trailing Cattle. During the first three years that I took cattle into the mountains, we trailed them by way of North Fork. Leaving home the first day's trailing took us to Pomona Dick's place this side of Bath, Bill Ellis's ranch near North Fork where the cattle were confined to a fenced field overnight. The next day we traveled past North Fork, Cascade and then along the old road past Joe Kinsman's to the Jess Ross place for our second night's camp. The Ross place was later called the Halloch place and is now called the Hogue Ranch. Here the cattle were turned loose in the forest for the night.

The forest was then so open and abundant with feed that the cattle did not scatter far and little difficulty was encountered the next morning in rounding up for the third day's trailing. That day we traveled to Logan Meadow on lower Chiquito Creek for our third night's camp. Logan Meadow received its name from Cap Logan who homesteaded and ran cattle there. The meadow is now owned by the Wagner brothers. Tom Brown ran cattle on the lower Chiquito range, and his summer home was where the Placer Fire Guard Station now stands.

At the time the lower Chiquito country was very beautiful with a fine stand of timber that was kept open and

9th ANNUAL SHOW & SALE
Reno, Nevada—March 15-16
100 BULLS
10 FEMALES
SALE—MONDAY, MARCH 16—11 a.m.

CONSIGNORS

Bragg, T. L. & Son .................................. Fallon, Nev.
Dangberg Land & Livestock Co. ....................... Minden, Nev.
Dressler, Fred ........................................ Gardnerville, Nev.
Herman, N. B., Rancho San Rafael ................... Reno, Nev.
Harris-Shipher .................................................................................................................................
McIntyre, L. M. ............................................. Fallon, Nev.
Petersen Bros .............................................. Elko, Nev., & Ogden, Utah
Pitchfork Cattle Co. .................................... Reno, Nev., & Vinton, Cal.
Reid, Glen ................................................. Wells, Nevada
Sauer, Leo .................................................. Reno, Nevada
Schuman Bros., Clover Valley Hereford Ranch .... Wells, Nevada
Short, Jesse ............................................... Ruby Valley, Nevada
Windy "J" Hereford Ranch ................................ Carson City, Nev.
Winterton Bros ......................................... Kewan, Utah

JUDGE: HARRY PARKER
SAN LUIS OBISPO, CALIF.

AUCTIONEER: COL. H. B. SAGER
BOZEMAN, MONTANA

Cocktail Party, Sunday, March 15, 5 P.M., given by the Mapes Hotel, in the Nevada Room of the Mapes.

Write for Catalog, to: John E. Humphrey
Sec'y-Treas., P. O. Box 1282, Reno, Nev.

PRESIDENT
FRED DRESSLER
GARDNERVILLE, NEVADA

SALES COMMITTEE CHAIRMAN
GEORGE LEONARD
CARSON CITY, NEV.
Registered Hereford bulls and females for sale


JOHN REAGOR
YAMPA, COLORADO

To all interested in

CHAROLLAISE CATTLE

NOTE: The International Charolaisse Cattle Raisers Association has just received its charter. You are cordially invited to become a member and especially to attend our meeting to be held in Houston, Texas, during the Texas and Southwestern Cattle Raisers Association convention, at 2:00 p.m. March 18 at Kelley's Cattle Room above Kelley's Cafe on Texas Avenue across from the Rice Hotel. At this meeting we will accept applications for membership and select officers and directors and consider by-laws, so please be there.

I. G. (CAP) Yates, President

International Charolaisse Cattle Raisers Association
ALPINE, TEXAS

One of Arizona's Charter Members
SANTA GERTRUDIS
Breeders' International
RANGE BULLS—COMMERCIAL CATTLE
BARD RANCH, Kirkland, Ariz.

ARIZONA STOCKMAN
Est. 1935
FIRST IN RANCH READING
CATTLE • SHEEP • GOATS • HORSES
$1.50 yr. • $2.50 2 yrs. • $3.00 3 yrs.
Arizona Title Building
128 North First Avenue, Phoenix, Arizona

WESTERN LIVESTOCK JOURNAL

park-like by periodic light burning. This prevented the accumulation of rotting windfalls, litter and thickets of brush and stunted trees that have since crowded out the fine stand of feed that once grew under the trees and greened the mountain slopes. This country once produced sufficient forage for a great many more cattle than are permitted there now. Here also is the last sizable stand of good virgin timber left on the Sierra National Forest; however, roads are now being built into the area so this timber may be logged. This timber was produced and protected from destruction for ages by the periodic use of fire. The Forest Service moved in with their false propaganda and rump-type of management and in 50 years have allowed so much brush and highly inflammable trash to accumulate in this forest that all now needed to destroy the whole area is a careless match or the right lightning flash.

After rounding up our cattle the morning of the fourth day, we followed the old Indian Trail to the trail from John Brown's Meadow to Jackass Meadow where the cattle were turned loose on their summer range. John Brown Meadow received its name from an early-day prospector by that name who had a cabin there. It was at this meadow that Old Dick Wade, an old-time sheepherder, was almost killed by a bear. Dick, who herded sheep for many of the old-time sheepmen, was camped at John Brown Meadow with a band of sheep. A bear got into the band of sheep, and when Dick tried to stop him, he was attacked by the bear. He had to play possum before the bear would leave him alone, and by then he was so badly chewed up they had to bring him out of the mountains.

Farm Accounts Are Firm

Basis for Future Planning

Prices and price levels are important to farmers, but price trends are more important to them, since they must plan their crop and livestock production at the start of the year, says University of California Farm Advisor Jean C. Miller of Los Angeles County.

The price trend during 1952 was down. Farm prices dropped 12%. The outlook is for slightly declining prices to farmers during 1953, in spite of the generally favorable outlook for other business.

The farmer spends his money now for land use, labor and supplies. It will be six months or more before he can sell his products. A declining trend in prices can make it difficult for a farmer who has not found ways of cutting his costs.

This is the time of year for farmers to do a careful job of production planning. Farm accounts form a sound basis for such planning. If an adequate farm account system has not been adopted, Miller suggests the purchase of a farm account book or a discussion of this problem with a farm advisor.
Third Annual
OREGON POLLED HEREFORD ASSN.
Show & Sale
March 1 & 2, Oregon State Fairgrounds, Salem

41 Bulls
37 Females

Bulls are from 15 to 27 months of age; females 12 to 27 months old. All cattle will be judged and graded and no animal grading below 2 minus will be permitted to sell.

CONSIGNED BY 34 OF THE LEADING POLLED HEREFORD BREEDERS OF OREGON:

Arnold Braat, Salem
Harold Buckner, Terrebone
Waneard Buckner, Terrebone
W. N. Bumpus, Cottage Grove
C. S. Christianson, Eugene
Ralph L. Cook, Medford
R. Joe Dodge, Estacada
W. R. Eggleston, Brownsville
Walter H. Fisher, Oregon City
Virgil Folsbee, Toledo
D. E. Hall, Madras
Dick Hibberd, Imbler

Frank Hill, Weiser
Elmer Horning, Halsey
Kirk & Robinson, Hепner
H. R. Leonard, McMinnville
C. E. Lewis, Aumsville
M. J. Looney & Edw. Jenks, Tangent
Clayton W. Mann, Philomath
Jim McFarlane, Powell Butte
W. V. Merchant, Culver
John Miller, Halsey
Minkoff Hereford Ranch, Clatskanie
J. C. Morgan, Echo

Roy Newport, Culver
Roy Robinson, Mt. Vernon
Rohwein Bros., Scio
Carey S. Stearns, Lapine
Reed Taylor, Alieel
Paul Townsend, Gervais
R. A. Ward, Halsey
Everett V. Wilson, Shedd
Floyd Worden, Hепpner
Yachats Polled Hereford Ranch, Yachats

Auctioneer: H. B. SAGER
Judge: D. E. Richards; Grading Team: James T. Elings and Larry Williams

For further information, write:
DON COIN WALROD, Secy., P. O. Box 511, Oregon City, Ore.

Oregon Polled Hereford Association
“I SELL ALL MY MILK...
AND STILL RAISE
BIG, HEALTHY CALVES”

The Answer Is...

CALVITA Calf Formula

Yes . . . sell ALL your milk . . .

Because CALVITA is a calf formula and not just a feeding supplement, your calves will not need one single drop of milk. CALVITA is complete in itself, containing all the necessary milk solids, vitamins, minerals and other nutrients to raise big, healthy calves. Yes, sell all your milk . . . your calves won't need it when you feed CALVITA . . . the complete calf formula.

LOWEST FEEDING COST

By any comparison with any other known and nutritionally complete method of calf feeding, CALVITA will feed out at a far lower cost. Don't let the price per pound fool you. Read the feeding directions and you can figure out for yourself how CALVITA costs less to feed.

AUREOMYCIN ADDED

You know the proven results of antibiotics in calf feeding. CALVITA calf formula has a guaranteed aureomycin content in the recommended quantity.

Ask Your Dealer For CALVITA

National Vitamin Products Co. MINNEAPOLIS 6 MINNESOTA

SAVE your milk! SAVE your calves! SAVE on feeding costs!

Selling at the-
Oregon Polled Hereford Assn. Sale
SALEM, OREGON — MARCH 2

4 Bulls — 2 Bred Heifers

- Three bulls and two heifers are by Larry D. Blanchard, reserve champion bull at the 1960 Oregon Cattlemen's Sale. He is a son of CMR D Blanchard, the sire of the 1952 champion bull and the 1951 reserve champion bull at the Oregon Polled Hereford Assn. Sale. The other bull is a son of Douglas Dom.
- The heifers are bred to Prince Lekan T 1, son of Pres. Mischief 9 and whose dam is a daughter of Lekan Tone. Good legs, size with smoothness, the good doing kind. We sell one bull at the Eastern Oregon Hereford Assn. Sale at Ontario, Oregon, March 20.

RIVERSIDE POLLED HEREFORDS

Frank & Ruby Hill WEISER, IDAHO (Oregon side)

Don't Miss It!—
1953 Southern California Beef Tour Set April 9-16

by Roy DuVall WLD Field Representative

YOU won't want to miss the WLD Beef Cattle Tour, through Southern California and the south central coast April 9-16. One designed for the stock people—old-timers, newcomers and yet-to-be cattlemen—and staged on some 40 of the state's outstanding ranches.

Here's an opportunity to visit the ranches, see their cattle, study management practices that have paid off, and discuss common problems. You'll see the results of proper planning and management of breeding, feeding, grazing, permanent pasture, reseeding, fertilization and soil conservation. All carried out with the most modern equipment and under the most advanced management ideas.

And while you're getting a lot of new and valuable ideas, you'll meet the finest people in the world. No wonder folks say, "I had the time of my life on the Western Livestock Journal Tour."

Familiar Trail. The tour will run for eight days along much of the route of the old mission trails in Southern California and the south central California coast. The tour will start Thursday morning, April 9, at Los Angeles.

The caravan will move south along the beautiful coast of Orange and San Diego Counties, then through the scenic canyons mantled with flowering spring vegetation and through the green irrigated interior San Diego valley.

Saturday and Sunday, April 11 and 12, we'll proceed through the citrus and grain-blanketed valleys of Riverside and San Bernardino Counties. The last stop Sunday will be in Los Angeles County, and that night will be spent in Los Angeles.

Up the Coast. The following day, April 13, the tour passes through San Fernando valley and over to the coast highway. Ranches will be visited all the way to the famous flower-growing Santa Barbara County. Then the tour will cut back into Los Angeles via Ojai and Fillmore to U. S. Highway 99 to end in Los Angeles Thursday evening, April 16.

Those taking part in the tour may take in one visit, may spend a day or two or take in the entire trip. You may travel in your own automobile or—get the most pleasure and benefit—you may ride in a comfortable chartered bus. The bus will be equipped with a public address system to provide a means for discussion as we travel along the highway between stops.

Watch the weekly and monthly issues of Western Livestock Journal for a detailed schedule of stops and reservation coupon to be mailed in for hotel and bus reservations.
"Back to School"—

Livestock Men in Northern California
Turn Out for Series of Discussions

By REUBEN ALBAUGH

Extension Animal Husbandman, University of California, Davis

BACK TO SCHOOL" was the order of the day for livestock men in the North Coast counties of California last month. In these counties from Alameda to Humboldt, producers set aside their ordinary, every day activities, hung up their saddles, and attended livestock schools which were planned and organized by farm advisors of the various counties involved, together with committee of livestock men representing the California Cattlemen's Ass'n., California Farm Bureau Federation and the California Wool Growers' Ass'n.

These folks who raise the steaks and chops for the tables of the country turned to the halls of learning to the tune of 755 or an average of 84 per county. They came to study, hear lectures, and see demonstrations on the new practical scientific practices that affect their business. Specialists and research workers from the University of California assisted farm advisors in presenting subject matter at these affairs.

Economics—that is—its trend and what might happen in the future to the great livestock business of California was discussed by George Alcorn, that golden-haired, silver-tongued economist from Berkeley. Alcorn stated that numbers of cattle are on the increase; and unless slaughter is heavy, within a year or two numbers will reach 100 million head. He pointed out that we could slaughter 40 million cattle a year and still maintain that 100 million head. Last year 28½ million head were slaughtered. It is easy to see what might happen to meat prices if slaughter numbers go to 40 million head. In the coming year, Alcorn predicted, hog numbers are likely to be reduced while sheep numbers will probably remain about the same. He also stated that when incomes are high the people prefer to buy beef, and over a long period of time we spend about 6c out of every dollar for meat.

CHEAPER FEED. How to increase feed production was a topic that was discussed at each of these meetings by Vic Osterli, agronomy specialist from Davis, who spear-headed this part of the program. He was flanked by farm advisors such as Mose Lusk from Lake County, Bill Brooks from Mendocino County, John Lenz from Humboldt County and Irving Grover from Napa County. Management of pastures and ranges so that the plants have an opportunity for some regrowth between grazings was one of the main points discussed by these agronomists. They showed that by proper management feed produced on irrigated pastures in California can be increased by one-third. Such an increase in feed production would greatly increase the amount of meat produced and would in turn, decrease the cost of production.

Five steps outlined in their discussion were fertilization, proper irrigation, weed control, grazing management and brush control. They were strong in their recommendations for improvement of natural ranges in California and suggested heavy early grazing of the weedy, fast growing, annual species of plants, establishing perennials, and introducing legumes properly fertilized and inoculated.

SUPPLEMENTAL FEEDING. Supplementary feeding of sheep and cattle both on the range and on irrigated pastures was ably discussed by Walter Johnson,
Vanderhoof Polled Herefords

NOW AVAILABLE—
A dozen of each—
Big, thrifty heifers and bulls, of breeding age,
range-raised in our foothills.

When here, see our four daughters and
three sons of Real Plato Domino, Jr., the
world's record-priced Polled Hereford bull.

FRED & BOB VANDERHOOF • WOODLAKE, CALIF.
PHONE 155

Selling at the OREGON POLLED HEREFORD Association SALE
Salem, Oregon, March 2

2 Bulls • 2 Females

The two bulls are sons of ALF Choice Dom. 22. They are low set, deep bodied and smooth.

We are selling one daughter of ALF Choice Dom. 22 and bred to Leskan Tone 45. She will make a big, roomy cow.

You will like the lowdown, thick stylish young, open daughter of Leskan Tone 45 we are selling. She has the quality of a real foundation cow.

PREMIER EXHIBITOR—W. V. Peterson, left, owner of Sierra View Hereford Ranch, Fresno, Calif., received the premier exhibitor award at the 1952 California Polled Hereford Assn. Show in Sacramento. Association President E. H. Spoor, center, makes the presentation, at the same time discussing the matter with D. W. Chittenden, right, Kansas City, executive secretary of the American Polled Hereford Assn.

the popular, energetic, well trained farm advisor from Alameda County. He showed that when range grasses become dried, leached out by rain, fog and sun that they are materially reduced in protein, minerals, vitamins and carbohydrates. He demonstrated that the deficiencies of these range feeds at that time of the year can be easily corrected by supplementing with cottonseed meal-salt mixes and alfalfa meal.

He pointed out that pregnant cows and ewes should be properly fed during the last few months of pregnancy and that it was much cheaper and more beneficial to feed an animal small amounts of a supplement over a long period of time, rather than a large amount after the animal has lost considerable weight.

Improved breeding, such as the use of proved sires and using these sires on only the best females of flock or herd was another subject that received emphasis at these schools. It was brought out that much improvement can be made in both sheep and cattle if replacement animals are selected from the offspring of high-grading females which were bred to fast gaining high-grading rams or bulls. Examples on how such programs are carried on, as well as the results of these systems were presented at these schools. Costs of producing beef and lamb were discussed at these schools by Arthur Shultis, farm management specialist from the California Agricultural Extension Service at Berkeley. He pointed out that the cheapest feed produced in California is on the native grasslands.
ranges and that anything which can be done to increase their production would lower the cost of producing sheep and cattle.

Hormone Use. The role of hormones in the production of sheep and cattle was also discussed. It was demonstrated that these wonderful substances, which are secreted by the ductless glands of the body, show great promise towards increasing lamb and beef production. The use of stilbestrol to increase lamb and beef production has been tried experimentally on several ranches in California as well as the Experiment Station at Davis. In these tests from ½ to 1 lb. per day increase in gain has been secured on beef steers, while feeder lambs have gained as much as 30% over the control animals. It was brought out by Dr. H. H. Cole, chairman of the department of animal husbandry at Davis, that the use of hormones is not recommended at the present time. He is working with the Pure Food and Drug administration to secure their approval for the general use of this material in beef and lamb production.

Factors which affect percentage of lamb and calf crop was another subject that attracted the interest of livestock producers at these schools. Under this subject the proper management of these breeding animals and their offspring was discussed. The key to the success of either the sheep or cattle business is the securing of a high percentage of calf or lamb crops. Proper feed, rotation of bulls or rams and control of disease high-lighted this subject.

Marketing Problems. Stan Brown, veteran farm advisor from Lassen County, demonstrated the proper age at which cattle should be marketed. Backed by 17 years of cost study

Fall Sales Proved
ACEHI BREEDING
Does the Job!

You saw our cattle at many of the sales all over the state and the active demand for Acehi bulls when they came into the ring. Buyers knew they could depend upon this good Acehi breeding. You, too, can depend on our rugged, range raised bulls to produce easy fleshing calves that will weigh more at weaning time and be preferred by feeder buyers.

STUART COOPER in charge of sale bulls
Route 4, Phone White River 472
PORTERVILLE, CALIF. . . . FARNSWORTH

PATTERSON
POLLED HEREFORDS

Sired now by GS Golden Royal 34 and MY Trumode 10. Good cattle, modestly priced.

LUTHER & EVA PATTERSON
519 E. Honolulu St., LINDSAY, CALIF.

Selling eight good rugged bulls — all horned . . .

NEVADA HEREFORD ASSN.
Show & Sale — RENO
MARCH 15 - 16

FRED H. DRESSLER
Gardnerville, Nevada

TALKING IT OVER—Getting together at the 1955 convention of the California Cattlemen's Assn., held last December in San Diego, were F. R. Farnsworth, left, owner of Acehi Hereford Ranch, Porterville, and a member of the board of directors of the CCA, and Dave Sweden, Bakersfield, former president of the association.
We are selling...

at the OREGON POLLED HEREFORD ASSN. SALE
SALEM, ORE., MARCH 2
1 bull
3 bred heifers

The bull—Douglas Dom. Mischief—is a heavy boned, good headed grandson of Pres. Mischief 44.

One of the heifers is a three-quarter sister to our champion female at last year’s sale, out of Pres. Mischief 44 and carrying the service of CMR D. Blanchard, the sire of last year’s champion bull. She is truly a top heifer.

The other two heifers are daughters of Golden Dom. 2, and are bred to CMR D. Blanchard.

You will like the high quality of this offering.

KIRK & ROBINSON
Heppner, Ore.

another SVR makes good

SVR Domino 28th—Champion and top selling bull at 1952 California Polled Hereford Assn. Show & Sale.

Our cow herd and powerful bull battery listed below are producing the best SVR’s we have—the team that won the Premier Exhibitor Award for biggest winnings in strong 1952 California Polled Hereford Show.

- SVR TRUMODE DOMINO
- SVR DOMINO 22
- PFF ADVANCE WORTH 33
- VAN’S DOMINO 145
- SVR BACA ROYAL

SIERRA VIEW
HEREFORD RANCH
P.O. Box 96, Clovis, Calif.
W. V. Peterson
Dan Davis, Herdsman
Res.: 4855 Sunset Dr., Fresno, Calif.
Phone: Fresno 7-4417

records on producing cattle, he showed that in most cases long yearlings are the most profitable animals to sell.

Horace Strong, well-known livestock specialist from Berkeley, discussed a variety of subjects at many of these schools and proved to be a pillar of strength in answering questions during the panel hours.

Disease and parasite control of both sheep and cattle were subjects handled at these gatherings by Dr. Blaine McGowan from Davis, Dr. Dean Furman, from the University of California at Berkeley and Dr. R. H. Walker of Alameda County.

The holding of a series of livestock schools on an area basis is a new venture of the University of California Extension Service. This new idea proved to be very successful, and livestock owners appreciated the efforts of the farm advisors in the various counties in promoting planning and holding these educational events.

Cattle Grubs Are
Robbing Profits

Profit robbing cattle grubs appearing on the backs of cattle are reaching their peak season during this period. Only effective means found to control this livestock pest is by spraying or dusting the backs of cattle with a material containing 5% rotenone, according to the California Agricultural Extension Service.

Treatment should begin approximately 30 days after the first grubs appear and be repeated every 30 to 45 days throughout the grub season.

A mixture of 7½ to 10 lb. of cube or derris powder containing 5% rotenone added to 100 gallons of water makes an effective spray solution, states Al Weber, Los Angeles County farm advisor. This solution should be sprayed at a pressure of around 400 lb. at the nozzle head. About one gallon of solution is required to adequately cover the back of each animal.

Dusting is often preferred by owners of small herds. Dusts should consist of one part cube or derris powder, containing 5% rotenone, and two parts inert carrier.
Combatting Decline—
14 Points for Producing Beef on a Falling Market

By CHARLES KYO
WSC Extension Livestock Specialist

FALLING beef markets usually means lower returns to the beef producer. There are two ways he can cushion the drop in income—improve the quality of his product or lower his cost by increasing efficiency.

Here are ways to increase efficiency or increase the value of the product that is sold:

1. Produce quality. Whether you are a purebred or a commercial producer, quality in cattle is more important in the time of falling prices than in the time of rising prices. Mediocre bulls or off-type feeders are now selling far below good bulls or top-quality feeders. Quality in breeding is like money in the bank at the time you need it worst. Therefore, in buying bulls this spring be more selective from the standpoint of quality, rather than less selective because the market is lower.

2. Cull the cow herd closely to remove less efficient producers. And at the same time, select replacement heifers carefully so that the possibility of their being efficient producers is emphasized.

Barren cows, late calvers or poor milkers should be immediately removed. Off-type cows of inferior quality should not be kept.

Heifer replacements should be selected at weaning time for size, fleshing quality and type. Size and condition at weaning time greatly reflect the milking ability of their dams. Milk production is important if you are to wean heavy calves.

Make the next cut on heifers at breeding time and remove those who haven’t made sufficient growth since weaning. The third cut on replacement
FEEDING PROBLEMS

CHANGE TO PROFITS...

Simply and Quickly the Williamson Way!

CATTLEMEN! A phone call to Williamson will change your feeding problem into profit.

* Experienced, skilled engineering service
* Complete modern equipment
* Custom designers and builders

supply the answer to every feeding problem. It costs nothing to learn more. Write or phone now.

JOHN W. WILLIAMSON & SONS, INC.
1545 South Greenwood Avenue, Montebello, California • Phone Union 8-2121

Please Mention Western Livestock Journal When Writing Advertisers

POLLED HEREFORDS
Young Bulls for Sale
Horseshoe F Ranch
Route 1
ELLENSBURG, WASH.

Montana 'Spidel' Bred

POLLED HEREFORDS
Do Good
Any Place
ROBERTS LOAN & CATTLE CO.,
Box 1098 Roundup, Mont.

HARRY HARDY
Purebred Livestock AUCTIONEER

ANGUS • HEREFORDS • SHORTHORNS
My success in the auction business assures you of well conducted sales. For dates, call . . .
Bakersfield Livestock Auction Co.
2546 So. Union Ave., Bakersfield, Calif.
Phone 233299
Licensed and Bonded

heifers should be made after the first calf heifers wean their first calves, i.e., that if the first calf is lighter than the average of other first-calf heifers, such possibilities are great that every succeeding calf the cow would produce would be below average in weight. This has been definitely proved by research.

Feed a ration that will develop heifers to a size so that they can be bred to calve as 2-year-olds. The little additional cost in the ration necessary to do this the first winter is much less than the cost of carrying a heifer a full year to breed her so that she can calve as a 3-year-old. The size of the heifer is the most important thing in calving 2-year-old heifers.

3. Breeding. To improve quality more rapidly in range herds, follow a selected breeding program by topping out the cow herd and the range bulls segregating the best bulls and heifers during the breeding season and select heifers from this combination for replacements.

4. Use production-tested bulls. We are far enough along with the production testing work to know that efficiency can be improved by production testing. There is a wide difference in the ability to make efficient use of feed and in their ability to make rapid gains. More and more production-tested bulls are becoming available each year.

5. Winter the cow herd on sound but economical rations. Proper supplementation of low-quality roughages to add needed protein and vitamin A, when necessary, will insure stronger calves. Make what feed you have go farther, and is sound economically on a falling market, or rising market either, as far as that's concerned. Grain should not be used unless it reaches a point where it is cheaper for the energy given in a ration than hay is. Watch for by-product feeds, such as pea sludge, sweet corn cannery refuse sludge, molasses, potatoes, beet pulp, apple pumace and others which might possibly furnish a cheap source of energy feeds, and in some cases protein feed. Don't overlook the fact that a small amount of alfalfa hay can be used as both a protein and vitamin A supplement. Five pounds of alfalfa hay per cow per day, if the hay is of good quality, will meet the requirements of both.

If you are wintering steers for grazing next summer, winter to make moderate gains and primarily on roughages. Three-quarters of a pound a day on a calf that is to be grazed next summer as a yearling is a good figure to shoot at.

6. Pasture management. Get maximum production. If you are seeding new pastures, include legumes where possible; both the daily gain and beef per acre will be increased. Rotation grazing, on either range or irrigated pasture, will increase production. Understock pastures rather than overstock. The cattle will come off grazing...
higher and your pastures will continue to produce better. Save back winter pasture or range where possible and supplement range with protein and vitamin A as needed. Use a maximum amount of pasture in the production of slaughter steers, and withhold grain until such a time as it is needed to assist you to market at the period desired. Frequently protein supplementation of steers on dry range from along in the middle of the summer until even into the late summer or fall will hold daily gains up and shorten the feeding period needed.

7. Save calves. Take every precaution possible at calving time to see that all calves are saved. It's one of the critical times of the year. Your activities here can affect your entire income from the cow herd. Your veterinarian is a trained obstetrician. He can frequently save calves for you that might otherwise be lost. Call him early enough so that he has a chance of doing you some good when he gets there.

8. Castrate calves before they are a month old. It will increase quality. Use a method that will avoid slips. The knife is still a safer method. The same will apply to dehorning calves before they are six weeks of age.

9. Control parasites. You probably lose more feed from lice than any other parasite. This is the time of year when their numbers are highest. If you haven't sprayed for lice this winter, catch a warm day and do the job. Ask your county agent for recommendations about the chemicals to use. And now is the time to start your grub control program. It will also pay dividends.

10. Control disease. Follow your vaccination programs to avoid the possibility of loss. We have outbreaks of blackleg in the state each year. Calves given vaccinations for Brucellosis give you protection.

11. Watch your market cycles in developing your marketing program. Over a period of time certain kinds of cattle consistently sell higher or lower in certain markets. Fit your production program so that you can market when your kind of cattle normally sell best. Once you have your marketing program and your production program coordinated go the same way from year to year. Changes in your marketing program frequently put you in a worse shape. An example is holding calves over on a falling market without proper winter feed or sufficient grass the next year. The weight loss, plus the expense, plus the lowered price will frequently make them less profitable.

12. Feed for profit. If you are producing slaughter steers, feed to a minimum grade that will give a maximum of profit. Middle-good to low-choice grades are most often best. Produce the size steer that the market wants. This will normally mean starting with younger cattle, because heavy steers are selling in a bad position at this time.

13. Sell at a market where you get paid for the quality you produce, and where a maximum of competition exists.

14. Use your county agent. He is in position to know the newer things coming from research that will save you money.
Shipping Study —

Better Care Could Reduce Damage to Beef in Transit

A study of loss and damage in rail transportation of dressed beef made recently by the USDA shows that better maintenance of the running gears of refrigerator cars and more care in loading would reduce materially the transit damage to shipments of dressed beef.

The study, made under authority of the Agricultural Marketing Act, and with the cooperation of the Railroad Perishable Inspection Agency and other agencies, covered the records on shipments of more than 3,600 cars of dressed beef, and test shipments for a 12-month period. It was made to find out why loss and damage claims paid by U.S. class 1 railroads on meat shipments (which cover only part of the total cost of the loss) have been about $1,500,000 or more a year (up over 700% from 1939), and to suggest preventive action. Much of the damage is caused by quarters of beef falling or being thrown from their hooks to the floors of cars during transportation, resulting in torn, soiled and bruised meat.

Inspection of cars in which substantial damage to beef was repeatedly found showed that all these cars had mechanical defects serious enough to contribute to beef damage. Worn or slack draft gears (shock absorbers attached to the coupling) with little or no snubbing power were found to be the most common mechanical deficiency.

Badly worn wheels, excessive side bearing wear and clearance, and worn truck springs and snubbers were among other defects contributing to excessive shock and vibration that caused beef to fall to the car floor. Tremor and recording devices in test showed that severe longitudinal and vertical vibrations were closely associated with the frequency and amount of the damage.

Quarters of the better grades of beef, including prime, choice and some good grades, were found to be more susceptible to damage than quarters of the lower grades. More forequarters than hindquarters of beef were found to be damaged in transit. It was suggested that this might be reduced by inserting the meat hook under the front rib on the forequarter because it was observed that there was more damage when the hook was placed higher on the quarter.

A copy of the report, "Loss and Damage in Rail Transportation of Dressed Beef," can be obtained from the Office of Information Services, Production and Marketing Administration, U.S. Department of Agriculture, Washington 25, D.C.

Middle Agenda
By S. Omar Barker

At middle-age, men seem to hunger To feel, perhaps, a few years younger.
At ditto, women set more store By looking less than forty-four!

A Quarter Century of Angus Improvements...

And all these years our aim has been to give western cattlemen Angus that pay top dividends — on the range, in the breeding herd, and in the feedlot. The kind that has scale and bone for western ranges but yet appeals to judges in the show ring. You too can take advantage of this bred-in type and quality developed over years of most intensive and selective breeding program. Visit us at the ranch anytime.

Range Bulls for Sale

READY TO WORK, range raised and in their working clothes. Rugged and tough — the kind that brings buyers back year after year. Also yearling heifers — some ready to breed. Bandolier breeding on sire's side and Revolution blood on dam's.

ED. BIAGGINI

Range Bulls for Sale

READY TO WORK, range raised and in their working clothes. Rugged and tough — the kind that brings buyers back year after year. Also yearling heifers — some ready to breed. Bandolier breeding on sire's side and Revolution blood on dam's.

SALE AVERAGE FORECASTERS — The WLJ cameraman caught this trio just as they were forecasting what the average would be at the 1952 San Joaquin Valley Hereford Breeders Assn. sale in Tulare. From left to right they are L. N. Montgomery, Riverdale; L. H. Strathmore; and C. R. Montgomery, Riverdale. The Montogmerys are Polled Hereford breeders.

These deep, thick, typy females would be breed improvers in any herd. Our cow herd is strong in Sunbeam and Eileenmere blood and particularly strong in Bandolier breeding on Revolution bred cows.
You Are Cordially Invited to Attend

Our First Annual Production Sale

Saturday, April 18 AT THE RANCH, Selma, Calif.

5 Bulls • 45 Females

We celebrate our 10th anniversary in registered Angus breeding by offering the very tops from our herd. Truly a sale of top quality and nationally popular bloodlines. We feature the get and the service of our great battery of herd sires:

PRINCE ESTON of FERNDALE, the $30,000 Grandson of PRINCE SUNBEAM 46th, and half brother to the $40,100 PRINCE FERNDALE W.W.F.

ERNEST of WEST WOODLAWN, the famous "bob-tailed" Bull; a double-bred EILEENMERE 32d, son of POSTELMERE.

HOMEPLACE EILEENMERE 35th and 36th, outstanding sons of the immortal EILEENMERE 467th, famous Penney and James Bull.

EILEENMERE 1801st, good son of the great International Champion, Eileenmere 500th.

HACIENDA PRINCE ERIC, 2-year-old son of PRINCE ERIC 2d of SUNBEAM, a full brother of the $100,000 PRINCE ERIC of SUNBEAM.

PARDOLIER of HACIENDA, summer yearling, intensely BANDOLIER bred MAID of BUMMERS Grandson of the Bull which sired the 1949 International Grand Champion Female.

HACIENDAMERE, eldest Son of ERNEST of W.W., and many times winner on the Western Fair Circuit. One of the Great Young Bulls in America today.

WRITE FOR ILLUSTRATED SALE CATALOGUE!
Our Offering at Sacramento March 1-2
2 Bulls • 3 Females

PRINCE OF PALOMAR 10"
—Senior yearling, one of the top bulls in the West this year. We stand behind the statement that here is a real herd bull prospect. Out of Pridista Revolution, a sister to Prince Barmar 2", the 1946 Cow Palace and 1947 California State Fair Grand Champion bull. The 10" is by Blackcap Barmar 2", one of the most consistent breeding bulls in the West. In Prince of Palomar 10" we are offering a herd bull that comes from two of our strongest breeding families at Palomar. If you are interested in a real herd bull prospect invest in a bull with a proven background.

BLACK PALOMAR:
—A Junior yearling bull by our Pride’s Bardolier of Walnut bull and out of a Blackcap Progress cow.

BARD’S PALOMAR EFFIE:
—A Senior heifer calf, here is a sweet little individual with a pedigree that is better than money in the bank, going back to our Black Effie cow, a double-bred Hanes’ Eileenmere. This little heifer has the breeding that is popular all over the country. You couldn’t make a better investment in an Angus female than Bard’s Palomar Effie. Her breeding will always be in demand.

BARD’S MISS ENERGICE:
—A Senior heifer calf. Another heifer by our Pride’s Bardolier of Walnut bull and bred to Prince of Palomar 8”, one of the strongest bred Bardolier bulls in the country.

MISS BLACKBARD PROGRESS:
—A Summer yearling female from one of our good Blackhawk cows and bred to Prince of Palomar 8”.
Visit with us at the Sacramento Sale and we will be glad to show you our sale cattle.

H. N. BERGER, Owner
111 E. Live Oak Ave.
Arcadia, Calif.
Phone: DOuglas 73551

KEN GROSS, Manager
Palomar Angus Ranch
Pala, Calif.
Phone: Pala 2136
By RAYMOND HUSTED

The first livestock event I attended in 1953 was the 5th Annual Arizona National Livestock Show at Phoenix. I have said quite a good deal about this show in former years. From the time it started late in December 1948 it has shown a constant growth in exhibits of cattle and interest of both its Phoenix promoters and the large number of visitors attending every year. I think this fifth show surpassed anything that has been put on at Phoenix heretofore in all its departments. As has always been the case, the Hereford show had a great many more entries than the other beef breeds, but the Angus and Shorthorn entries were creditable and attracted a lot of favorable comment from the crowds that watched the judging. There is no doubt in my mind but

FAST GAINERS—These Angus steers on Morris L. Doisy's Volcano Angus Farms at Hat Creek, Calif., gain an average of two pounds per day on irrigated pasture.

Be sure to see - - -

DRY CREEK ANGUS

at the

Pacific Regional
Angus Show & Sale

SACRAMENTO, CALIF., MARCH 1-2

- ONE PEN OF HEIFERS:
  The 30th was six times Grand Champion at California shows and the rugged son of Bar Woodlawn by famous Postelmare.
  Blackcap McHenry, dropped June 26, 1951. By Barbara’s Prince 11th. ALL BREED TO WELL PROVED, MELLOW, DEEP, EMPEROR 111th OF WYOMING. BY EMPEROR BELLBOY K.
- ONE INDIVIDUAL HEIFER:
  Blackcap Judy of Dry Creek, by Hacienda’s Blackcap 30th.
- PEN OF THREE COWS:
  Queen of Rosemere 399th, Blackbird of Rosemere 257th, and Barbara of Rosemere 246th. All these cows are by Prizemore 399th, one of the top Rosemere herd sires. Here is a good uniform pen of proved producers, and carry the very best in Rosemere breeding. First two are bred to Bandolier 211th of Wilton by RLS Black Prince, one of the very top sons of Black Prince of Sunbeam. The other cow bred to Emperor 111th of Wyoming.

SOLD - 1951 - 1000 HEAD - 2000000 YOKE - 100,000,000 LBS. OF PROVEN BLOOD

Herschell Pruett
In charge of registered operations.
Phone: Santa Ynez 4458
Selling at Inland Empire Aberdeen-Angus Sale, March 6 at Spokane

3 Bulls • 2 bred Heifers

Two sons of Bar Eston 9, sire of champions. One of the sons of Bar Eston 9 was our junior yearling show bull. He won his class and was junior champion with one exception wherever he was shown. On a seven-month feeding period, the bull gained from 2.42 to 2.69 lbs. per day.

The other bull is by Eston Blackcap 13, sire of many winners.

One of the heifers is by Bar Eston 9 and bred back to Eston Blackcap 13. The other heifer is by Eston Black 13 and bred to Bar Eston 9. This is the combination that has been winning consistently for us and will win for you.

Meadowmere Farms

LENHARD BROS.
Deer Park, Washington

Selling at the

INLAND EMPIRE ABERDEEN-ANGUS ASS'N SALE
Spokane, Wash. - March 6th

3 BULLS, 3 BRED HEIFERS

One of the bulls is a son of Eston Meadowlad 3, by Bar Eston 9. He is a full brother to the bull in the picture at left and one of the high selling bulls at the sale last year. The other two bulls and the three heifers are by Eston Meadowlad 9, a son of Bar Eston 9. The heifers are bred to Blackcap Eston 2 of Circle H, a low set, heavy quartered, good headed bull. They have the size and quality to tie to.

ADAMERE ANGUS RANCH

LYNN LANGENHEDER

RITZVILLE, WASH.
that the support which the Phoenix show gets from the businessmen of the city is away beyond anything I have ever seen in any similar event. Of course Phoenix has been showing a marvelous growth, and the entire population seems to be on its toes in the development of all the enterprises of the city. But the enthusiasm which has always been put into this Phoenix show is certainly outstanding, and it has made a record of progress in a very few years which may be envied by some of the older and more prominent shows elsewhere.

One noon I listened to Frank Snell, president of the Arizona National Show, talk to a service club at the show grounds. I was very much impressed by the figures he gave as to the increase in numbers from comparatively few cattle entries in all the classes in 1948 to this show in January 1953. His statement regarding the growth of the junior show was particularly impressive, as there were only a handful of junior entries at the first show, and this year something over 100 head were shown, all of which were well fitted. Undoubtedly the Phoenix show is on its way!

The results of the judging of all the breeds of cattle at Phoenix have been covered by the WLJ staff in the weekly papers and I'll not attempt to say much about this, with the exception of a few comments on what I think were outstanding highlights. I was interested to watch Davie Carter again judge the Herefords. He officiat-
Davie's selection of the Roy Langer bull calf for the reserve, LS Ranch Mixer 16 (he looks like a "comet.")

At the Cow Palace W JR Put on a brother-and-sister act, that commented on a good deal for the champion bull and champion heifer. Milky Way didn't do this at Phoenix but showed two full sisters to champion and reserve champion females, which was the first time ever seen this happen. The champion heifer was MW Zatos Larryana 4, senior yearling—the reserve was MW Zatos Larryana 10, a summer calf. Both were sired by Zatos Aristocrat, a son of TT Triumph, the well-known Dan Thornton Denver champion.

WIN RESERVE SPOT—These good-looking Hereford senior calves, reserve grand champion carlot bulls at the recent 1953 National Western Stock Show at Denver, were exhibited by Wyoming Hereford Ranch, Cheyenne. Photo by Corwin

ed at Phoenix a couple of years ago and was invited to come back this year and did all right again. I've known Davie ever since he was a comparatively young man working with the Robert H. Hazlett herd. He is now associated with the Greenhill Hereford Farm at Thsas, Okla., and is doing a nice job there, as he always has done.

I was interested in Davie's placing of champion Hereford—Dudley Bros. (Comanche, Texas) DB Larry Domino 34, a son of JJ Larry Domino 7, and a grandson of Jack Haley's "200th" bull. This bull created considerable comment a year ago at the Phoenix show when he won first place as a summer yearling, and a few days later won the same recognition at the National Western 1952 show at Denver. This year the Dudley brothers brought him back as a 2-year-old and he walked off with the championship—he looked like a champion bull to me. I also liked Davie's selection of the Roy Langer bull calf for the reserve, LS Ranch Mixer 16 (he looks like a "comet.")

I WAS very much pleased to run into D. Burns, who judged the pens of bulls and heifers and also the pens of...
CATTLE AND CALVES ON FEED

BY STATES AS OF JANUARY 1, 1946-53

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Thousand Head</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>88</td>
<td>82</td>
<td>90</td>
<td>85</td>
<td>88</td>
<td>88</td>
<td>90</td>
<td>98</td>
<td>94</td>
</tr>
<tr>
<td>Ohio</td>
<td>120</td>
<td>167</td>
<td>126</td>
<td>113</td>
<td>120</td>
<td>125</td>
<td>125</td>
<td>136</td>
<td>143</td>
</tr>
<tr>
<td>Ohio</td>
<td>183</td>
<td>135</td>
<td>181</td>
<td>155</td>
<td>143</td>
<td>176</td>
<td>186</td>
<td>225</td>
<td>125</td>
</tr>
<tr>
<td>Indiana</td>
<td>476</td>
<td>464</td>
<td>500</td>
<td>425</td>
<td>475</td>
<td>489</td>
<td>489</td>
<td>504</td>
<td>630</td>
</tr>
<tr>
<td>Illinois</td>
<td>81</td>
<td>77</td>
<td>83</td>
<td>80</td>
<td>87</td>
<td>91</td>
<td>96</td>
<td>110</td>
<td>115</td>
</tr>
<tr>
<td>Michigan</td>
<td>84</td>
<td>77</td>
<td>77</td>
<td>83</td>
<td>80</td>
<td>87</td>
<td>91</td>
<td>96</td>
<td>110</td>
</tr>
<tr>
<td>Minnesota</td>
<td>281</td>
<td>261</td>
<td>252</td>
<td>240</td>
<td>300</td>
<td>284</td>
<td>300</td>
<td>315</td>
<td>350</td>
</tr>
<tr>
<td>Iowa</td>
<td>971</td>
<td>976</td>
<td>779</td>
<td>901</td>
<td>935</td>
<td>943</td>
<td>1,002</td>
<td>1,274</td>
<td>1,277</td>
</tr>
<tr>
<td>Missouri</td>
<td>360</td>
<td>359</td>
<td>340</td>
<td>250</td>
<td>315</td>
<td>284</td>
<td>279</td>
<td>279</td>
<td>128</td>
</tr>
<tr>
<td>North Dakota</td>
<td>56</td>
<td>44</td>
<td>64</td>
<td>58</td>
<td>57</td>
<td>64</td>
<td>65</td>
<td>72</td>
<td>110</td>
</tr>
<tr>
<td>South Dakota</td>
<td>166</td>
<td>176</td>
<td>177</td>
<td>180</td>
<td>160</td>
<td>180</td>
<td>180</td>
<td>237</td>
<td>120</td>
</tr>
<tr>
<td>Kansas</td>
<td>417</td>
<td>425</td>
<td>413</td>
<td>300</td>
<td>420</td>
<td>450</td>
<td>502</td>
<td>731</td>
<td>140</td>
</tr>
<tr>
<td>Oklahoma</td>
<td>249</td>
<td>273</td>
<td>257</td>
<td>220</td>
<td>250</td>
<td>222</td>
<td>265</td>
<td>265</td>
<td>95</td>
</tr>
<tr>
<td>Wyoming</td>
<td>2,371</td>
<td>2,445</td>
<td>2,456</td>
<td>1,994</td>
<td>2,466</td>
<td>2,473</td>
<td>2,485</td>
<td>2,438</td>
<td>1,262</td>
</tr>
<tr>
<td>North Central</td>
<td>2,335</td>
<td>2,326</td>
<td>2,417</td>
<td>2,544</td>
<td>2,405</td>
<td>2,449</td>
<td>2,452</td>
<td>2,367</td>
<td>1,450</td>
</tr>
<tr>
<td>Total U. S.</td>
<td>4,480</td>
<td>4,221</td>
<td>4,322</td>
<td>3,321</td>
<td>4,510</td>
<td>4,408</td>
<td>4,298</td>
<td>5,024</td>
<td>5,236</td>
</tr>
</tbody>
</table>

Estimates include only cattle being fattened for market as a more or less distinct agricultural enterprise, and excludes small operations incidental to dairy and general farming. Cattle thus fed are presumed to produce carcasses that will grade good or better.

In addition there have been a number of cattle finished in distillery slop, mostly in Kentucky, and on by-product feeds in other states not shown as well as large numbers being winter fed in W. Virginia, Virginia, Kentucky and some other states to be marketed as grass fat in late summer.

1953 as a percent of 1952.

Idaho Falls, Idaho

MARCH 16

Idaho's big Angus show and sale. Show, March 15. Sale, March 1. At the Idaho Livestock Auction yards. PICK of bulls and females from many of the West's leading herds. Specially bulls for the rangeman and farmer. Also herd bull prospects and some dandy heifer and cow additions to purebred herds.

For full details, write or wire.

Harrison Cutler, Secretary P. O. Box 251, Napa, Calif.

Sponsored and conducted by
Pacific Coast
ABERDEEN-ANGUS ASSN.

Page 121
Having HERD BULL Problems?

EMPEROR ERIC 3" is our two-year-old Show Bull, selling in the P.C.A.A.A. Regional sale, Sacramento, March 2

Emperor Eric 3" has a great Show Record, is a tried and proven Herd Sire. You can see his calves at the ranch. An unfitted daughter is also selling in this sale. You can't go wrong on buying a pair like this. We recommend both of them just as highly as anything we have sold, and we feel sure we have never sold a better Herd Sire than Emperor Eric 3".

WE ARE ALSO SELLING: 1 Pen of Bred Heifers of good quality and bred to good bulls. Who knows, maybe they will produce top Show and Sale animals.

A Pen of late open Heifers (a real buy for project heifers) out of top cows and bulls. All the above females will be nominated to the Western Futurity.

PEN OF RANGE BULLS—GOOD.

DID YOU KNOW THAT RANCHERIA has sold—or sold the sire or dam—of ¼ of the high selling cattle in all the sales from Colorado west? This includes 36 sales. Our cattle have been tops in 9 of these sales. Why not secure some of these cattle for YOUR HERD?

WE HAVE A LIMITED NUMBER OF YOUNG COWS AND HEIFERS FOR SALE AT THE RANCH.

RANCHERIA ANGUS
CHARLES & CATHERINE RYAN — ANDERSON, CALIF.
SELLING MARCH 2 at SACRAMENTO

Pacific Regional Aberdeen-Angus Sale

- One individual 2-year-old Angus BULL, sired by Hacienda’s Bar Revolution 45th 1072877. He was champion bull at Klamath Falls in 1949.
- Pen of 2 Angus BULLS—2 years old.
- Pen of 3 Angus BULLS, summer yearlings sired by Blackcap Revolution J 5th B88888. Have same sire as champion bull at Red Bluff in 1952, champion pen of heifers at Cow Palace and champion pen of bulls at Sacramento.

SELLING APRIL 21 at KLAMATH FALLS

Pacific Coast Aberdeen-Angus Sale

- Pen of 3 HEIFERS.
- 3 BULLS.

For Sale at the Ranch

- Fine, deep bodied, registered Angus bulls of breeding age.
- Young heifers—both registered and commercial.

SCOTT VALLEY ANGUS

CARL S. & JESSIE K. HAMMOND • Phone 4-F5 • ETNA, CALIF.

TALL WHEATGRASS SEED

- For Semi-arid Range or Alkaline Pastures

S. REID
58 'A' St., Springville, Utah

RANCHO ARROYO PERDIDO

Registered Aberdeen-Angus Breeding age bulls now available
Mrs. Sarah Arnold Kirkpatrick
Box 26 Phone: Santa Ynez 285 LOS OLIVOS, CALIF.

Selling at the

INLAND EMPIRE ABERDEEN-ANGUS ASSN. SALE

Spokane, Wash., March 6

1 Bull — 3 Bred Heifers

Selling at the

OREGON ABERDEEN-ANGUS ASSN. SALE

Salem, Ore., March 10

1 Bull — 3 Bred Heifers

All are by Eileenmere 622, direct son of the international champion, Eileenmere 500. The heifers are bred to Freeman’s Eileen Lad, a lowset, thick, heavy quartered Eileenmere bred grandson of Emperor of Glen Urquhart 15. The heifers are well bred of high quality; breed improving type; should produce lowset, fast maturing calves. The bulls are well developed and of fine quality.

J.Q. FREEMAN & SON, BAKER, OREGON
G. W. (Jerry) FALES

AUCTIONEER
SALE MANAGER
SALE Management SERVICE

OAK PARK RANCH
Registered Aberdeen-Angus

If you’re looking for Angus bulls or foundation females pay us a visit at our new ranch headquarters 8 miles South East of Corning. Buy half brothers, half sisters to animals that made us Premium Breeder & Exhibitor, 1948 Calif. State Fair.

CHAS. M. MCDOWELL
Rt. 1, Box 264A
Corning, Calif.

OAK PARK RANCH
Registered Aberdeen-Angus

If you’re looking for Angus bulls or foundation females pay us a visit at our new ranch headquarters 8 miles South East of Corning. Buy half brothers, half sisters to animals that made us Premium Breeder & Exhibitor, 1948 Calif. State Fair.

CHAS. M. MCDOWELL
Rt. 1, Box 264A
Corning, Calif.

Ormondale Ranch

Registered ABERDEEN-ANGUS
Young Bulls and Heifers for Sale
680 Portola Road, Woodside
San Mateo County, Calif.
Phone U44-1181

Green Pastures Ranch
ABERDEEN-ANGUS
We have some fine bred cows and some good breeding age bulls, for sale.
NAPA, CALIFORNIA
MRS. VESTA PEAK MAXWELL, Owner

LUCIE ANGUS RANCH
MERCED, CALIFORNIA
Top quality, pasture raised breeding stock for sale
Visitors always welcome
WILL WYRE, Mgr.
Phone 24-J-1

ANGUS EMPIRE
EMPIRE, CALIFORNIA
FOR SALE—Young registered Angus bulls
HENRY A. CODONI & SONS
Phone—Madera 3-4855

RIVERVIEW FARM
ANGUS
Registered and commercial
J. M. WILSON, Lampoc
Santa Barbara County, Calif.

CALIFORNIA RAISED
ABERDEEN-ANGUS
FOR CALIFORNIA BREEDERS
On highway 99, 16 miles south of Sacramento. Phone Elk Grove 7652.
JIM GUTRIDGE
Route 1, Box 1540, Elk Grove, Calif.

INCORPORATED
Good an assortment of old-time stories regarding the border country in Arizona as any man I have ever known. Probably nearly everyone has read the article in the American Hereford Journal on Tom—Jan. 1 issue.

I think I haven’t mentioned anything about Mrs. Cushing’s (Eureka Ranch, Bonita, Ariz.) hats the last couple of years. I met her this year again at Phoenix and noted that she is still nobly carrying out the tradition of outstanding headgear and, as usual, I mentioned it to her. I hope Mrs. Cushing won’t be embarrassed by my public references to it in this column!

I visited with quite a lot of the California Angus folks during the judging of the Angus classes—Hacienda’s Bill and Willie Volkman, Al Waugaman, Charlie and Catherine Ryan, all showed cattle. The Biaginnis (Ed, Sr., Edward, Jr., and their wives) and John Hershey and his wife were on the sidelines watching Carlton Corbin from Ada, Okla., do the Angus judging. Les Mathers, Mathers Bros., Mason City, I11., was on deck at Phoenix with his Shorthorn herd. Les and his brothers used to show Shorthorns at the National Western in Denver in the rather early days of that show.

Les and I always kind of check up on each other whenever we have met in late years to be sure we are both still around. Frank Scofield from Austin, Texas, judged the Shorthorns and I had a chance to have a little visit with him too. Frank Scofield was also another old-time exhibitor at the National Western in bygone years. I ran into several members of the Pierce family—Pierce Farms, Inc., Scottsdale—at lunch one day. Lee TePoel and his better (and I mean better!) half were managing the show as they have for the last several years and put on their very efficient acts as always.

My wife and I drove directly from the Phoenix show to A. H. Karpe’s Greenfield Hereford sale at Bakersfield. We thought we were making pretty good time coming across from Wickenburg to Hope on the way, but the Volkmanns passed us up like we were tied to a post, and all we got was a honk and a wave from Willie. Then later, when we were rolling along between Parker and Needles, just about dusk, Bill Verdugo and Shorty Peacock also passed us up—just how fast they were going, I don’t know, but I wasn’t losing any time. Shorty had confided to me earlier in the day that he had to go over into Nevada on some matters of business and that he and Bill planned to spend the night at Las Vegas. The way they went by me I am sure they made it in time for a large evening.

When we reached Needles and were seeking a little refreshment before turning in for the night, we ran into Col. Harry Hardy of the auction yards at Bakersfield on his way home and had quite a little visit with him. He had been at the Phoenix show and Harry
said he had to be home the next morn-
ing in time to receive some cattle. I
guess he made it all right, although it
was quite a drive. I thought, from
Noodles over to Bakersfield that eve-
nong.

The next morning we continued
on our way to Karpe's and it
seems to me this event attracted even
a larger crowd than I remember hav-
ing seen there before. I think every-
one was wondering just how the sale
would come out this year, after the
recession in prices at other sales and
the general cattle market. I am sure
that they were pleased to find that
breeders are still willing to pay strong
prices for the cattle that meet their
requirements—and to get the combi-
nation of blood lines that Mr. Karpe
has been putting into his Herefords.
The sale offering was undoubtedly
the best group of cattle that Mr. Karpe
has put together in any of his annual
sales. And, although the sale average
was under that of the year previous, I
believe the general feeling was that it
was a successful sale. It was interest-
ing to me to note that California buyers
took the largest percentage of the cattle
sold, with much of the rest of the
offering going to Oregon, Wash-
ington, Idaho and Utah. It seems that
this is a very interesting and encour-
aging comment on the class of pure-
bred cattle the breeders in these West-
ern states are interested in, and their
determination to get the best kind they
can when they are offered for sale.

Mr. and Mrs. Karpe, as always, put
on a very good barbecue luncheon
the day of the sale, and I understand there
were over 1,100 people taken care of
at this event, which is sure quite a
family, I'd say. Also, the night before
the sale, they entertained a large num-
ber of visitors at a banquet, the like of
which you don't see very often any-
where. The only regret I had was that
I had so many hours d'oeuvres before
dinner came along that I couldn't do
complete justice to the wonderful New
York cut steak which was set before me.

Art Thompson couldn't make it to
the Karpe sale on account of being
hospitalized, which was regretted by
everybody, but Freddie Chandler did a
very good job and made a pre-sale
speech that I thought was a dandy.
Walter Palmer assisted and finished up
the sale in good shape. The only thing
I have against Walter is that he had
the hotel apartment next to mine the
night before the sale and he woke me
up about five bells, singing in the bath-
tub, and also taking a few shots at his
auction patter.

I SPENT a very interesting evening with
the Boots & Spurs Club of
Cal Poly at San Luis Obispo at their
annual awards banquet. The boys had
asked me to talk to them, and, al-
lthough this is a little out of my line,
I tried to do so and had a good time.
The banquet was held at the Edna

MODERN FEED YARDS

1 MILE
FROM
MARKET!

Finish your feeders at California Cotton Oil Feed Yards. Location just ONE MILE from Los Angeles Central Market assures perfect timing and fast delivery for buyer's top—without shipping loss!

For reservations

PHONE
ANGelus 0189

FEED YARDS — 3610 EAST WASHINGTON BLVD.

REDWOOD TANKS Are Efficient

for STORAGE or
STOCK WATERING

"THEY LAST"

Redwood Tanks have proven their life span. They have high insulation and minimum shrinkage. They are resistant to fungi and insects. Seasoned Redwood and superior workmanship with proper construction assures you durability.

See Your Dealer or Write:

GEORGE WINDELER CO., Ltd.
2207 Jerrold Ave., San Francisco 24, Calif.

TRADE-MARK

BURDIZZO

BLOODLESS CASTRATOR

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

O. M. FRANKLIN SERUM CO. — DENVER
Sole Makers. LA "BURDIZZO" CO.
Corso Sebastapol 187—TURIN (Italy)
Farm Center Hall near town and there were about 200 Cal Poly students, their wives and sweethearts, on deck, besides practically all of the top-flight faculty members at Cal Poly and their wives.

Lyman Bennion and Spellman Collins of the Cal Poly faculty barbecued the steaks and did a swell job on them—as one of the students told me the next day, Dwight Eisenhower had been president only two days and we had 2-inch steaks. It certainly is refreshing to see a bunch of young folks like this when they let their hair down a little at this kind of a party and we all had a wonderful time. One of the students, Jim Whittaker, was emcee and toastmaster.

Jim comes from the rather rugged country up in Mendocino County. He told me some of his remarks and stories were a little on the "rugged" order, but well received by everyone, including the very dignified members of the Cal Poly faculty. They also took the write-off a very good orchestra headed by Stan Tysell and made up of what he calls his "Cowlegians." Stan and the boys sure pulled some very good stuff. If you ever hear them, be sure to request that they sing and play "Hamish," and a few others of their choice repertoire.

The day after the banquet I got up with Lyman Bennion and he took me around to some of the newer developments of the Cal Poly campus, including a trip to what they call the Peterson ranch. A very interesting development was a side hill pasture of filaree and bur clover which had been fertilized. It really was a wonderful thing to see the way this had brought out the growth of grass, as compared to the adjoining hillsides. It looked like an irrigated pasture, compared to the other land, but of course it is entirely dry hillside pasture.

Dean Varil Shepard and Gene Brendlin, foundation manager for Cal Poly, picked me up as I got through with Lyman and took me over to a meeting of the Morro Bay Rotary Club where we had a very pleasant hour. Later, I met Ken Kitich, who heads up the journalism department provided for the Cal Poly students, and a group of his
THE Tri-County Hereford Assn., made up of Hereford breeders living and operating in Santa Barbara, San Luis Obispo and Ventura Counties, California, put on their 10th annual sale at Paso Robles late in January. After several years of highly successful sales at Paso Robles, the consignors were on their toes as to the quality of their offering; and it was the opinion of everyone who attended that this year the boys really did bring the quality of their offering; and it was started and when the general sale average was figured after the sale.

No one thought it would be possible for the high averages of the last two years to continue, considering the general cattle price situation, and it was evident that the buyers had readjusted their ideas as to values when the bidding started and when the general sale average was figured after the sale. However, I believe that on the whole the consignors were pretty well satisfied with the results, and that the buyers felt that they had secured a very useful bunch of cattle at reasonable prices.

Jack Selby of Ojai again had the champion and top selling bull this year—SSS Donald 23, a son of Taylor's Donald 13, who was himself a champion at the Tri-County sale held at Dos Pueblos Ranch several years ago; Andy Simpson and I had the pleasure of making him champion at that time. The 13th was a son of Diamond Donald 81 who has been one of Harry Parker's outstanding Diamond Ranch sires, and the 13th turned out to be a real breeding bull, as has been shown by his get at the Tri-County sales the last two years. I was also interested in seeing that the top-flight boys who get out "El Mustang" the Cal Poly paper. The group consisted of John Mette, editor; Bill Long, managing editor; Jim Tanji, photo editor, and Bob McKellar, one of the staff writers.

We had quite a jam session that afternoon and the boys really put me over the jumps on various subjects, including cattle breeding, newspaper field work and what have you, and I think we all enjoyed it. I found during the afternoon that Ken Kitch is a nephew of A. S. Kitch, an old-timer of Rocky Ford, Colo., who has been prominent in the cattle business in Colorado for 40 these many years. He and Ben Kemper of the old Denver Livestock Commission Co. were partners on a lot of cattle deals. Ben and I were neighbors when we lived in Denver. He has since passed on, but A. S. Kitch is still going strong at Rocky Ford.

ROY R. WOODS
SHORTHORNBS
Paicines, Calif.
Phone Tres Pinos 431
Woods Shorthorn bulls are your shortcut to better milking cows, heavier calves.

DEMAND TESTED PIPE
DON'T TAKE CHANCES
All of our used pipe is reconditioned, tested to 350 lbs. water pressure and dipped in tasteless, hot asphaltum which adds ten years to its life . . . New threads . . . New Couplings.

All without extra cost to you
All sizes in stock.
Write Now.

PACIFIC PIPE COMPANY
409 Folsom St. • San Francisco 5

PERRY H. COX
REGISTERED
SHORTHORNBS
The heaviest, more profitable Shorthorns for ranch and farm. Sired by SHOW-BOAT KING, who truly turns them out thick and early-maturing.

P. O. Box 816—Linden, Calif.

CRUGGLETON PERFECT
SHORTHORN BREEDING FOR SALE
The blood of the Great Cruggleton Perfeet is well established in our herd. We now have 36 females by his son, Cruggleton War Bond, and out of dams of the best breeding in the Northwest.

at INLAND EMPIRE SHOW & SALE
Spokane, March 3-4
3 of these Cruggleton War Bond females will sell.

at DAVENPORT BULL SALE
1 Cruggleton War Bond Bull
1 Meripold Star Consul Bulls out of Cruggleton War Bond Cows.

LAKEVIEW RANCH
Jacob Walter, Jr. & Don Everold
Tom Will, Manager
ODDESSA, WASHINGTON
Jack Selby had a junior yearling bull in this year's sale sired by SSS Donald 2, a son of the "13th" and out of a Badamo dam, that I thought showed the same characteristics as to scale, bone etc. as the bulls sired by the "13th" himself. Therefore it would seem to me that he is able to transmit his breeding to his get, and on down the line.

The reserve champion bull this year was Dynamo Domino, a senior yearling shown by John C. Ferguson of Orcutt, Calif., a comparatively new breeder in the Tri-County ranks. This bull was also sired by a sale champion, Diamond Ranch Premier Donald 21, a bull that was the champion sale bull at the California Hereford Assn. sale at Madera several years ago. Which looks like these sale champion bulls really carry on, don't they? It took Ed Rousek, who judged the Tri-County sale cattle this year (pillow fighting for Dale Catherwood who was sick) quite a long time to decide between the Selby bull and the Dynamo Domino bull which he made reserve.

Dos Pueblos Ranch topped the champion pen of three bulls award on a very uniform group, and Jim Vincent and his boys from Glennville promptly carried them off when they were sold. This outfit always is on hand at the California Hereford auction sales, and always pick the good ones and buy them.

Banner Ranch, the Mettler herd, had a pen of three junior yearling bulls which showed rather more size for age than any other consignments and brought the highest price of the pen sale. Banner Ranch also had the champion pen of heifers, as well as individual champion heifer. The Mettler herd bull, Baca R Domino 6, a son of OJR Royal Domino 10, bought at one of the Great Western sales at Los Angeles, by the way, has proved himself to be a real breeding bull for the Banner Ranch, as has been shown in their consignments to various California sales over a period of years.

The details of the sale have been printed in the weekly Journal, therefore I won't go much into that.

The Paso Robles Chamber of Commerce really distinguished itself this year by providing identification badges for individual visitors and also car stickers for each automobile, which entitled the holder to park without limit in parking meter zones. All of which was greatly appreciated by the cattlemen who attended. Also the brand of weather that was dished out particularly on Sunday, the judging day, was superb; and while sale day was little cooler, the sale ring was comfortable and the big crowd was well taken care of. This year's champion features were limited mostly to individual parties, so some of us got to bed a little earlier than is usual at the Tri-County sales, but everybody had a good time.

On the way back to Los Angeles from Paso Robles, my wife and I stopped for a visit with Kenneth and Lilah Davies at their X-D Poll Hereford Ranch. The morning was chilly and the log fire in their living room was very welcome, as was the great hot coffee which Lilah served us. Gilbert Davies was in Paso Robles as he got stuck on jury duty, but his wife, Betty, brought in their newest arrival—a girl—just two weeks old—for us to see.

Everybody was in a hurry that morning to Kenneth and I didn't take time to look at his cattle, but on the way out I did see a bunch of the X-D cows with some good calves on them. This looks like a good year for the country around Cholame, and both the wheat farmers and cattlemen are feeling pretty good about the prospects.

Reduced Swine Production Might Affect Many Groups

Oregon farmers and consumers will feel many effects of the nation's farm plan to produce 15% fewer hogs this year, believes M. D. Thomas, agricultural economist of the Oregon State college extension service, Corvallis.

Production of fewer hogs will not necessarily result in high pork prices, he says, because of the larger supplies of beef and the weak market for hogs. However, it may mean higher prices for turkeys and lower prices for feed grains.

Thomas explains that with less pigs this spring there will be fewer hams next fall. Restaurants and housewives may buy more turkeys instead. Because of these factors, chances for higher turkey prices are improved.

Oregon producers and users of feed grains also can be affected by a drop in pig numbers. Thomas continues. Hogs are heavy grain eaters. Last year, they consumed nearly half the feed grain eaten by livestock in the nation. Farm and wholesale prices of feed grain are now lower than they were a year ago and may decline even more. If there is another large corn crop this year and there are fewer hogs to feed grain prices may be considerably lower next fall.
features:

Stallion Management  Should We Restore Our Cavalry?
Modern Design in the Stud Barn  Speed Begets Speed
Why not breed to the Best?

N. R. Paul A. proves the advantage of breeding the best in Quarter Horses. Colts by him should equal his record—perhaps better it, if possible. This Stallion of Distinction, sired by Star Deck P-1343 and out of Little Dixie Beach P-4758 by Tommy Clegg, holds 16 halter championships at leading horse shows throughout the country. Many different judges have acclaimed him the best in the show ring. He holds the AQHA award of "Quarter Horse Champion." If you want colts of championship calibre, book your mare now to N. R. Paul A.

N. R. PAUL A.
P-19,794

AT STUD
$250 with return.
Book your mare now.

His service will be featured in our SALE with B BAR D RANCH—SUNDAY, MAY 10—BAKERSFIELD

Here's your opportunity to buy our very finest Quarter Horses

Offering around 35 head of mares, stallions and geldings in this joint auction with B Bar D Ranch. Show Horses—Breeding Stock—Working Horses—Running Horses. The top of the breed. Sale will be held at Kern County Fairgrounds. Catalogs available about April 10. Write for yours.

GORDON WHEELER RANCH
GORDON and ILEEN WHEELER, Owners
Eddie Evitt, Manager
Phone Pedley 5-5385
9561 Galena St.
RIVERSIDE, CALIFORNIA

QUARTER HORSES—At Their Best
HORSEMEN have asked why we publish a stallion issue and this seems a mighty good time to do a little explanation on its development. This being the 18th year we have published an issue featuring the sires of the Western country, it is only natural that we should be proud that it is the oldest and largest horse issue published in the West.

Feature issues like these are primarily dictated by those who read Western Livestock Journal and 18 years ago there was a crying need for better stallions and improvement in the light horses of the West. Nelson Crow felt the need as explained by ranchers and horsemen and wanted to help people learn where good stallions could be found. It was his feeling that by publicizing the value and importance of good seed stock, appreciation for better horses would be developed by all those interested in horses.

True to the old idea that when you give people something they need your offering will be appreciated, this annual Stallion Issue has become a tradition among horse people.

Our editorial content has been turned more each year toward helping people learn more about what constitutes a good stallion and more stories have told how to handle stallions and mares during the breeding season.

Registered horses 18 years ago were rather unusual—ranchers and everyday riders used grade horses mostly. But today, nearly all ranchers own registered horses and now demand good conformation, disposition and usefulness, as well as registration papers in their horses.

Important too is that no one breed has a monopoly on the horse business of the West. All breeds are important and well recognized. Many ranchers have done well with their horses. They have not only improved their own horses and those of their neighbors, but they have made a profit doing it.

Think of it! During these years, Arabians have taken an important place in the West and the association that once had only 700 horses in its records now has over 5,000. Quarter Horses were not even known as such, though they were called Short Horses, Steeldusts and the like. Now the American Quarter Horse Assn., not then founded, has some 36,000 horses on its records. Two associations are now registering Palominos. Tennessee Walking Horses were not a recognized breed. American Saddle Horses were in their “heyday” and Morgans were beginning to draw much attention.

Yes, today there is more appreciation for good registered horses and that has done much to establish greater demand.

-DRIMYCIL-

has come to the WEST

AUGUSTA, Mich., Feb. 5—The Knappen Company of Augusta, Michigan, has announced that the Anchor Serum Company of California, at Fresno, has been appointed as distributor for their well-known product, Drimycil.

Drimycil is an entirely new feed supplement based on combining antibiotics and Vitamin B-12. This combination is one of the most discussed beneficial subjects in animal nutrition today. The results in the direction of growth, weight, health, and vigor, have been remarkable. Drimycil combines extracted Penicillium Meal (an Antibiotic) with Vitamin B-12 in a new and successful principle.

Drimycil, with its coconut taste, is a feed supplement relished by horses of all ages and description—stallions, broodmares, foals, horses in heavy work and training.

Price—50 lb. drum, $50—9 lb. drum, $10

-DRIMYCIL-

ANOTHER KNAPPEN PRODUCT

May be obtained at your Dealers or write the Distributor Nearest You

• BLUE GRASS DRUG CO.
  1091 W. High St.
  Lexington, Ky.

• DRAMSALES
  1883 Concord Pike
  Wilmington, Del.

• KNAPPEN CO.
  Augusta, Mich.

• ANCHOR SERUM CO. OF CALIF.
  428 P St., Fresno, Calif.
Horse of the Month

POCO TIVIO

Owned by Don and Barbara Dodge
North Sacramento, Calif.
Stallion Management

By LOUIS TAYLOR

This is the season for talk about the care of the stallion. Heaven help the unfortunate stallion that belongs to the man who neglects his stud horse nine months in the year and then when breeding season is at hand suddenly begins to exercise him and give him various nostrums advocated as conducive to virility, potency and fertility. Certainly, exercise and veterinary prescriptions have a very definite place in the care of stallions or any other livestock, as we shall presently consider; but their improper use can be costly.

The first diligent application of common sense to stallion keeping is in order before an owner allows his colt to remain entire past his first May after weaning (the limiting phrase is inserted for the sake of those foals arriving before May). Of course, if the incipient stallion keeping involves the purchase of a stallion, the application of common sense must be made before purchase.

Frequently a novice owner becomes very fond of a colt and says, “Guess I’ll wait and see what he turns out to be before I have him altered.” The best advice to give such an owner is, “Don’t.”

Here and there one sees a gelding that was castrated after maturity making a satisfactory mount or show animal, but such exceptions do not invalidate the rule that the stag is almost as much of a nuisance as a stallion. Castration of a mature animal is a major operation, according to some authorities. Certainly it is a shock attended with much more danger than is the castration of a colt.

More Bothers. For some people, your correspondent included, the temperament of the stallion makes him a much more enjoyable mount than either a mare or gelding. They accept the added expense and bother deliberately. In rare instances the stallion of such an owner is so well mannered that the bother is almost negligible, as it was with Harrison Bourbon, whose owner found him invaluable in keeping the night herd together during pack trips. But, generally speaking, the keeping of the stallion involves expense; and unless he is capable of winning a great deal in open competition so that he can bring fame as well as conformation and ability to his get, he will not pay his way, nor can he be readily sold.

In 1939 Col. John F. Wall wrote, “Nearly all registered stallions are considered sufficiently well bred for ordinary use.” But what the Colonel had in mind by “ordinary use,” if I interpret him correctly, no longer exists.

One of the wisest stockmen of my acquaintance frequently advised the young, “Before you buy or raise an animal, be sure you have a proper place to keep it.”

Stable Facilities. For the owner of a good range and a band of mares, the proper place to keep a stallion is at hand. For all others it must be created. Certainly no owner of a large establishment would make any considerable investment without adequate advice from a competent veterinarian and an architect so that the comfort and health of all animals will be provided for. Such remarks on quarters for a stallion as are included here are thus directed to the owner of one stallion.

Sanitation, comfort, exercise, safety from worry by human or equine estrays and fast, and perhaps most important, closeness and convenience to the owner are among the prime considerations when planning quarters for the stallion.

The disposition of the stallion is certainly important to any owner. Solitary confinement is not conducive to a good disposition. If your stable is so located and constructed that you find it easy and even necessary to walk into your stallion’s stall or corral, you may give him more attention than just a toss of feed a couple of times a day.

My own stallion has his quarters within 200 feet of mine. Consequently, on those days when I do not have time to ride, I drop out and pass the time of day with “the gentleman out back.” This is not ideal. Both the horse and I would be better off if I spent more time with him and more on his back, but if his quarters were less convenient for me to enter, I would probably not do even as well as I do, and I would have a soured, unruly animal.

No Pampering. By all this I do not mean, let me hasten to add, that a stallion needs petting. No stallion I have known tolerates condescension. Don’t
pet your horse one minute and sock him the next because he bites. Stallions need, like humans, a sure affection that goes much deeper than mere petting and showing off to friends. They, like children, need well defined limitations of conduct—lines drawn without abuse. Give your stallion the respect and friendship that are his due. Remember, he may be your superior in several ways. He always keeps his bargains. Be sure that you keep yours.

Safety from worry by stray animals and people is important. My own stallion’s quarters are inside my own rather large door yard. His paddock is separated by 10 feet from that of either of the other two horses with which he is ridden frequently, and which cause him no excitement. Though one of these is a mare, the stallion is well enough adjusted to the arrangement that even when the mare is in heat there is no commotion.

Limitations of space and pocketbook will usually keep any stallion paddock small enough, but it is unwise to plan to keep a stallion without at least a small paddock adjoining his stall.

Climatic Factors. Climate determines the nature of requirements for comfort. Living in the Salt River valley of Arizona, my horses live under a link chain fence six feet high. In winter I depend on blankets for protection against cold. A better arrangement would include some means of enclosing the stalls in our colder windy periods, but the extreme diurnal variation of temperature would make a daily change necessary. It is much better to have the open stalls with shade in the daytime and blankets at night than to have tight stalls all the time. Dry level floors are a problem in some localities, a problem that must be solved if the horse is to do well.

Sanitation demands provision for regular cleaning of stalls. In my own locality it also might include the important matter of providing against swallowing of dust with feed, especially hay. Contous metal mangers or cross bars to prevent throwing hay and onto the floors are satisfactory. Automatic drinking cups are a must. They should be kept clean. Water pressure is not available, a horse kept clean and full may suffice.

The Bible has the only rule that safely be given as a universal rule of feeding of any kind of livestock. Only the eye of the master fattenneth his cattle. If, like your correspondent, you are your horse for riding throughout a year as your own mount, you will be able to tell at all times whether his nutrition is sufficient.

Requirements Differ. No two horses take exactly the same feed to get the same result. And the same horse in different surroundings and handling will take different feed. However, here is one of the simplest programs for feed and exercise given in one of the best books ever written on care.

From Nov. 1 to March 31 with about eight miles of slow work under saddle daily. Schedule of feed—3 lb. crushed oats, 1 lb. bran in morning; 4 lb. oats, 1 lb. bran at noon; 4 lb. oats, 1 lb. bran, 4 oz. flax seed, 2 lb. bran with shavings for night feed. Abundance of good hay and constant supply of clean water not ice cold. Daily access to paddock.

April, May and June—give mash only twice a week; total feed of grain

**California-breds Pay off on the track now**

**WHEN THEY WIN**

**BREED TO THE PROVEN SIRE**

**Ed. Echols**

**P-4120 AQHA**

**He Sires Winners!**

With the $25,000 California-bred futurity for Quarter Horses planned for 1953, you have an opportunity to make your investment pay off. Breed to the sire of winners like Kim Echols, Ed. Heller, Little Smoke Echols, Hula Girl, Parker’s Trouble, Dandy Z., Fence Rider and others.

**FEE $2.50**

**WITH RETURN**

Now Booking

1953 Season

**SENCE RANCH**

**RANCH ADDRESS**

Ventura County

SOMIS, CALIF.

**MAIL ADDRESS:**

146 N. San Fernando Rd.

BURBANK, CALIF.

Phone: Charleston 8-5166

**ALSO BREEDERS OF CHAROLLAISE & CHARBRAY CATTLE**

**FOR SALE—2 FUTURITY ELIGIBLES**

We have two exceptional two-year-olds entered in the $25,000 California-bred futurity and the $15,000 open futurity at Pomona. Come see them. Now in training at Circle J Ranch under handling of Ivon Frey.
*LEO* was leading sire of 2-year-olds in 1952 that qualified for the AQHA Register of Merit. He is regarded as one of the great speed sires of all time and highly consistent in siring all-round top Quarter Horses.

**Leo**

*LEO* was leading sire of 2-year-olds in 1952 that qualified for the AQHA Register of Merit. He is regarded as one of the great speed sires of all time and highly consistent in siring all-round top Quarter Horses.

**LEMAC P-30,202**

We have chosen LEMAC as our senior sire at the ranch because he comes from the blue blood of the Quarter Horse breed and has established his reputation in the show ring as junior champion of the PCQHA Fall Show, 1951, and was winner of his class as a yearling at Fort Worth and Oklahoma, 1950. He will be crossed with such prominent mares in our band as Sharon Clabber, Sue Reed, Pretty Melody, Tizours (TB) and others of like calibre.

Remember that LEMAC can well be bred to daughters of Joe Reed II to develop a line breeding program similar to that plan used by the King Ranch.
ZITEZ
AHC 4977
Featured on the cover of this month's issue

Consistent Champion Arabian

Sired by a champion and a champion in his own right! His sire is WITEZ II, Grand Champion Arabian of the 1951 All Arabian Show at Pomona. His dam, RAKHMAH, is a granddaughter of Gulostra. ZITEZ already has a brilliant show record. In 1950 he was champion at Riverside County Fair and Imperial and won his class and futurity at the All Arab Show, Pomona. In 1951 he was shown 3 times and won 2 firsts and a reserve championship. Last year he was champion at both the All Arabian Show, Portland, and at San Diego and was reserve Pacific Coast Champion at the San Francisco Cow Palace. ZITEZ looks like a champion! He is a dazzling chestnut with flaxen mane and tail; stands 15 hands high and weighs about 1,000 pounds.

NOW AT STUD
Book your mares early as his book is filling rapidly. Excellent boarding facilities for mares.
WRITE TODAY FOR INFORMATION
R. S. McMURPHEY
Phone NORMANDY 5511. Res. 4073 Garden Ave., Los Angeles 39, Calif.

HOT TODY
AQA 17,245
AT STUD
A strong, useful Quarter Horse.

He is a beautifully turned, masculine horse, attractive chestnut color with flaxen mane and tail and white points. He has speed and cow sense and rides so, for he is by Red Hot by Gold Dust Shoemaker and out of Tico Tico by Nick II. Come see him.

His blood for sale!

We are offering for sale 3 coming yearlings, 4 coming 2-year-olds, 1 a stallion, all sired by Hot Tody. The latter is out of a Topper mare.

If you want good Barney Owens mares, come see us, we have 3 for sale, all in foal to Hot Tody.

CECIL & G. E. FEAVER
Route 6, Box 686 Phone Visalia 20081
VISALIA, CALIFORNIA

daily 12 to 14 lb. crushed oats. Exercise about 10 slow miles under saddle daily but do not turn in paddock during breeding season.

July, August and September we light exercise under saddle first two weeks in July; then until November horse takes voluntary exercise in paddock—eight lb. oats, hay and fresh cut green grass.

Adequate Exercise. This schedule will not exactly fill the needs of any one horse, but it is a safe guide. Certainly, the practice of holding the stallion out to graze for as long a time daily as the owner can spare it an excellent practice at any season.

While it was necessary to mention exercise in connection with feeding, there are several practices in exercising the stallion that merit special attention. Those of us fortuitously located where the climate permits riding the year around should have little difficulty keeping a stallion from getting so hot that he sweats unduly, but this very climate presents another problem that we frequently overlook, sometimes a considerable cost. The cool nights of winter promote hair growth, and the warm days induce sweat with little exercise. Those of us who like to ride late in the day, but when the sun is still warm, need to be cautious about bringing a stallion in with a wet coat that will not dry before chilling him.

While every experienced horseman knows that in all situations except those in which breeding is involved the stallion is less excitable than a mare or gelding in the heat of the day, we are apt to be easily him.

Horse of the Month
(See Page 132)

An excellent example of a working Quarter Horse that has a value to the ranch and show arena of the West is Poco Tivio AQA 17,396, owned by Don and Barbara Dodge of Barbara Worth Stables, North Sacramento, Calif. This 6-year-old bay stallion son of Poco Bueno by King is out of Sheilwin by Pretty Boy.

He was bred by Three D Stock Farm, Arlington, Texas, and has proved an outstanding model horse. He was named champion of the Pacific Coast Quarter Horse Assn. show at Santa Barbara in 1952 and was reserve champion at Denver National Western in 1952. He has won many other top show awards in halter classes.

This strongly built, heavily muscled horse has made his strongest bid for fame as a cutting horse and under handling of Don Dodge in 1952 he was reserve champion cutting horse of the Pacific Coast and stood high in national record during the year. One of his great abilities is his consistency in cutting horse competition—he is always doing a good job.

Among his first colts is Pepcy Tivio, sold last year, as a yearling for $2,150.
HIS COLTS FOR SALE

Grand Champion Arabian of the 1951 All Arabian Show at Pomona, Calif., *Witez II has proved himself an outstanding representative of the breed. As a sire, his most conspicuous colt to date is Zitez, champion at Portland All Arab Show in June and Horse of the Month. Another son of his Ghazitez won his class at Portland this year.

E. E. HURLBUTT, Owner
Ranch Phone: Superior 8-4704
Los Angeles Phone: Gladstone 2555
Ranch located 22 miles N.W. of Hollywood
on U.S. Highway 101
CALABASAS, CALIF.

CALARABIG

Quarter Horses

FOR SALE at the RANCH

• BROOD MARES
• BROKE GELDINGS

featuring the blood of RED DOG

You'll always find Norell horses among the top in working and halter classes. They are using horses...we use them.

Our bred mares are sired by such horses as PLAUDIT, RED DOG, DING BOB and are all in foal again.

Our colts are sired by LITTLE RED by RED DOG P-55 and THE OKIE by LITTLE MIKE.

Norell horses give you your money's worth. If you do not now own a Norell horse, it will pay you to investigate. We will sell one or a carload.

NORELL HEREFORDS & QUARTER HORSES

DEWEY NORELL

MARCH 1953
lions that got upward of 90 foals in a season, but the safe rule is to limit service to 25 or 30 mares. Careful ranchers give their stallions bands of not more than 20 mares when on range.

The critical service for any stallion is the first one. It usually determines whether he will be a mannerly, useful stallion or ill mannered, incorrigible and unfit to keep around. The first mare served should be one that has produced colts and is not nervous. Also the stallion owner should determine, either by the use of a teaser or by veterinary examination that she is ready to take the stallion.

Cleanliness of both mare and stallion is exceedingly important, but only external washing of the mare may be permitted prior to service. The mare’s tail should be bandaged, and breeding hobbles (hock hobbles, not ankle hobbles) should be used. If the hobbles have a pully rather than a ring, it should be oiled if noisy.

Without fanfare and excitement on the part of attendants but without undue delay the mare may be led into view and presented to the stallion. He should be bridled but with a bit that will not cause pain (choice of bit and use of chain depends on the individual stallion). He should not be unduly restrained when ready for service but should not rush. He should retire from the service by backing, not by twisting sideways. In this matter it is very helpful to have enough attendants if they are sensible, but this last “if” is a big one; and I would prefer handling the horse alone to being helped by inept aides.

Individuals Vary. Individual variation is too great to permit following of any rules rigidly, the foregoing not excepted. The stallion that is bound to rush cannot be restrained unduly without spoiling him. The stallion that walks on his hind legs must be handled with care, as it is easy to throw him over backwards. Attendants should not be permitted to talk, with the exception of such quiet conversation as is needed. Manual aid should be permitted only by experienced experts.

Very rarely a young stallion will faint upon completion of his first service, according to some authorities in the fall is not apt to injure him. Some stallions are prone to kick upon completion of service, though proper handling during the first few services will correct this. Washing of the stallion immediately after service is standard practice.

Probably the greatest difficulty confronting the stallion owner in breeding season is the dearth of competent help in this machine age.

Good Old Days. What nostalgia for the good old days that list produces! However, the wise stallion owner will be well acquainted with his stallion before the first service, will have the horse’s confidence and respect. We do not need as much help today when we have fewer horses and are more in rapport with them than were the commercial horsemen of earlier days.

It should be superfluous to add that before his first service, as well as at other times, the stallion should not be permitted to get too rank or too flabby from lack of exercise and from overfeeding. Another suggestion that may interest quite a few stallion owners is that the use of wheat germ oil is being found by many to be beneficial not only in the matter of increasing fertility but also in improving the general condition of all animals.

Veterinarians have progressed in knowledge of hormones and their usefulness, just as have medical doctors, and they have greatly increased knowledge of all matters pertaining to the breeding of horses; so one very important part of any successful breeding program, no matter how small, is consultation with a good veterinarian...

**AT STUD**

**Elliott Huidekoper**

**ARMSTRONG HOTEL**

**FORT COLLINS, COLORADO**

**KAID**

**AHC 1638**

**FOR SALE:** 1 Purebred in foal to KAID.

1 coming 2-yr.-old Purebred Filly by KAID.

**KAID’S STUD FEES**

- At 9/10 mile
- At 1/2 mile

**ALLA AMARWARD**

**AHC 1140**

**FOR SALE:** 1 Purebred in foal to KAID.

1 coming 2-yr.-old Purebred Filly by KAID.

**KAID’S STUD FEES**

- At 9/10 mile
- At 1/2 mile

**FOR SALE:** 1 Purebred in foal to KAID.

**KAID’S STUD FEES**

- At 9/10 mile
- At 1/2 mile

**FERNSEY**

**FOR SALE**

Brood Mares & Colts

H. H. REESE

ARABIAN HORSE RANCH

9/10 mile south of Pomona City Limits on So. Garey Ave.

Phone Lycoming 92103

POMONA, CALIF.

Home: 131 Lincoln Ave.

Phone Lycoming 93303

**SHOW WATCHERS—These Northwest ranchers are mighty interested in Quarter Horses and are busy watching working events at recent Quarter Horse Show at Pendleton. Left to right are Emil Muller, Holix, Guy Muller, Pendleton, and Irvin Mann. Adams, Ore.**

**Photo by H & H**

**WESTERN LIVESTOCK JOURNAL**
LLANO WOLF has Speed, Cow Sense & Disposition

HE'S FOR SALE AT THE RANCH

This outstanding Quarter Horse stallion was sired by ROAN WOLF P-2442. His dam was BONNIE ROSS P-7592. You'll like his looks and performance.

STANDING AT STUD

- SALTY CHIEF P-735, one of the few living grandsons of PETER McCue.
- PEPPY BUENO P-20,947, a son of the famous POCO BUENO P-3044.

$125 STUD FEES at time of service.

Also For Sale

One broke, proven rope horse, grandson of Dan Waggoner. A broke cutting horse, along with some registered Quarter mares. I am also offering some registered year-old Quarter stud and fill colts for sale. They have the best of breeding.

BUFFALO RANCH - OROVADA, NEV.
CLAUDE ELLISON, Owner. RANCH LOCATED 4 MILES NORTH OF WINNEMUCCA, NEV.

Quarter Horse Blood THAT STANDS OUT

GERONIMO JR. P-22,125

JOE TRAVELER P-1784

This great son of Little Joe by Traveler will be available to a limited number of mares only. We invite your inspection.

ACCOMMODATIONS FOR MARES

A champion show horse, a useful horse, he is now becoming one of the potent sires in the West. He is by Geronimo by Red Dog and out of an exceptional Tony mare. He will stand a short season only, so book your mares early, please.

A PCQHA champion working horse, he is one of the handiest horses we have ever had. He is all Quarter Horse and is bred to be one. Texas B. is his sire and Speedy Ann is his dam. He combines the blood of Ben Hur and Baby King.

N. G. Emerson's Rafter E Ranch Stockton, Calif.
Home Address: 1570 W. Walnut St. Phone Stockton 26505
Ranch Address: Route 1, Box 241
"Raise colts that someone else wants and you can afford to stay in the horse business."

THE REAL PAYOFF IS IN PERFORMANCE

Bras D'Or
P-2879
Fee $100
Standing at new
PERRY COTTON RANCH
Visalia, Calif.

Roan Hancock
P-456
Fee $150
Standing at
Rancho Jabali

Driftwood
P-2833
Fee $150

Katy and Channing Peake
RANCHO JABALI
LOMPOC, CALIF.

Perry Cotton
PERRY COTTON RANCH
Rt. 6, Box 399
Phone Visalia 46048
VISALIA, CALIF.
Encephalitis—
Public Health Service Tells
Contagious Disease Findings

By the Public Health Service
Communicable Disease Center, Greeley, Colo.

NOT one but a number of viruses are responsible for encephalitis, according to the Public Health Service which was recently transferred to Greeley, Colo. Horses and human beings have been victims of these viruses throughout much of this country in recent years, and the virus has been recovered 14 times from six species of birds at times when evidence of infections in other animals was at a minimum and no human or horse cases could be found. Infected birds have included pigeons, sparrows, magpies, cliff swallows, redwing blackbirds, and crows.

Encephalitis knows no boundaries. In 1938, 184,000 cases occurred throughout the globe. While only three different types of virus have been recognized in this country—Eastern, Western and St. Louis—other types occur elsewhere, as, for example, the Venezuela type in South America.

Incidence of the disease greatly diminished with vaccination of horses and with the great drop in their numbers. Mortality from equine encephalitis was about 41% in unvaccinated horses in 1950 and 60% in 1949. In 1941, in North Dakota and neighboring states, there were between 3,000 and 4,000 human cases, as well as many thousands of horse cases.

Beginning in the summer of 1952, in the Central Valley of California, a serious epidemic occurred in the human population. To date, more than 650 cases, mostly of the Western type, have been reported, with more than 40 deaths. Prompt efforts were made to control the epidemic by the California State Department of Public Health, assisted by the Public Health Service.

Haring, Howarth and Meyer revealed the cause of this horse disease that had baffled research workers and practicing veterinarians for at least 30 years. Meyer warned veterinarians of the dangers to man and urged that they "exercize every care in the handling of infected horses and thus prevent transmission to man." Other workers have since cleared up much of the unknown about this disease, but it still remains to be shown "how and where the virus manages to exist in non-epidemic years, when no human or horse cases of the disease can be found."—Reprinted from The North American Veterinary Magazine.

Stallion Sold

Ken Fratis, Lemoore, Calif., reports the sale of a 2-year-old stallion son of Chicaro Bill to Bill Gill, Madera, Calif. The horse was delivered the second week in January.
Breeding winners is the attempt of many breeders of Quarter Horses. This is Bardella, owned by Johnnie Mawson, Encino, Calif., winning the Pacific Coast Quarter Horse Running Futurity at the Los Angeles County Fair in 1952. She is a daughter of Three Bars, owned by Sidney Veil, Douglas, Ariz. Sire lines and records of produce develop patterns in raising successful racing Quarter Horses.

**The American Quarter Horse Assn's. speed grade of "AAA" became effective Jan. 1, 1952, and will become officially retroactive as soon as past races have been processed. The Racing Division of the AQHA recommended this additional speed grade for the record books for one reason: too many horses were running in "AA" time, and it was thought that another grade should be given to deserving horses running in the fastest possible times from 220 to 440 yards. Several years ago, when the old American Quarter Racing Assn, skippered by Mel Haskell, first laid out the grading and qualification standard of the running horse Register of Merit, no one had the remotest idea that in a few short years another grade would be added to what then seemed like short horse lightning—and for the sole reason that too many horses were running at the top of "AA." Double "A" time in those days was from :22.9 to :22.3. Now the triple "A" classification goes from :22.5 to :22.0, and By WILLARD H. PORTER

"AA" goes from :22.9 to :22.6. Thus it can be seen that, where once there was only one classification, there are now two classifications. Whereas there was once a terrific number of "AA" horses—and that grade was the best there was—there are now not quite so many. But the main point is that the few horses that get into the "AAA" classification overshadow the importance of "AA" and are really deserving of a great honor.

Efforts Rewarded. If we stop to consider why it was necessary to create another grade, we can't help but realize that the many fast Quarter Horses these days are the result of the splendid efforts put forward by a handful of men who have dedicated their work to the perpetuation and improvement of the short-distance running horse. To men starting out in the game, it was this group of breeders who, reviving the popularity and the individuality of the American Quarter Running Horse in the past 10 or 15 years, were of great inspiration and assistance.

I once heard somebody remark that Quarter Horse men who bred for speed would take their mares to a fat hog—if they thought it would increase their chances of winning on the track. This is a very unjust gibe, for the breeding that has been used mainly, even though experimental in many cases, has been sound breeding. In every case of a consistent winner on the straightaway tracks there will be found speed blood in the pedigree. This can be proved easily by taking a look at the performance records of the top sires of Register of Merit running horses compiled by the Racing Division of the AQHA. Some of these horses were not outstanding in the respect that they made great names for themselves on the tracks. But most of them at one time or another ran and ran fast, and there were a certain few instances of great achievement. It can be safely said, I believe, that each and
every one of these 11 sires were indeed
great individuals in their day and are
the ones that are living) still great to
to-day, because of their ability to beget
pure blood in their offspring.
Topping the List. Flying Bob (dead)
heads the list as of November, 1952,
for the sire having the most get in the
Register of Merit. He sired 37 Register
of Merit racers, of which 15 are graded
"AA."

Flying Bob, bred at Abbeville, La.,
was a beautiful bay horse that was
owned most of his life by Noah Zer-
ingue. He died in 1946 on the Huisache
Ranch of V. S. Randle, Sr., Richmond,
Texas, who owned the fleet bay at the
time of his death.

Once at New Iberia, La., some years
back, a nine-race matched meet was
held, and of the 18 horses finishing
first and second, all were sons and
daughters of Flying Bob.

His sire was the Thoroughbred, Chi-
ca, and Flying Bob’s mother was a
mare of Dedier breeding named Belle
Z., owned by Zeringue.

Joe Reed II is second on the list of
1952 sires. According to the records of
the AQA Racing Division, he has
sired 35 head of Register of Merit
qualifiers. Joe Reed II was sired by Joe
Blair by the Thoroughbred Joe Blair.

His dam was Nellene and he was
raised by J. W. House of Cameron,
Texas. His current owner is Bert
Wood of Tucson, Ariz.; he is standing
at the L Bar D Ranch at Westminster,
Calif.

Fulfills Promise. Joe Reed II lived
up to a great heritage of speed. He is,
of all Joe Reed’s get, the most like his
sire. In 1943, after having run the only
three races of his career, he was named
champion quarter miler for that year.

Third on the list of top sires is My
Texas Dandy who, oddly enough, is
the only individual of the entire lot
who never won an important race. As
a matter of fact he only won one small
race in his life, but he has a truly
amazing record as a sire of speed.

Of the 29 head of Register of Merit
runners that My Texas Dandy has
sired some others are Texas Jr, Hot
Shot, Battle Creek, Nancy Hance, It-

Joe Reed II, owned by Bert Wood, Tucson.

Mr. and Mrs. J. E. C. Converse, Owners.
SANTA PAULA, CALIFORNIA.

Lingdooley Diamond Peavine

One of the most popular sons of Banana Peavine
out of the great matriarch, Golden Gal Peavine.
He will stand to approved mares. Fee of $50 at
time of service.

Breed to proven blood
to raise quality colts.

SYKES II AQHA 3148
FOX COLORADO AQHA 3416

These two outstanding Quarter Horse stall-
ions are examples of why RO Quarter
Horses lead in rodeo, ranch and show work
year after year.

CUTTING HORSE PROSPECTS FOR YOU

If you are in the market for a top-notch cutting horse
prospect, here is the place to find one.

George Wiswall, Mgr.,
GREENE CATTLE CO., INC.
56 27th St.
Phone 2212-J
MERCED, CALIFORNIA
Are You looking for a riding horse you can enjoy?

RIDE A MORGAN

THERE IS A DIFFERENCE YOU KNOW

Yes, there is a difference you will appreciate when you throw your leg over a well trained Morgan horse. They have easy gaits, a springy motion and an alertness that are a pleasure in a riding horse. They have "horse sense" and enjoy doing their job. They have always been an important horse to America for utility and pleasure and they are nonetheless important today. On the trail, in parades, in the mountains, working cattle or in the show ring, Morgans fit their jobs well and learn easily.

Subscribe to the new MORGAN HORSE MAGAZINE

now published monthly at $3.50 per year
Profusely Illustrated
Contains many interesting articles

102 Water Street
LEOMINSTER, MASSACHUSETTS

The MORGAN Horse Club, Inc.
90 Broad St., New York, N.Y.

Lee Riders
PREFERRED BY TOP STOCKMEN

L. E. Mathers, Jr., of Mathers Bros., Mason City, Iowa, wearing Lee Riders (cowboy pants and jacket) showing the Senior and Grand Champion Short Horn Bull of the American Royal Livestock Show in Kansas City.

LEE RIDERS... AT LEADING STORES COAST-TO-COAST

Sanforized

THE H. D. LEE COMPANY

SALESMEN—George Swinebread led, was auctioneer for the winter sale of Thoroughbred horses held by the California Thoroughbred Breeders Assn. at Pomona, Calif., Jan. 12 and 13. Humphrey Finney, president of Fontaine Tipton Co. of New York, read pedigrees. Sale was managed by the Eastern auction company. Two hundred twenty-five horses went through the ring in four sessions for an average of $1,754 with a top price of $24,500 on the racing mare Fond Embrace, purchased by Mrs. John W. Hanes, Millbrook, N.Y., from the French Stable of Los Angeles. Photo by H. S. Wood.
Raising Quarter Horses?

THEN BRING OUT THE BEST IN THEM, BREED TO

Lew Silverstone
P-21,068

By Silverstone P-190
out of Betty Lou P-4888

At Stud

An impressive Show record bears out our claim. He shows lots of promise as a performance horse.

FRANCIS MUNNS

210 Marcus St. Phone 2653-M
WALLA WALLA, WASHINGTON

for Coughs DUE TO Colds

- World-famous horsemen have trusted coughs due to colds with SPOHN'S COMPOUND for fifty years. A stimulating expectorant, it acts on mucous membranes of throat and bronchial tubes to make breathing easier and hasten relief. Sold at drug stores and saddlery houses—75¢ and $1.50.

Free Trial Size Bottle on Request.

SPOHN MEDICAL CO.
Box 7, Goshen, Ind.

THE CALF ROPING HORSE

BILLY BAILEY
AQHA 3643

A proven working son of Tony Waggoner AQHA 1277. He has speed, handy ness, and he puts that ability in his colts who have looks, sense and speed. Stud Fee $50 to approved mares. Return for season. Ample accommodations for mares.

LOUIS COELHO
P. O. BOX 525 — PHONE 893
NEWMAN • CALIFORNIA

We, ourselves, settle insurance claims on horses and cattle

on policies written by us, and thereby avoid possible delay and misunderstanding.

Obtain your Mortality Insurance through your local Insurance Broker, Hartford Agent, or communicate with R. A. ROWAN & CO.
Established 1904
Calif. General Agents Hartford Livestock Insurance Co.
Also direct contact with Lloyd’s of London
200 Rowan Bldg., 5th and Spring Sts., Los Angeles 13, Trinity 0121
Newhall Bldg., 760 California St., San Francisco. EXbrook 2-3895

Page 145
A HORSE can go anywhere a man can go—and get there a lot faster," according to an old cavalry expression.

There's one place no horse, or horseman, has been going recently. Either would be about as welcome at the Pentagon as a cow on the front porch.

There has been no arm of the service known as cavalry since the passage of the 1950 Army Organization Act. Two mule pack companies are at Camp Carson, Colo., and a few surviving horses of considerable age are used for occasional mounted guard and ceremonial purposes. But neither mounted cavalry nor cavalry officer training is included anywhere in our present army organization.

Today the nation's only military officer training in care and selection of horses and mules is at the U. S. Marine Corps schools at Quantico, Va. The Corps has never had an official cavalry, but its "Horse Marines" have made some spectacular history during the past 116 years. For their training program they have only 31 horses, none younger than 14, and a few colts.

Animal Transport. "The thesis of our instruction in animal transport has been that whenever conventional transportation cannot be employed, it is better to have an animal carry the supplies than a Marine," Lt. Gen. C. B. Gates, commandant of the schools, recently told me.

A lot of ex-cavalrymen and others are getting together in an attempt to restore the cavalry before they die and their knowledge and experience are lost. Their objective is fairly modest, and is covered by HR 5156 proposed by Pennsylvania Congressman Daniel J. Flood.

It is to re-establish a branch of cavalry made up of one division (approximately 15,000 horses and 2,000 mules), 10 selected ROTC units made up of 100 horses each, 10 selected National Guard units with 1,000 horses (some to be used for pack), 100 companies with 10,000 mules for pack trains, and a revival of cavalry officer training at West Point with a unit of 250 horses and 5 pack mule companies.

Those seeking the re-establishment of the cavalry branch (they want it put right back in the army organization immediately following the artillery branch) sincerely hope that there will never be any need to use this or any other military arm. But they point out that should the occasion arise—military operations, for instance, in roadless mountainous Asia or Russia—we'd really be caught short. Unlike many military items you can't just "tool up" and produce overnight trained cavalry horses and men to handle them.

Unorganized Effort. Those active in the effort to restore mounted cavalry are a diverse group. They aren't what you'd call organized in any sense of the word. They don't even have a name. They dig down in their own pockets to get and distribute facts, and pay...
Running Quarter Horses—AT AUCTION
Sunday, April 19, 1 P.M.
VESSELS RANCH, LOS ALAMITOS, CALIF.
20 Picked Horses

Futurity Eligibles
Here is the breeding on a few of the colts to be sold, entered in $25,000 Calbred Stake at Bay Meadows.

One by Clabber II out of a daughter of Do Good.
One by Joe Barrett out of a Joe Reed mare.
One by Joe Reed II out of a Clabber mare.
One by Catechu out of a Catechu mare.
One by War Bom (TB) out of a Clabber mare.

Broodmares, Youngsters
These are some of the broodmares we will sell; check their breeding.

Claberry by Clabber.
Malnutrition by Clabber.
Molly F. by Parker’s Dun.
Janie F. by Parker’s Oklahoma Star.
Red Jet Pilot by Joe Reed.
Helen Reed by Joe Reed.
These are some of the sires of the young prospects we will offer. Ed. Erhols, Clabber, Red Lightning, Clabber II. We will also sell a daughter of Big Joe out of Do Good.

During Quarter Horse Race Meet

Los Alamitos Race Course
APRIL 18—MAY 9
Daily except Sunday and Monday—VESSELS RANCH, LOS ALAMITOS, CALIF.

Western home of
DAN WAGGONER BLOOD

Wilson’s Dandy is an outstanding son of Wilson’s Smokey Joe by a Dan Waggoner out of a Dan Waggoner mare. He is a working horse that is all Quarter Horse.

We recently purchased several foundation mares at Vernon, Texas, from Mrs. Duard Wilson, of Dan Waggoner blood and some are bred to Wilson’s Kilroy. We invite you to come see them.

You Can’t Go Wrong With Waggoner Breeding

WILSON’S DANDY
A good working horse
At Stud 1953 with a fine disposition

NUNES BROS.
Ed. J. Nunes
746 Clovis Ave.
Phone Clovis 145
CLOVIS, CALIF.

Angel D. Nunes
4132 Behymer Ave.
Phone Clovis 510-4
CLOVIS, CALIF.
"Give a man a horse he can ride"

**Give him a Quarter Horse!**

Yes, it's true, in the Western country horsemens want a Quarter Horse. This is the only breed that through training can develop as many aptitudes for a horseman. If you want a good finished horse, pick the horse with brains and the Quarter Horse has brains. His development in the Cow country has been around cattle and he understands their "savvy," he knows what they are going to do and can figure it out before they make the move.

A Quarter Horse can take it, he has the stamina, the heart and the conformation to make him superior as a ranch horse, a rodeo horse and a superior race horse.

The Quarter Horse can "take it," he has been "taking it" for the past hundred years as a ranch horse and he will continue to be able to "take it" because he is built for the job, he knows what it's like in all ranch situations and he can get the job done.

Proof of the popularity of this breed is shown in the registration figures of the Association which show that over 36,000 horses are now registered in the American Quarter Horse Association. People raise Quarter Horses because they are useful, salable and practical for any kind of job you want to put them in and speed and dependability are of primary importance.

**A Quarter Horse does things**

When we say a Quarter Horse does things, we mean he gets the job done. He can be developed into a fast working, quick turning cutting horse that has no superior and he can be easily trained as a top calf roping horse. Why? Because, the Quarter Horse has a tremendous burst of speed developed from powerful conformation and along with muscle structure has the bone and substance to make him capable of stopping a calf or a big steer. In rough country, Quarter Horses can go day in and day out and are doing it on many of the leading ranches through the United States.

On the race track, Quarter Horses are reaching a new and even now untapped popularity. We say untapped, because Quarter Horse racing is growing by leaps and bounds and each year finds more days of racing through many of the Western states and more people interested in developing race horses and race meetings for Quarter Horses.

This means a greater market than ever before and more advantage to your investment in Quarter Horses. They can be raised in any kind of country, don't need pampering. When you raise Quarter Horses you are raising ranch working horses, show cutting horses, rodeo and ranch roping horses and the speedsters on the track all in one breed.

That is important when you make an investment in the horse business, for they will serve you on the ranch and be a sound investment economically.

**You are Invited TO THE ANNUAL MEETING**

Whether you are an old member or a new member, you are invited to attend and participate in the annual meeting of the American Quarter Horse Association to be held in Tucson, Arizona, March 26-29. Convention headquarters will be the Santa Rita Hotel. You will also enjoy the horse show in connection with it along with important races.

If you are a prospective member and want to join, we invite you to come to Tucson, join and participate in the development of the horses of the Quarter Horse and meet all those who are helping to make Quarter Horses more valuable and popular.

**THE AMERICAN QUARTER HORSE ASSOCIATION**

P.O. Box 2290
2736 West 10th Avenue
AMARILLO, TEXAS

*Western Livestock Journal*
QUICK SAND
P-8270

QUICK SAND turns in a stellar performance in the study ring, in the rodeo arena and in the stud. He was Grand Champion Stallion, 1951 fall PCQHA; Reserve Champion, 1950. By Pop Corn by Red Dog out of Ruby Wear by Tony. When you breed to Quick Sand you get a colt of top conformation and noble bloodlines with all the desirable Quarter Horse characteristics. Write for details today.

CIRCLE W RANCH
HEARST ROAD
WILLITS, CALIFORNIA
12 miles East of Willits • MARY D. FOLSOM, Owner • Phone 4430

COW & CUTTING HORSE SIRES

SELGIGMAN RED
AQHA 3699
$100 — Season Return
Top proven reined & cow horse sire. Sire of ANDY RO, one of the top cutting horses of the nation. I have ridden and shown many of his colts. They were outstanding cow and cutting horses and went to the top in the show ring. If you want outstanding cow and cutting horses, breed to SELIGMAN RED.

BUCKSKIN BUG
AQHA 13,581
$50 — Season Return
Bug is a good cutting and rope horse with a gentle disposition. His colts are good looking and top prospects.

Gregory Lougher Training Stables
PHONE Napa 4-2592. 1152—4th AVE., NAPA, CALIF.

their own expenses for get-togethers, usually in Washington, D.C., to discuss progress.

Ex-cavalrymen are the group's prime movers. Maj. Gen. John K. Herr among them. He retired in 1942 as our last Chief of Cavalry. Col. John F. Wall of South Carolina, retired former chief of army remount and one of the world's outstanding authorities on horse breeding, has helped spearhead the movement. Gen. Jonathan M. (Skinny) Wainwright, the last senior American officer to command mounted cavalry in action against armed enemy, is also outspoken about the urgent need for maintaining a cavalry branch.

"My idea is that we should have as a minimum a full strength cavalry division of four strong regiments, a regiment of horse cavalry equipped with a 75 mm. pack howitzer which may be drawn by horses or, in mountainous country such as Korea, transported in five loads on pack mules," Gen. Wainwright told me recently. "There should, of course, also be a battalion of engineers and the other necessary service troops. I have made a similar recommendation on several occasions, and will stick to it."

Staunch Backers. Others supporting the movement include historians—students of military history in particular. Old campaigners from other branches of the service, as well as cavalrymen who fought in World War II without mounted units when they needed them, lend their support. Among these is Lt. Gen. Lucian K. Truscott, commander of the 3rd division during Operation Husky, the invasion of Italy.

"I am of the opinion," Gen. Truscott says, "that a well trained regiment of American cavalry been available to me when the 3rd division began its
TO IMPROVE YOUR STOCK
Breed to a Winner

FURNUR
4128

PUREBRED ARABIAN STALLION

His blood has been kept pure for hundreds of years. It's your insurance for stamina, conformation, disposition and intelligence.

Young, Broke Geldings For Sale

JONES ARABIAN RANCH
903 E. MORTON ST.
PORTERVILLE, CALIF.

Who is one of the Truly Great QUARTER HORSE SIRES?

TOPPER
P-914 AQHA
A PROVEN SIRE

He is the sire of Toppy K., Grand Champion three times at the Pacific Coast Quarter Horse Shows — a record that speaks for itself.

Topper ranks among the top five sires of Grand Champions. He has sired colts of AA speed and his get have topped the sales time and again. He is sired by Billy Byrne, out of Lady Browning and prominent in his ancestry are the blood of Harmon Baker and Peter McCue. With this blood line nothing more is needed to prove you will get top colts.

NOW BOOKING FOR 1953
VISITORS WELCOME

Mr. & Mrs. Henry Cook
Phone 2759
Box 424
SUTHERLIN, OREGON
Turn at Post Office off 99, Top of Hill

advocates that the battle of Cassino would never have taken place, Anzio would have been unnecessary and the Italian campaign might have terminated months before it actually did.

Gen. Truscott, who improvised mounted organizations and pack trains in Italy, is one of many officers who have gone on record with vehement statements about the need for cavalry during this campaign.

Stockmen, horse and mule breeders and horse enthusiasts generally are behind the movement to restore our cavalry. So are many writers of "Western" fiction such as Nelson Nye.

Military History. Rep. Flood says his interest in horse cavalry started when he began to study military history, perhaps influenced because he had a grand-uncle in the Pennsylvania cavalry with General Custer at Gettysburg.

"I became thoroughly convinced of the modern need for the horse cavalry," he told me, "after talking with Korean veterans."

The voices from Korean foxholes, reporting on the effectiveness of Chinese cavalry that was all over us before we knew what had happened, dismounted and almost wiped out the 9th Infantry Regiment," as well as the usefulness of oxen and pack horses in moving up Chinese equipment over terrain where wheels are useless, have influenced a good many others. Many who were previously convinced the horse was as out-of-date, militarily speaking, as body armor, now feel differently. They point out that even body armor has recently proved it is still useful. It is effective in Korea as defense against small arms fire.

The chairman of the group trying to re-institute the cavalry is Edwin B. Ogden, Jr., of Greenfield Plantation at Natchez, Miss. There are many Southerners actively supporting re-institution of the cavalry.

Changed Tactics. This probably
should be expected, since Rebel officers such as Morgan, Stuart and Forrest revolutionized the use of cavalry. The outstanding U. S. contribution to military science, according to students of military history, was use of Confederate cavalry as mounted riflemen who fought dismounted, instead of as a bunch of horsemen charging with upraised sabers trying to frighten an enemy to death.

"The role of horsemen in the American Civil War is closely studied in Soviet military academies," the Russian cavalry expert, Kruikov, said in a 1942 Moscow interview. "We'll be glad to share with our allies our experience in adapting cavalry to modern war."

There were a million horses and mules in the Russian army at the outbreak of World War II. The part this cavalry played in the battle of Stalingrad and in the German retreat was not given wide publicity during the war, but is well known to military experts. Conservative estimates put the present number of animals in the Russian army at two million, with half a million assigned to cavalry divisions.

**Germany Cavalry.** When World War II began, in every marching division in the German army all transportation—supply, fighting echelon or artillery—was drawn by animals, about 4,000 to a division. German reasons: 1) animals can draw vehicles as fast as men can march; 2) their use conserves industrial production; 3) motorized equipment and motor fuels are saved for purposes where these are most efficient and have no substitute.

At the start of World War II the U. S. cavalry, while limited largely to the 1st and 2nd divisions, was rated the finest in the world. We had about 30,000 men forming 21 regiments and 10 mechanized troops. Nine were National Guard regiments, 12 regular army. The two regular cavalry divisions and the 5th National Guard Brigade (two regiments) used 10 regiments.

A U. S. cavalry division was a self-contained fighting unit. At full strength it contained 7,413 horses, 6,080 used for riding and pack in the four regiments, the others for draft purposes and for riding by two horse artillery battalions. Other units were mechanized and motorized. These included one battalion of 155 howitzer artillery, an anti-tank squadron, a mechanized reconnaissance squadron of two bantam troops, a motorcycle troop and a light tank troop.

**Service Units.** All service units—engineers, signal, medical and quartermaster—were motorized. The QM squadron had two troops which could be transported by portee units. A horse squadron—555 horses—could be loaded in from five to seven minutes in portee units, unloaded in less. The portee unit was designed and developed by the U. S. cavalry, and consists of a trucktractor with semi-trailer which can transport eight horses with their feed,
Breed to a **CHAMPION** and **PROVEN SIRE**

**Merry Doughboy**
A CHOICE WALKING HORSE

1950
Pacific
Coast
Champion

Now retired to the stud, this great show horse son of Merry Boy—Rosallta is becoming more prominent each year as a proven sire of show winners. He has been top breeding sire in the California Walking Horse Futurity for the past two years. In 1951 one of his colts was champion weanling. In 1952 his colts won the yearling championships for fillies and colts. His only mature colt showing, has never been defeated in junior classes and last year won the junior division of the $5500 stake at the L. A. International Horse Show.

Buy or Train with Confidence

**RHOMAN STABLES**
Ray Rhoads, Mgr.-Trainer
POMONA, CALIF.
Los Angeles County Fairgrounds

---

**GLENS MORGAN**
MHR 9056
AT STUD 1953

9 years old; 15 hands high; weight 1050 lbs. Never defeated in the show ring since we have owned him.

HE IS OUR PREMIER STALLION!

We use our Morgans as ranch horses, rodeo and rope horses. They are ideal trail, passo and pleasure mounts as well. EXCELLENT FACILITIES FOR VISITING MAES, year round.

Also at stud — Quarter Horse

**SHORTY JOE BAILEY**—AQHA 6921
FEE, $50

Mr. and Mrs. C. C. Purdy
LORANE ROUTE, COTTAGE GROVE, ORE. PHONE 358-M

---

riders, arms and ammunition to a de
nation point which can be reached by
motorized vehicle.

"Why not give cavalry motors, p
Herr kept asking, when his branch was
disparaged because of its lack of effec
tivity in comparison with motor
roads. "It's just as easy to move horses on motor as on game, once you reach the point where you can't go, men and equipment, horses and mules can get through any thing but jungle better that men can get themselves and their equipment moved on foot."

Although the U. S. cavalry may not just about the top military records any branch in the 1941 war games immediately preceding Pearl Harbor, one unit saw active duty in World War II. This was the 26th cavalry covering the withdrawal of Gen. Wainright and his four Philippine army infantry divisions from Lingayen Gulf to Bataan 140 miles.

"Without it, Gen. Wainright says, "we don't want the withdrawal of my corp would have been successfully ac
完成.""

**Troops Dismount.** A National Guard cavalry regiment from Texas was sent to India, but there was little opportun
ity for service in this theater. In the fall of 1942 the 1st Cavalry Division was dismounted and started intense training for jungle fighting in the Pacific. Its 4,500 magnificently trained and carefully selected cavalry horses spent the war in corrals at Ft. Rile, Kan. The 2nd Cavalry Division was sent to North Africa in December 1943. Upon its arrival it was completely disbanded and its troops converted to service units.

"Here ended the history of the cavalry arm of the United States Army," Gen. T. K. Brown says. As commander of the 4th Cavalry Brigade at Camp Lockett, Calif., he held the last active cavalry review before its outfit went over to Africa.

Speaking of the best horse for a re
vitalized cavalry Gen. Brown, who now lives in Tucson, says, "While the Thoroughbred has always been my first love, I am convinced that Quarter Horse is the mount for a modern cavalry destined for rough work over rough terrain."

"Thank God for the Quarter Horse," Col. Wall once told me when he was inspecting Western horse breeding out
fits. "This is the only breed still being improved which could supply us with cavalry horses if we get the branch re-instated."

**Remount Service.** The remount ser
vice, once devoted to encouraging breed
ing of horses suitable for cavalry, has been discontinued. Now part of the QM, its only current activity is the procurement of horses and mules for the armies of other nations. Between Sept. 1, 1951, and June 30, 1952, the QM was authorized to purchase 3,500 riding horses and 2,200 pack mules, for instance, for the Turkish army.
Each stallion a star in his own right. All useful Quarter Horses with bloodlines of excellence in conformation, breeding, ability to do—on the track, rodeo arena, ranch work, riding.

LUCKY MARK AQHA 13,461 (above)
This excellent son of Big Shot P-860 by Mark is out of a Lucky Blanton P 1746 mare, second dam by Red Cloud. He is one of the most intensely bred Traveler stallions in California, with that important close-up Mark blood.

DR. JACK BARRETT P-13,687 AQHA (shown at right)
This chestnut stallion is a full brother to the great Joe Barrett, son of San Sloan P-1810 and Little Sue P-1811. A proven sire of high quality foals; truly representative of the best of the breed.

FOR SALE
MISS JO KELLY
A beautiful chestnut weanling filly sired by Kelly and out of Sally Jo by Bud Thomas P-855. She is 6 months old, appendix registered and an exceptionally attractive individual. Come see her, you will like her and the price is conservative.

REX McDaniel, Owner
8' Ox 52, San Luis Rey, Calif.
Phone: Oceanside 3050 or 7000

Stables Located
North Santa Fe Avenue
Vista, California
BIG
A Great Son
And a PROVEN SIRE

P-860 AQHA

SHOT
of a Great sire MARK
of "DOIN' " Horses

Sire: Mark P-4249
  Red Cloud
  Red Cloud
  Mark P-4249
  Lucky Mare

Birdie
Possum
Jenny
No Good
Birdie Hopkins
Red Cloud
Birdie
Lucky, by Red Cloud

Dam: Arizona May West
  P-859

Big Shot has made his way to
his important place in the Quarter
Horse world on his own ability as
a calf roping and steer stopping
horse. He is useful and horsemen want his colts because they
are useful.

BOOK A GOOD QUARTER MARE TO HIM
You'll see why his colts sell well.

MR. and MRS. JOHN J. POND • BOX 140 • SHANDON, CALIF.

Do You Have a Colt Like This?

HE'S A GRAND CHAMPION
sired by

J. B. KING
P-19,484

AT STUD 1953

One of the first AQHA Champions this
capable racing and showing Quarter Horse
is a son of Harmon Baker Star out of Lady
Coolidge, Grand Champion at Willcox, Ariz.,
his was reserve champion stallion at Phoenix,
Santa Barbara and Tucson. As a 2-year-old
he won his first race and was second to
Little Smoke in the Silver City, N. M.,
Futurity. He ran 350 yards in 17.4 that
year defeating M.T. Pockets and Little
Meow. Also won Roy Adams stake at
Tucson defeating Hula Girl, Wagon N.,
Miss Devine and Monita. Stud Fee $100.

JAY PARSONS
ST. DAVID, ARIZONA
Judging Horses—
Placing Show Entries Calls
For Experienced Observation

By C. E. HOWELL
University of California, Davis

LIVESTOCK JUDGING was one of the first subjects established in the curricula of the agricultural colleges. Many books and bulletins have been published on the subject, and articles have appeared in numerous magazines pertaining to the judging of cattle and horses.

Judging is selection, and it is both a science and an art. It is a science because it is necessary to have a thorough knowledge of the anatomy of the animal—the size and placement of all the bones and their relation to the muscle structure. The physiology or functioning of all the parts should be comprehended thoroughly. Judging even involves an understanding of physics or the strains and stresses that occur at the many joints throughout the body.

It is an art to be able to recognize when all parts of the animal’s body are the proper size and shape with relation to each other. There should be a symmetry and balance of all the parts.

Horse Judging. Most of the terms used in describing desirable characteristics of horses are actually inadequate. The literature is filled with expressions attempting to describe desirable qualities such as a wide, deep chest . . . a short back . . . a level rump . . . width between the eyes. When one tries to analyze such statements it then becomes a question of how wide is wide, how deep is deep, how short is short. Then one realizes it is the relation of one part to all the other parts of the animal that gives meaning to such expressions. A horse is wide between the eyes and has a broad forehead only as these features are related to the length of the head and the size of the horse.

Recently, I was giving a lecture to a group of people belonging to one of the county horsemen’s associations. A horse was led into the club house, and I was trying to get this idea of symmetry and balance across to my audience. I was struggling for a suitable example to illustrate the situation when I happened to notice two pictures hanging on the club house walls. One picture about 14 inches square was in a panel between the windows. Another picture about 3 feet square was in the adjoining panel. These panels between the windows were about 4 feet wide and 8 feet high. If one of these pictures was correct for the space it occupied, then the other one was in the wrong place.

In just such a manner the size of a horse’s head should blend in with the size of the horse, the width and depth of its body and present the appearance that it properly belongs to that particular horse. Long, over-sized ears, crooked legs, one foot different in size from the other or a drooping rump detract from the symmetry and balance of the animal in the same manner that lack of harmony in color, wilted flowers or grotesque shapes detract from a beautiful flower arrangement.

Accurate Selection. In attempting to develop competence as a judge of horses there are many things to be considered. However, I wish to emphasize two special features—learning to observe and using judgment to arrive at a sound conclusion.

Observation may be compared to getting the facts. Learn how to see things quickly and accurately. Get the facts based upon scientific analysis and not on assumptions. Be sure they are facts and not someone’s pet notions.

Be informed on what to look at and on what constitutes the correct standards. No amount of information will supply keen powers of observation to the experienced eye the least variation at once attracts attention.

In a large class it is often expedient to separate the most likely winners from the rest of the competitors. This procedure makes for more exactness and simplifies making the final decision.

I think that one more consideration is necessary in becoming proficient as a judge of horses. You must keep in constant training. As with any worthwhile endeavor, you must work at the job. You must study all phases of the horse industry and the show business and keep doing it all the time.

SELECT SALE OF ARABIANS
Conducted by Arabian Horse Association of So. California
Saturday, April 25, 1 P.M.
Los Angeles County Fairgrounds
POMONA CALIFORNIA

Held in conjunction with
All-Arab Spring Show — April 26

This important event for Arabian breeders and prospective buyers will be held the day before the annual All-Arab Spring Show at Kellogg Unit, Cal-Poly, Pomona, Calif.

Sale will consist of broodmares, yearlings, 2-year-olds, 3-year-olds and older horses for show, breeding and pleasure purposes. To insure high quality horses each will be sifted by qualified horsemen. This sale will offer the best the West offers from leading breeders and small breeders alike, as a breed promotion event to encourage new interest in Arabs. Catalogs will be available about April 1. Write for your copy today.

BILL SMALE
Western Livestock Journal
4511 Produce Plaza, Los Angeles 58
Phone: LOGan 83271
Breed to a Proven Sire!

CHIEF McCUE
P-752 AQHA

Grandson of Peter McCue

Sire: CHIEF AQHA 5

Peter McCue
Little Annie

Dam: GOLDEN WOLF AQHA 2005

A. D. Reed
Gallegos Quarter Mare

I WILL ALSO STAND:

SCAT CAT
Catechu P-133 Waneta of West Woodlawn
P-23,910 P-6159

Joe Reed P-3
Diamond Oakes P-744
Show Boy P-263
Miss Muffet P-557

HI SPEED
Balmy P-387 L. H. Lady B. P-5894
P-30,686

Maynard L. TB
Balmy Days P-2243
King P-234
Miss Alice P-9466

ALL STANDING THIS YEAR AT KENNEWICK, WASHINGTON
Write for particulars. Visitors welcome

GEORGE AUSTIN, JR.
P.O. BOX 634 PASCO, WASHINGTON

Ranch located 30 miles N.E. of Enterprise, Oregon
Red Dog, sired by Balleymooney and out of Cinnabar, produced many outstanding Quarter Horses because he was bred to be a breed improver. He was 19 years old last fall when killed by lightning while grazing on the Casement’s ranch at West Plains, Colo.

History-Maker-
The Casement’s Great Stallion Red Dog Leaves a Niche in Quarter Horse Annals

By CECIL HELLBUSCH

THE Jack Casement family has lost what it liked to call, “one of our best friends.” Red Dog, their Quarter Horse stallion, was killed by lightning last fall while grazing in a pasture on their ranch at West Plains, Colo. He was 19 years old and left behind him a real record as a Quarter Horse sire. Jack Casement likes to talk about the horse and review his lifetime with a special reference to the breeding and offspring of the horse. It seems that Jack feels a little better inside and after all, most of us seem to brighten up a little when we talk about our good friends.

Red Dog will leave a real niche in the Quarter Horse annals. He carries Quarter Horse history in his pedigree and he shares these honors with other sons of his famous sire, Balleymooney. He probably was somewhat ahead of his time in development and together with his sires and owners—Dan Casement and his son, Jack—he makes an interesting story to add to the files of the Quarter Horse breed.

Dan D. Casement, Manhattan, Kan., can rightfully be called the dean of Quarter Horse breeders in the West and can sit in celebrity row without contradiction. His father started ranching in western Colorado by establishing the Unaweep Ranch at Whitewater.

Early History. We must go back a few years before Red Dog to fully appreciate his breeding and abilities as a sire. Dan Casement bought Concho Colonel by Jim Ned from Billy Anson, Cristoval, Texas, in 1911 and at about the same time he bought some mares from Charles Walker, who lived south of Denver. These mares were running with a great horse called Senator, and a few of the mares were daughters of the horse. Senator was a great sire of polo ponies and of course at that time polo was very popular and good polo ponies were in strong demand. It was at about this time too that Casement bought some mares sired by a Quarter Horse, Little Steve. This horse was of the Printer strain of Quarter Horses and this strain was destined to have great influence on the breed. There was a mare in this Little Steve bunch called Little Judge. Little Judge was mated to Concho Colonel, a horse of straight Billy breeding, and Casement named the resultant foal Balleymooney.

Balleymooney was the second sire used by the Casements and he left
Now Available in California

75% of his get that have made more than 1 start have qualified for the REGISTER OF MERIT

TEXAS DANDY P-2112

Look at his winners:
LITTLE EGYPT • DANDY DUCHESS
DANDY GIRL • DANDY ANNIE
LITTLE ANNIE FINLEY

These are but a few of the outstanding colts by Texas Dandy. Little Egypt, many times GRAND CHAMPION is youngest AQHA CHAMPION. She holds 3 world records. Another AAA daughter is Dandy Duchess. Dandy Girl holds 250 yard record at Ruidoso. Dandy Annie holds a World's Record for 2-year-old fillies and Little Annie Finley is running in AA time.

BREED IN '53 FOR CALIFORNIA-BRED WINNERS

Owned by Finley Ranches
Gilbert, Ariz.

For Bookings Contact
J. RALPH BELL
617 Verde Vista, Phone Visalia 44408
VISALIA, CALIFORNIA
some great horses to improve the breed. He was mated to a mare they bought from Ed Springer of Cimarron, N. M., named Cinnabar. She was sired by Old Joe, a son of Harmon Baker. This mating produced Red Dog. It is easy to see why Red Dog produced so many outstanding Quarter Horses because he was bred to be a breed improver.

Enter Tom Fields. Jack and I were having a fine visit during the National Western in Denver last month about these horses when Tom Fields, Gunnison, Colo. Hereford breeder, walked by. Jack immediately bounced up and invited Tom to join us and help tell me about Red Dog. I wondered to myself, "What can Tom Fields tell me about Red Dog?" Well, I soon found out. Tom was the very man who broke out the horse and gave him his early training. He not only broke out this horse but handled eight other Case­ ment Quarter Horses including Billy Byrne, Frosty, Red Cloud and The Deuce. Imagine my surprise when I listened to Tom tell about it. I was also surprised to learn that Tom was a real old time bronco buster and horse trainer. He really is an ambidextrous fellow because he can also breed, fit and show Herefords with the best in the business.

Tom tells it this way: "It was back in 1935. I was driving from Kremmling to no telling where as I was on the move and looking for a job when I ran into Jack Casement. We started telling each other our troubles and before long, I was headed out to their Unaweep ranch to break out some horses. It was my first opportunity to work with good Quarter Horses so I was looking forward to the job with plenty of eagerness."

Smarest One. "That group of horses contained the most intelligent horses I ever handled and Red Dog was the smartest one in the group," Tom said in commenting on the disposition of Red Dog. "I really did enjoy working with those horses that winter and if I could find another such group today, I would go back to breaking horses," he added with a convincing smile.

Red Dog would weigh about 1,175 lb. when in good flesh and was red mahogany in color. He had little white on him and made a striking appearance in his younger years. He was a good dispositioned horse, as Tom mentioned, and because of this trait he was loved by all the Casement family. Xenia Casement, Jack's wife, ably expressed it after he was struck by lightning when she said, "He was the best friend the Casements ever had."

Red Dog has left a real imprint upon the foundation and development of the Quarter Horse in the West. He has done it by siring some very special and useful working Quarter Horses and by siring winners in the show ring at both the halter and performance classes as well as on the track. Jack mentioned many of his offspring that have found their way all over the West. There are too many to mention all of them but I think you will find it interesting to hear about a few.

Red Concho, sired by Red Dog and out of Molly McGee, has a long list of show winnings. Purchased by Roy Evans, Dodge City, Kan. Red Concho was recently sold again for $5,000.

Another Winner. Then there is

---

NOW THE BEST BUY IN THE HORSE TRAILER MARKET!

1953 Model Texas Special

"America's Finest"

THOROBRED

ALL-WEATHER PICK-UP TOP

☑ ECONOMICAL
☑ EASY LOADING
☑ LASTING QUALITY
☑ RIDING COMFORT

Built with Thorobred thoroughness, this 2-horse, tandem axle trailer has all the features for lasting value, easy riding, easy pulling. Notice full escape door. Also made in single axle 2-horse and 1-horse styles. Metal insulated with foam, single and double wood or aluminum ship-lapped lumber, radius rods on each axle, large windows are important features you will appreciate in these models. Available with vacuum or electric brakes.

Bank terms available on all products

BORG WELDING & MFG. CO.

FACTORY: OFFICE: Phone: Pleasant 3-8922
2100 W. 154th St., Gardena, Calif. 1047 W. Manchester, Los Angeles 44
Phone: 208-4622 LOS ANGELES, CALIFORNIA

MARCH 1953 Page 159
ARABIAN COLTS of TOP BLOODLINES FOR SALE

We have several excellent show and using Arabian prospects for sale now. They are sired by our outstanding stallion and carry championship breeding.

Our stellar stallion FADHEILAN, sired FADDUDA, reserve champion mare at the Portland All Arab Show. Joe Dodd’s Fadneeka that won 6 blues and 2 seconds in her 8 showings was also sired by him.

Come out to the ranch and see our royally bred colts.

FADHEILAN
AHC 2603
AT STUD

Harry Linden, Spokane, Wash.
WEST 323 EIGHTH AVENUE
Ranch 12 miles south of Spokane on Hwy. 195 near Spangle, Wash.

JUNIPER

AQHA 10,894

The Cowboy’s Horse of Today

Stud Fee
$50
Return

Dark Chestnut
Ht. 14.1
1150 lbs.

Sired by MIDNIGHT JR. and tracing to Ace and A. D. Reed. This horse has been used extensively for Ranch and Rodeo work in the Southwest and in California. He is very gentle and has an excellent disposition. His colts are outstanding.

AL WINN

Route 1, Box 481  •  Petaluma, Calif.  •  Phone 5-4963

Another prominent son of Red Dog in Geronimo, above, purchased by Mike Lewis, Henderson, Colo., for $20,000, highest price ever paid for a Quarter Horse stallion at auction.

Fanny Farmer, a full sister to Red Concho. She won the RMQHA Futurity at the Colorado State Fair and Jack has her in his brood mare band.

Cookie, by Red Dog out of a dam by Senator, was shown at the National Western twice. The first time she won the hackamore reining and the second year she won the bit reining class. This mare was really a working mare and many good horsemen thought she was the best working horse Jack produced, including Black Gnat. This opinion was expressed by Dell Owens and Dell should know.

This brings us to Black Gnat. This horse was by Sleepy Cat, a son of Red Dog. His dam was Natalie, the same mare that foaled Billy Byrne. Black Gnat was gelded and Jack trained him to make quite a record in performance. Jack won the reining class at the National Western several years ago and the horse also won permanent possession of the All Around Trophy given by the RMQHA by being declared the best all around horse in the performance classes three years in a row. This was some record.

Sleepy Cat was sold to Streeter Brothers, Clagay, Canada, where he sired many good cow working horses. They also were heavy winners in roping and cutting contests with the horse. He must be considered one of the real producing sons of Red Dog.

Another prominent son of Red Dog is Geronimo, now owned by A. R. “Mike” Levis, Henderson, Colo. This horse was purchased by Levis for $20,000, the highest price ever paid for a Quarter Horse stallion at auction. Among his other winnings, he was twice grand champion stallion of Pacific Coast Quarter Horse Assn. shows.

Bred to Win. Jack Casement has nine mares in his brood mare band and they all are daughters or granddaughters of Red Dog. They are a group of mares bred to produce both winners on the track and at the halter and they will produce the kind of Quarter Horses that are in demand on our cow ranches.
BROWN KING H.

AQHA 20,521

Excellent 5-year-old son of King P-234 out of Dorothy D. AQHA 5652. Shown in winning circle at Santa Rosa where he ran 350 yds. in 18.2 seconds beating such horses as Rusty Jiggs and Nickaboo.

PROVEN QUARTER RUNNING HORSE

FEE $300
to approved AA mares
Standing Feb. 15
to March 15

Get a California-bred Colt in the Winner's Circle by Breeding to...

BROWN KING H.

Johnny "Bardella" Mawson

OWNER

16050 Valley Vista
ENCINO, CALIF.
Phone YORK 2155 for information

Standing under supervision of Ivan Frey

CIRCLE J RANCH NEWHALL, CALIFORNIA

Breed to Speed Conformation and Disposition

His first foal is a beautiful filly foaled Jan. 3 by Miss Mobile. Call us and make arrangements to come see her, she will prove Brown King's value as a sire.
Now You Can breed your mare to...

POCO TIVIO
HORSE OF THE MONTH

Because of inquiries, we have decided to stand him to approved mares at our North Sacramento stables during 1953 season. Fee $200 with season return.

Poco Bueno P-3044
Sheilwin P-10,483

POCO TIVIO P-17,396
Pretty Boy P-2229
M. By Blackburn P-2228

A TOP CUTTING HORSE AND PROVEN SIRE

Reserve Pacific Coast Cutting champion for 1952, this illustrious Quarter Horse stallion has won his share of ribbons in the fastest cutting horse company in the country. He was also champion Quarter Horse stallion at the 1952 PCOMA show and was reserve at National Western 1952. His yearling son Pappy Tivio brought $2,150 at 3D Annual Sale 1952, to top prices for yearlings in the sale.

Barbara Worth Stables
Don and Barbara Dodge, Owners
3400 Del Paso Blvd. North Sacramento, California
Phone WAbash 5-5267

You’ll be able to buy Useful Quarter Horses

BAKERSFIELD SUNDAY, MAY 10 CALIFORNIA

Gordon Wheeler Ranch and B Bar D Ranch

QUARTER HORSE SALE

SHOW HORSES
BREEDING STOCK
WORKING HORSES
RUNNING HORSES

from two of the finest breeding programs in the West.

YES, THIS SALE IS PRIMARILY TO INTEREST YOU

Our horses will be down to earth, really useful ranch horses. We will offer some of the best brood mares in the West, bred to some of the great champions—proven sires. Many of the mares will have foals at side. The young prospects will have been handled, many ridden and ready for ranch use this spring.

Approximately 35 head will be sold from our breeding, show and working horses. Watch for more particulars next month. Catalogs available about April 10.

WRITE FOR YOUR CATALOG

Gordon Wheeler Ranch
B Bar D Ranch

9861 Galena St., RIVERSIDE, CALIF.
12560 Filmore St., SAN FERNANDO, CALIF.
**Cuttin’ Horses**

By LOUISE MONJOT

THIS being the slow season for shows, the horsemen are taking advantage of the extra time conducting novice jackpot contests for their cutting horses. Different judges are placing horses, some have judged a few shows and others have never judged before, but should have ridden cutting horses to qualify. Contests are being held at different ranches, others in conjunction with small shows, in fact wherever we can find someone kind enough to furnish cattle and an arena in which to work.

Sunday, Jan. 11, a jackpot novice contest was held at Bill Smith’s in Exeter, Calif. Due to bad weather, only five horses worked. Bill Schwindt judged and after each of the two go-rounds Bill was very interesting and I think beneficial to the contestants, particularly to some of the boys competing for the first time or only a short time in this sport. The first go-round was held before lunch. Smokey Bill, owned and ridden by Dwight Stewart, San Fernando, won; Sawdust, owned by Pete Hylton, Bakersfield, and ridden by Wayman Newfield, Bakersfield, was second, and Soto Bailey, owned by Bob Mettler, Shafter, was third. In the second go-round Silver Fox, owned by Bob Mettler and ridden by Red Cantleberry, won; Smokey Bill was second and Honest Chic, owned and ridden by Al Monjot, San Fernando, was third. Between go-rounds Bill Smith took the contestants and their friends, about 25 in all, to lunch.

Sunday, Jan. 18, a jackpot novice contest was held at Clarence Shetler’s ranch near Little Rock. Chuck Olson judged and 11 horses worked. Bill Elliott, North Hollywood, on Texas Sue tied with Al Monjot on Honest Chic for first and second; Ray Thomas, Van Nuys, riding his horse Snuffy, placed third. In the second go-round Texas Sue was first and tying for second and third were Dave McGregor riding Bucky Joe, owned by Clarence Shetler, and Al Monjot on Honest Chic. Wild Bill Elliott donated a self conforming resistol hat to the winner of each go-round, and Dave McGregor and Al Monjot won the hats.

Sunday, Jan. 25, a jackpot novice contest was held in conjunction with the Shadowettes Horse Show in San Fernando. Judge was Bud Anthony, C. K. Huthsing, Jr., riding Rusty, placed first, Jimmie Williams, San Diego, riding Sioux City, owned by Hal Begley of Yuma, was second; Snuffy, owned and ridden by Ray Thomas, tied with Silver Fox, owned and ridden by Bob Mettler, for third and fourth.

---

**AT STUD—California’s Best “Cal-Bred”**

**BART B. S.**

AQHA 17,981

Triple AAA-World Record Holding Quarter Horse Stallion

Newspaper Quotes——

**L. A. TIMES.** Nov. 10, 1952—

... The Bart B. S. is named after C. J. Skirvin’s famed stallion who is generally recognized as the greatest California-bred Quarter Horse of all time, if not the best in the nation.

**LONG BEACH PRESS-TELEGRAM.** Nov. 10, 1952—

... The Bart B. S., named in honor of the greatest California-bred Quarter Horse in history has attracted ...

Breed to Bart B. S. and raise a Cal-Bred Futurity Prospect from one of the best running speed, weight carrying ability winner of 10 races out of 12 starts, 1 second.

FEES $200 WITH RETURN in 1953. Accommodations for visiting mares, $1.50 per day. Not responsible for accident or disease. APPROVED MARES ONLY

For bookings contact or see

**VINCENT YORBA**

San rita Ventana

Santa Ana, Calif.

**Standing at**

BART NOTHING RANCH

14241 S. Harbor Blvd.

Santa Ana, Calif.

**C. J. SKIRVIN, owner**

Corner First and Sycamore

Phone Kimberley 2-3301

SANTA ANA, CALIF.
W. D. May's ranch in Nevada utilized——

**Modern Design in the Stud Barn**

A NEW stud barn with adjacent runways or corrals for the studs built by W. D. May on his Double Diamond Livestock Co. ranch at Reno, Nev., offers what many horsemen feel is one of the best examples of a well organized stud barn in the West.

The barn itself is of all-metal construction with aluminum walls and roof. The 40 by 40-foot inside floor plan is divided into three sections. A door at either end of the barn opens onto a 12-foot-wide workway where horses can be handled without crowding.

To either side of this workway there are two 14 by 16-foot stud stalls. They are separated by an 8 by 16-foot stall where a horse trailer is kept. This gives the barn a capacity of four studs and two trailers.

Trailer area was placed between the stalls to make certain studs could not get at each other. The lower portion of each stud stall is wood, but the upper portion is heavy woven wire—another form of protection.

The barn has a second floor which is used for storing hay and other feed. Doors at the end of the barn are tall enough that when opened enough depth is allowed for putting feed in place on the upper floor.

By F. LELAND ELAM

Photos by the Author
RABIYAS

Now is the time to book your mare to a champion Arab with a record of producing winners. RABIYAS sired Joanna, a champion at Pomona All Arab Show, and herself a producer of blue ribbon winners. RABIYAS sired Abu Farwa, now head stallion at Kellogg unit of Cal Poly, and sire of the greatest number of winning Arabs. RABIYAS sired Rabab, winner of 1952 stake and English classes at Portland and San Francisco. RABIYAS has sired plenty more good ones.

BREED TO THE BEST

ALSO WE HAVE SOME OF RABIYAS' GET FOR SALE, and MARES IN FOAL TO HIM

EL CORTIJO

REGISTERED ARABIAN HORSES

Donald C. McKenna
Box 128, Claremont, Calif.

Phone
Lycoming 5-2836
FOR SALE

- 1 Filly
- 1 Gelding

2 excellent prospects for the P.C.O.H.R.A. $200,000 and the $25,000 Cal-Bred Futurities. Both by JEEP P.2022 and out of racing mares. Both are entered in the two Futurities and either one could win them.

These colts have not been started yet but they are absolutely gentle and will be no trouble. Ill health prevents me from running them myself. They are priced to sell.

Write or Inquire
WALTER SCARLETT, Owner or DAN DENNIS, Horse Mgr.
RT. 1, BOX 76
PHONE 80-F-3
SUISUN, CALIFORNIA

---

Honden Appointed—

Ed. Honnen, prominent Quarter Horse owner and breeder, was recently appointed to the Colorado Racing Commission by Gov. Dan Thornton. Honnen has long been interested in racing Quarter Horses and owns several. He also owns such well known mares as Leola, Locita and has the racing Quarter Horse sire, Hard Twist, under lease.

---

Hween Appointed—

Joe Reed, Peter McCue, Steelcut, Copper Bottom, Dexter—all of them. The first of the famous grand champion, Buddy Dexter, and many others. Let’s record at halter as a 2-year-old is: shown 11 times, 11 wins; 5 firsts, 3 seconds and 3 thirds. He was Reserve Champion at Antelope Valley Fair. He’s also good to look at, a beautiful dark bay with golden highlights and a nice blaze face. Fee $100. Come and see him at HART ACRES.

James C. Hart
12554 Pierce St., Pacoima, Calif.
A Veterinary Preparation for External Treatment of

YOUR HORSE
YOUR DOG
YOUR COW
YOUR CAT
YOUR PIG
YOUR SHEEP, Etc.

The Value of Any Method of Treatment Must Be Judged by the Results You Obtain From Actual Use

The long racing season is over. Time goes by quickly—before you realize it, the spring training season will be here. It is very important to have your horse in sound condition at that time.

Now is the time to check your horse to determine what repairs are necessary! Racing over modern tracks does things to your horses' feet and it takes time to grow new sound hoofs! Start treatment NOW! Other conditions may require persistent and proper treatment so don't delay—START NOW!

Stark's Reducine has been an outstanding and efficient treatment for more than forty years. ORDER A SUPPLY TODAY!

A large percentage of horses have faulty feet and this fact is overlooked by many owners.

They will tell that their horse stumbles—and points his foot and his ankles are feverish, etc., and when asked regarding the condition of the feet they reply "The feet are all right." When you consider a horse's feet in their contact with the hard roads, etc., get real hard wear, bruises, etc., you should not overlook the fact that it is very necessary to check them carefully as the cause of many things. Many experienced horsemen tell us that they treat all four feet of their horses during the winter months and when spring comes the horse has good cool feet of normal size and condition and the horse races better and lasts longer. No matter what job your horse is asked to do he is entitled to sound feet.

BARBWIRE CUTS OR ANY OPEN SORES REQUIRE QUICK AND PROPER TREATMENT

In spite of the best planning, accidents will occur that will demand prompt attention. There is no possible excuse that would justify delaying treatment to an injured animal. Everyone should give careful study to any treatment or method that they can use on their animals and decide if it is practical. We hear of many things being done and methods being used, and we are certain that if proper thought had been given that these methods would not have been used.

Many experienced horsemen who use Reducine and find it good, always keep it on hand so they are prepared for any emergency. Any treatment that does not produce satisfaction to the user is worse than useless. We believe it would be wise to follow the example of those experienced horsemen and not experiment. Their experience with STARK'S REDUCINE would be a good example to follow.

STARK'S REDUCINE is indicated in practically every condition where an external treatment should be used.

STARK'S REDUCINE, when it is properly applied, is doing its work 24 hours every day.

We are always glad to co-operate with you and wish you to feel free to write us about your troubles.

Stark's Reducine has been used for 40 years by good horsemen in all walks of life with satisfaction. Can You Afford to Gamble?

ASK FOR AND INSIST ON GETTING STARK'S REDUCINE—ACCEPT NO SUBSTITUTES

The Price of Reducine is $5.00 Per Can in the U. S.

Stark's Reducine is kept for sale by leading druggists and horse dealers

THE REDUCINE COMPANY

Michigan
Deserving of noted ancestry

A brilliant record as a performance horse and a good start as a sire. Conformation, animation, plus an excellent disposition.

We invite you to pay us a visit and get better acquainted.

Occasional select youngsters for sale.

Arabians at their best.

Old Grandad

P-19,061

A top cutting horse and all-round working Quarter Horse. Sired by King P-234, he is a full brother to the great sire and grand champion show and working horse, Poco Bueno, and Old Taylor and Cactus King.

FEE $100 with return.

Jim Bo

AQHA 11,370

This is an exceptional son of the great Quarter Horse sire, Hobo P-1231. He comes from a long line of working horses and he is a real calf roping and steer stopping horse. Breed to him, raise working horses.

FEE $50 with return

Come out to the ranch and see these great Quarter Horse sires. Turn west 1 mile south of Merced at PG & E substation. Follow signs to ranch.

W. P. RODUNER & SON

P. O. Box 470 Phone 10-F-2 MERCEDE, CALIF.
The Morgan Horse
A favorite among Western Stockmen for over half a century
RECENTLY SOLD
BLACK MAGIC MHR 8921
SIRE: W. Charm 8142
DAM: Mady 04433
AT STUD:
JOZAN MHR 7895
RED RACER MHR 8919
FLEETHAM 10572
FOR SALE:
FILLIES, COLTS & MARES, SOME TRAINED.
Pleasant View Ranch
J. C. JACKSON & SONS
HARRISON, MONT.
Inquiries invited. Visitors welcome.

Purebred Arabian
AT STUD
BUDDI AHC 2711
SIRE: CARAVAN AHC 1558
DAM: AUROURA AHC 1206
Outstanding example of this splendid breed!
Gelded colt, 4 years old, with light mane and tail.
WONDERFUL DISPOSITION, PLEDGED 3d, PUREBRED ARABIAN STUD CLASS, 1952 PACIFIC INTERNATIONAL.
FOR SALE: a few half-bred colts by Buddi.
A Purebred stallion also for sale.

SADIE RICH
RT. 1, Box 263, Hubbard, Ore.

Horse laid up?
"HERE'S WHAT I DO"
says Norwood Andrews, of Moorestown, N.J.

"Whenever my horses show signs of lameness, I use Absorbine for relief. I'm sure it has saved me many working hours in the past ten years."

There's nothing like Absorbine for lameness due to strains, puffs, bruises. Absorbine is not a 'cure-all' but a time-proved help in relieving fresh bog spavin, windgall and similar congestive troubles.

A stand-by for over 50 years. Absorbine is used by many veterinarians. Will not blister or remove hair. Only $2.50 at all drugstores.


ABSORBINE
WESTERN COWBOY BOOTS
Fancy high-grade—hand-made to your measure.

That Good Feeling on Your Feet!
Also for Women & Children.
Write for the latest catalogue.
CRICHTON BOOT COMPANY
El Paso 15, Texas

KEDRON CASSANOVA, M.H.R. 10069
Foaled Feb. 4, 1948
This handsome grandson of the famous Jubilee King, standing at stud until sold.

REDMAN, M.H.R. 8056
The stock horse type, this famous stallion has blue ribbon colts throughout California.

Good accommodations for mares. Trained saddle stock and young horses for sale at all times.

KEDRON FARM
SOLVANG, CALIFORNIA
Owner: Dr. INA M. RICHTER
Telephone: Santa Ynez 4505 or 4255

and has moved to his new 24-acre ranch at Visalia, Calif., in Mooney's Grove. He plans to spend more time with his horses in 1953 and will have them at his new headquarters. He is handling cattle on the west side of the San Joaquin valley near Alpaugh and plans to increase his interests in the cattle business.

Mr. and Mrs. Dale Franzke, Clovis, Calif., have one of the interesting ranches in the valley. Starting with 40 acres of flat, dry land, they have developed a beautiful permanent pasture setup to handle commercial cattle and Quarter Horses. Mr. Franzke is in the automobile business in Fresno, but he and Mrs. Franzke have done practically all of the work in developing the land, fencing and building. A new attractive home stands on a hill overlooking the ranch with a beautiful view of the Sierra Nevadas and a barn has been built. In the barn are several Quarter Horses they bought from Mrs.

and has moved to his new 24-acre ranch at Visalia, Calif., in Mooney's Grove. He plans to spend more time with his horses in 1953 and will have them at his new headquarters. He is handling cattle on the west side of the San Joaquin valley near Alpaugh and plans to increase his interests in the cattle business.

Mr. and Mrs. Dale Franzke, Clovis, Calif., have one of the interesting ranches in the valley. Starting with 40 acres of flat, dry land, they have developed a beautiful permanent pasture setup to handle commercial cattle and Quarter Horses. Mr. Franzke is in the automobile business in Fresno, but he and Mrs. Franzke have done practically all of the work in developing the land, fencing and building. A new attractive home stands on a hill overlooking the ranch with a beautiful view of the Sierra Nevadas and a barn has been built. In the barn are several Quarter Horses they bought from Mrs.
AT STUD TO APPROVED MARES
ARABIAN GELDINGS, FILLIES
AND STALLIONS FOR SALE

Thompson Arabian Ranch
17365 San Fernando Road
NEWHALL
CALIFORNIA

Here’s Breeding for Winners in Show, Rodeo, Work

SEÑOR BILL
P-4184

He has what it takes to sire the best in Quarter Horses. His colts are winning at the races, in the show ring and working on ranches. By Chicaro Bill by Chicle and out of Do Good, Señor Bill holds the 330-yd. stallion record of 17.2 seconds; an AA horse at all distances up to ¾-mile; Grand Champion stallion, Tucson, 1950; Reserve Champion at Phoenix, 1950; and is widely known as a calf roping and steer stopping horse.

AT STUD 1953. WRITE TODAY FOR BOOKINGS.

FOR SALE: 2 Thoroughbred mares in foal to Spotted Bull; 1 Quarter mare by Dusty Hancock out of 803 Babe (both AA), in foal to Settle Up; several Three Bars fillies; and one 2-yr.-old son of Señor Bill. Come see them during the AQHA convention, March 26-29.

Franklin B. Cox BOX 488 Chandler, Ariz.
Fun With Horses—
Salem Saddle Club Represents Great
Growth of Riding Groups in Northwest

By THOS. W. ALLEN

In this great Northwest country we have saddle clubs by the dozen. And, like whiskey and women, there isn't no bad ones. They are all good or better. We have clubs where the English riders stare down their noses at the Western riders; we have clubs where the Western riders stare down their noses at the English riders; we have clubs that are a mixture of both and clubs that are 100% either.

The writer was the speaker a couple of weeks ago at the Puyallup, Wash., saddle club, where riders of all branches of the horse industry could be identified in the membership—English riders, jumping people and fine harness exponents were equally enjoying the wonderful fellowship with calf ropers, reined horsemen and just plain riders. Cutting horse movies were shown and a Quarter Horse stallion was brought in the clubroom and shown and explained. Some of the most interested spectators were breeders of Arabians, Saddlesbreds and other breeds. Recently I jumped over to Ellensburg, Wash., and spoke to the Kittitas County roping and cutting club where a flat saddle was produced the owner would be immediately lynched. Was back in Tacoma later on helping conduct a cutting contest and the most interested spectators were a large group of people who had just returned from a good old fox hunt with real live hounds and drag scent. Red coats and hard hats were among the most ardent rooters for the cutting ponies that ducked and dodged in their showy manner. Toleration! That's what we have and when you respect the other fellow's riding likes and dislikes when they differ from yours then you get down to real fun and enjoyment.

Successful Club. Perhaps the largest and most successful riding club in the entire Northwest is the Salem Saddle Club at the capital city of Salem, Ore. More than 200 members enjoy the large scale activities and benefits of this large cooperative organization. Through its efforts the magnificent growth of the sport of riding as one for the rich only to bring it to the white collar worker, the laboring man and the teenage school kids. The club has brought the cost of maintaining a horse down to where it can be afforded by anyone. The total cost of membership is $20 a year and the total cost of keeping and maintaining a horse in its stables is $30 per month. Add an occasional villaary bill and any special frills that the owner desires and the total cost comes to less than $35 per month.

We have kids that earn sufficient money during the summer months to keep their horses in the club and we have boys that carry paper routes to buy the cost, and we have kids that don't own a horse but get plenty of riding by exercising horses for owners who don't have the time. And we have many kids whose parents are smart enough to know that when a kid is occupied heart and soul with the joy of horse riding they are not likely to get into mischief.
MUcho Bueno

at stud in his new home

a proven champion

Show 48 times in Halter Classes—winning 19 CHAMPIONSHIPS, 31 Blues, 5 Seconds, 7 Thirds. He has been a consistent winner in Trail & Stock Horse Classes.

HIS COLTS WERE TOP WINNERS in Halter Classes and are showing the outstanding features of their great sire.

• EXCELLENT CONFORMATION
• GENTLE DISPOSITION
• HIGH INTELLIGENCE and
• ALERT RESPONSIVENESS

Gibson Ranch

R.R. 2, BOX 336 • PHONE 660 • ST. HELENA, CALIFORNIA

Breed for Better Arabians

at stud by private treaty

• Gulastra AHC 521
• *Ghamil AHC 4217

Gulastra Mares

Our Gulastra mares are high quality, producers of quality colts. These represent our foundation breeding program well.

for sale

Other choice mares, fillies and colts.

Howard E. Marks

203 Bervedor Phone Tracy 430

Dick Lynch, Manager

Tracy, California
and pride of horse ownership that he hasn't time to get in trouble.

100% Democratic. The Salem Saddle Club has grown and prospered through the years because it is 100% democratic and ruled by those who actively participate in its activities. The president, who is serving his second consecutive term, is jovial and likeable O. D. (Bar) Youngquist, who in private life is a glove salesman. Vice president is Henry Hess Jr., who is a state employee and one of our top amateur calf ropers. Secretary is Esther Ward, a charming and energetic housewife. Treasurer is Rodney Hofsetter, who helps his father operate a creamery, and barn manager is Olin Cross, a restaurant owner. Directors are Dr. Peterson, a veterinarian, Harold Smith, a rancher, Floyd Seamster, a cleaning establishment proprietor, and Erwin Ward, a county official. Every one of these officers owns horses and is actively engaged in riding as a hobby and recreation. Here you have democracy at its best and you don't have to own the First National or be born in the backs to help run this club.

The club is housed in the Oregon State Fairgrounds stadium which it rents for $300 per month for all year except for a month or so when it is prepared for and engaged in the annual state fair, at which time all the horses enjoy a vacation in pasture. This huge stadium teems with activity with no dull moments and something going on all the time. Monday evening is devoted to a call drill where riders participate in formation riding and enjoyable fellowship, terminated with coffee and donuts in the club room. Tuesday evening the joint is packed with calf ropers, professional and amateur, and a large number of calves are kept in special pens in the rear of the stadium. Wednesday night the drill team practices under the able captaincy of Erwin Ward and drillmaster Floyd Seamster.

This drill team has won many honors and praise for its outstanding performances at many large Northwest shows and rodeos. A spirit of fun and cooperation is the outstanding feature of this group.

Precision Drill. Thursday evening the Oregon Mounted Posse Governors Guard practices its precision drill and this group has long been noted for its fast and precise drill and parade horses.

ROSE MARIE
STOCK FARM

QUARTER HORSES

Every effort so far has been made in our breeding program to secure the very best horses, regardless of cost, that will mate well with our sires. We now have an outstanding group of brood mares and the youngsters we have raised show marked improvement—the true value of using exceptional blood.

From time to time we will now have horses, including youngsters, for sale at the ranch. We invite your visit and hope you will take time to see our stock before you make your decisions to purchase in 1953. We want to raise better Quarter Horses for every horseman and cattle operator in the West.

Home of the
PALOMINO CHAMPION
HANDY BUCK
P-20,336

George & Francis Beggs
Ranch Phone 35883
Office Phone 46075
4½ Miles South of Bakersfield on Wible Road
BAKERSFIELD, CALIF.
For a long trip ... or a short one
You can always depend on . . .

THE WESTERNER
They're engineered for Performance.
They're a pleasure to use.
They're made right.
They're priced right.

The Transcontinental Tandem
with full height escape doors

They're made for Performance.
They're a pleasure to use.
They're made right.
They're priced right.

The Westerner Deluxe
See THE WESTERNER at your dealers—Ask him for a demonstration.

RICHARDS Manufacturing Co.
5146 W. 104th Street
Inglewood, Calif.

The author, aboard his champion stock
and reined horse Otto's Lucky Number,
comes out of the chutes at the Salem
Saddle Club arena.

and equipment. All members of this
group are also members of the Salem
Saddle Club. Friday night is the high-
light of the week and is called "fun
night" and the results are just what
the name implies. Members take turns
in producing this night and all try to
outdo the others in concocting new
and sensational games and events on
horseback. It is a hilarious evening
with the arena full of horses of every
description and ridden by people of all
ages from grandmothers down to pint
sized kids. Scurry races, pole bending,
barrel races, timed events and games
of all descriptions are indulged in.

Sunday the calf ropers take over
again and occasionally other clubs are
invited in for a Sunday of jackpot rop-
ing, cutting and general activity of all
kinds. From noon until the evening
events start the arena is open for all
members to ride, train or exercise their
horses and if a special group desires to
participate in any particular activity
time is set aside for them. Some of the
best cutting horses in the country have
been developed in this arena and some
of the finest calf ropers have received
their training here.

The head of the cutting club has
been Grant Farris and the head of the
roping club is Jack Vest. Both of these
men have spent many hundreds of
hours of their own time to conduct the
activities of these two branches of the
club and have done outstanding jobs in
every way.

Harmony Is Keynote. Significant of
the club's huge success is the absence
of bickering, factionalism and com-
mercialism that have ruined so many
clubs. Harmony is the keynote and
near-perfection has been obtained in
this regard. Many social events are in-
dulged in besides actual riding.

When you are up this way, pardner,
drop around and rope a calf, cut a
cow, bend a pole, ride a drill, run a
scurry and when you are all in prop a
foot up on the rail of our coffee bar
and enjoy the atmosphere of convivial
fellowship and good will. But be care-
ful of that guy who is willing to sell
you a horse at a big bargain.
JOE BARRETT

JOE BARRETT has an enviable record as a great roping horse and a great show horse. Every time he was shown he was grand champion or reserve champion. Joe Barrett sons and daughters are not only outstanding show horses, they are race horses of outstanding note.

DUTCH BOY is one of the best sons of Chubby by Midnight and he is out of Dutch Lady by Chalk. His characteristic Quarter Horse conformation has placed him at the top of many leading shows. Twice reserve champion stallion of PCQHA shows and Grand Champion of the Top O'Texas Show, Pampa, and at Floydada, Texas.

DANIEL BOONE by Barney Troutman P-956 out of Chapparita by Wiskaway AQHA 16, sires colts that are great ranch horses. They possess speed and stamina, cow sense and Quarter Horse savvy... important to those who want real ranch working horses.

We Have For Sale

Good registered brood mares with foals at side that will be bred back to one of our stallions. Also offering a selection of yearlings, 2-year-old and older Quarter Horse fillies, stallions and geldings, royalty bred. Many ready to develop for ranch, show and racing purposes now. Also a few working geldings for sale. All priced reasonably. WATCH FOR A SALE ANNOUNCEMENT OF SOME OF OUR QUARTER HORSES LATER IN THE YEAR.

Tom Connolly’s
DIXIE VALLEY RANCH
FALL RIVER MILLS
PITTVILLE, CALIF.
JOE LESS
P-2992
A son of Joe Moore, sire of Stella Moore the great race mare and out of June P-1713 by Universe. He has a good head and real Quarter Horse class. Breed for speed with this outstanding stallion.

1952 Youngsters for Sale by all three horses

Guy R. Corpe
Don "Pooch" Lieber, Mgr.
Rt. 2, Box 3280
Sacramento, Calif.

WALKING HORSES
"America's Greatest Pleasure Horses"

Some of our best FOR SALE

Pair chestnut geldings, blazed faces, stocking legs, flaxen manes and tails, full brothers, one coming 3, one coming 2. They stand better than 15 hands now. Both sired by Allen's Yellow Hammer out of Dixie Red Queen. One short yearling chestnut stallion by Sir Wilson Allen out of Christians Lady. This colt has a large star, snip and three white stockings. One short yearling filly sired by Yellow Hammer out of Patsy Dear. One coming 4-year-old chestnut gelding sired by Chocolate Soldier, a half-brother to the two geldings listed above, marked very similar, well trained, sound and gentle for pleasure use.

Here's One
This is a beautiful 4-year-old Palomino filly ready to use for pleasure or show purposes. She has a wonderful disposition and is a lovely individual.

TWHBA 460774 PHA 6099 PHBA 8932. A beautiful golden Palomino Walking Horse stallion, proven sire.
Raise Walking colts.

H. B. MURPHY
Route 2, Box 444
MEDFORD, OREGON
HORSE TAILS
Continued From Page 169

Feb. 19-22—Riverside County Fair and National Date Festival, Indio, Calif.
Feb. 21-22—North Dakota Hereford Assn. Show and Sale, Dickinson, N.D.
Feb. 21-22—Petterson Bros. Hereford Sale, Ogden, Utah.
Feb. 24-27—Oregon Shorthorn Breeders’ Annual Convention, Prineville.
Feb. 24-28—Arizona Cattle Growers’ Annual Convention, Bisbee.
Feb. 24-26—March 6—California Mid-Winter Fair and Horse Show, Imperial, Calif.
March 1-3—Third Annual Oregon Poll Hereford Assn. Show and Sale, Salem, Ore.
March 1-3—Pacific Regional Aberdeen-Angus Show & Sale, Sacramento, Calif.
March 2-3—Inland Empire Shorthorn Breeders’ Assn. Show and Sale, Spokane, Wash.
March 4-5—Northwest Hereford Breeders’ Assn. Show and Sale, Spokane, Wash.
March 6-7—Idaho Empire Aberdeen-Angus Assn. Sale, Boise, Idaho.
March 6-7—C. E. Lewis Poll Hereford Annual Sale, Amite, Ore.
March 9-10—Normadale Hereford Ranch Sale, Prineville.
March 15-16—Dryden State All-Breed Sale, Ravenna, Wash.
March 15-16—Montana Shorthorn Breeders’ Assn. Show and Sale, Great Falls, Mont.
March 16-17—Spring Show and Sale, Idaho Cattlemen’s Assn. 14th Annual Sale, Idaho Falls, Idaho.
March 16-16—Elkhart County Livestock Growers Assn. All-Breed Bull and Female Sale, Goshen, Ind.
March 16-16—Nebraska Hereford Assn. Show and Sale, Holdrege, Neb.

WINNER’S CIRCLE again for ’53

COWBOY BOOTS
& SADDLES
Send for NEW Catalog

TRAILER KING
MFG. CO.
WALNUT CREEK, CALIF.
INDEX to ADVERTISERS

Observations, by Nelson R. Crow 5
Livestock Markets 6
News Letter From the Nation’s Capitol, by Jay Richter 17
Letters 19
But is a Lawyer, by E. B. B. T. 19
Creep Feed ‘Em, by Ralph McCall 52
Inga 34
Portrait of a Cattleman 58
Two Blades of Grass Where Thousands Grew Before, by John O’Neal 61
One-Man Feeding, Fitting Unity, by Bob Trale 62
They Tell Me 76
Price Shifts 79
Back to School, by Ruben Albaugh 107
Combating Deflate, by Charles Ryd 111
Roaming With Raymond, by Raymond Hosted 117
Bull Market, by Ray Taylor 118
Subtle Beasts, by William H. Porter 120
Should We Restore Our Cavalry, by Vivian Keatley 146
Judging Horses, by C. E. Howell 157
History Maker, by Cecil Hellbach 157
Cattle & Calves on Feed 163
Horses and Horsemen 129
Top Rail Talk by Bill Smale 131
Horse of the Month, a photograph 132
Calumet Management, by Ray Taylor 133
Small Bear & the Big Bear, by William H. Porter 142
Fudge & the Trojan Horse 168
Horse Tail by Nick 168
Fun With Horses, by Thos. W. Allen 171
Coming Events 171

- IN THIS ISSUE -
...with New Ford Tractor Power and Dearborn Industrial Loader

Its lift is high—its reach is long—its range is great. And this Dearborn extra-capacity loader is strongly built—its long tubular arms are rigidly braced to withstand the abuse of the heaviest work.

This stout loader’s own hydraulic system powers the lift. Two hydraulic cylinders control and stabilize bucket action. That’s why its specialty is high-lift loading of 1000-pound forks or bucketsful, at heights up to 10’8”.

Up Goes Handling Capacity!
See what happens when more power is demanded of the new overhead valve Ford “Red Tiger” Engine. It’s there instantly, to speed the handling of manure, sand, fertilizer, bags of grain, and many other farm materials.

And the new Ford Tractor’s greater weight, strength and wheelbase length give you new efficiency for operating front-mounted as well as rear-attached equipment.

Equip It—To Suit Your Needs
This Dearborn Loader can be equipped with Manure Fork, Material Bucket, Crane Attachment or Snow Bucket, which is also used to load grain or coal. An Adapter Unit, mounted in minutes, permits using this Dearborn Loader with the Angle Dozer to level, grade or windrow materials—or with the Dearborn Snow Plow. Each attachment is sold separately.

Ask your nearby Ford Tractor dealer to recommend the Dearborn Loader that fits your needs. Remember, convenient terms are available on the equipment he sells.

DEARBORN MOTORS CORPORATION
Birmingham, Michigan
National Marketing Organization for the Ford Tractor and Dearborn Farm Equipment
Digesta-Bone provides ample phosphorus for health, gains, breeding, calf-crop

Due to the shortage of phosphorus in roughage feeds, it has become necessary to supply supplemental minerals in order to build good livestock profits.

DIGESTA-BONE . . . 100% sterilized, steamed bonemeal, specially processed for animal feeding, is your best, most economical source of phosphorus. It is 100% organic origin . . . 100% edible and supplies the highest quality phosphorus and calcium, plus trace minerals, in nature's easily digestible C/P ratio.

Your cattle will thrive better when given free-access to a Digesta-Bone and salt mixture. Based on the normal salt consumption of cattle, their Digesta-Bone intake . . . when fed the right mixture®. . . will quickly correct deficiencies.

It will help maintain health . . . increase utilization per unit of intake . . . speed gains. It will help also, to stimulate breeding, promote stronger embryo development and the dropping of more and sturdier calves.

* Suggested Mixtures

**SEVERE DEFICIENCY:**
3 Digesta-Bone/1 Salt

**MILD DEFICIENCY:**
2 Digesta-Bone/1 Salt

**NORMAL MAINTENANCE**
1 Digesta-Bone/1 Salt

Free-access to DIGESTA-BONE is your best aid in feeding for profit.