"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!"

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 EXTRAS of a baler that really stands up under rigorous 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-tied 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 tied.
- 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 biler 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 load.

MINNEAPOLIS-MOLINE MINNEAPOLIS 1, MINNESOTA

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!"
IT'S LUCKY
when you live
in the West

LUCKY LAGER
the age-dated beer

Lucky Lager Brewing Company, San Francisco - Los Angeles
STOCK
Safest! Fastest! Easiest to operate
The chute with all the features, and the "best buy" on the market today.

FARNAM "Portable"
CHUTE GATE
Makes quick work of most cattle handling jobs. Tie it into place in runway, gate opening, barn door, or install it permanently.

BRANDING IRON HEATER

GRAN ROLLER
Rolls, crimps, cracks all small grains without dusting. Low-cost, farm-size units. Precision built with knurled chromed steel rolls.

FARNAM "Brush-Type"
CURRI-OILER
The only automatic oiler that rids cattle of grubs, lice, ticks & mites. Brushes the insecticide down into the hair and onto the hide.

TRAK-TOR SPRAYER
Low cost, high pressure livestock sprayer! Operates from power take-off. Delivers 4½ gal. per minute at 350 lbs. pressure!
DESPITE THE FACT that a hefty part of inflation in livestock prices was wrung out in 1952, the amazing fact is that the rank and file of livestock owners are starting out the New Year in strong financial condition. Livestock are in firm hands and there will not be the disposition to sell indiscriminately during the coming months. Most of the cattle going for slaughter during the next 60 days will come out of feedlots. Owners of these cattle are determined to carry out an orderly marketing program and this should be a stabilizing factor in the cattle markets.

WESTERN RANGEMEN will hope for bountiful rainfall in the coming months. Much of the Western country has had very satisfactory winter moisture which gives promise of sufficient irrigation water, and is helpful to grain prospects. California has had timely rains, generally above normal, and grass and grain prospects are excellent. Ample rainfall in all of the range country would do a lot towards stabilizing the entire livestock structure.

BUSINESS GENERALLY will be good in 1953. Economists and business people alike are agreed on that point. There is confidence in the new Eisenhower administration. There will continue to be heavy government spending for defense, wages are expected to be maintained, and there may be further increase in consumer income. But don't look for further inflation. Credit controls rather than artificial wage and price controls will be used to curb the inflationary spiral nurtured by the Truman administration.

THERE WILL BE FEWER HOGS available for market and this may well strengthen the demand for the anticipated increase in beef supplies. Even though some sections of the country that were hit by drought in 1952 may be in position to restock, the trade generally looks for increased slaughter of shestock during the year. With consumer purchasing power extremely high, it would seem a good year for cattlemen to trim down herds and put the brakes upon further expansion in cattle inventory.

PACKERS AND MEAT RETAILERS are calling upon cattlemen to supply them with high quality, young cattle. They don't want heavy steers that will make carcasses weighing above 550 lb. They don't want heavy lambs. The 50-lb. lamb carcass is ideal. They don't want excess fat on cattle or hogs because fat is a drug on the market. Providing the consumer with the most sought-for meat cuts is less expensive than it is to push over-fat, wastey carcasses into retail channels.
CAPITALIST AT WORK

Born in the saddle, they say, he's growing up in the cow business and likes it. Knows a good steer when he sees one and likes to "show" at the county fair. Short on capital, his project is to turn what little he has into profit and make his profits grow from year to year—and do it even better than his industrious forebears did before him. He's a capitalist at work—whose prospects the Bank of America takes pride to encourage.

Bank of America
NATIONAL TRUST AND SAVINGS ASSOCIATION

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LIVESTOCK SPRAYER MFG. COMPANY
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San Jose, California

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 horn, 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

Livedstock Markets

By BOB SKAU

The overall business picture was very optimistic as the new year opened. Industrial production was at a record high, but factory output is lagging behind orders. Consumer buying power is starting the new year near a recent high and government spending for defense will be at a high rate for some time to come.

But what about the livestock picture for the near future? At the moment conditions are not too favorable for the feeder and the going has been rather rough for many months. Some further price adjustments are expected for the near future, but in the overall long range picture the feeder will probably do better than in 1952 when the grower is likely to see some further narrowing in margins of profit.

While this may offer some consolation for the future, the immediate past has been a rough period for all livestock operators. Declines ruled on cattle prices throughout the first month of 1952, although prices started a mild recovery in the final days when supplies were held way down before the holiday season. Hogs also finished the year slightly above the low time.

Cattle on Feed. A survey made in this publication showed that on Dec. there were about 14% fewer cattle on feed in the dry lots than at that time a year earlier. The time the cattle were put on feed indicated that the supply for the winter season would be fairly well distributed. However, it is also known that there is a large number of stocky cattle on grass for green feed and coming along in excellent shape following rains that were above average for the season. Cattle feeding in Arizona is somewhat below last year, but the Middlewest is reported to have near record number being readied for market.

The hog situation will probably improved some during the new year. Numbers declined fully 10% during 1952 and the spring pig crop is expected to be about 15% under that of 1952. The resultant smaller marketing should enable the market to show some improvement.

The lamb feeding situation is
Every female in our BEEFMASTER breeding herds must drop and raise an early calf every year—or get out. And we breed BEEFMASTERS as short yearlings.

Take the heifer calves in the unretouched photograph above. The picture was made right after they were weaned last fall. In the spring when our cow herds are bred, they will become a part of the BEEFMASTER breeding herd. Each will have to drop a calf early in 1954 as a two-year-old or be sold.

BEEFMASTER yearling heifers and bulls become part of the breeding herds at an average age of about 14 months. Once in the breeding herd no distinction is made as to date of calving requirements between the two-year-old heifers and the older cows. All must produce early—and well each year or get out.

Although BEEFMASTERS have been bred as yearlings for many years, we laid down this rough-and-tough rule in 1949. Thus every female which remains in our breeding herds and is old enough has dropped and raised an early calf in 1949, 1950, 1951 and 1952—four "dividends" in four years, droughts notwithstanding. We shall continue this policy.

Fertility is a prerequisite of BEEFMASTER breeding. It should be a requirement of every breeding program. Only through the ruthless elimination of non-productive or poor producing animals, can a strong and profitable herd be built.

"More Beef for Less Money"
For the spring market
START NOW to
Brand your beef
herd with
PROFIT

Change the brand on your feeder cattle—losses can be turned to profit by feeding.

Fat cattle bring the top dollar. There's just one way to fatten them right—feed them right.

We are not just feeders—we're cattlemen. We know what and how to feed in order to assure you maximum gain.

23 ACRES OF PAVED CORRALS

- No mud problems
- Cattle are bedded
- Feed consumed is utilized for fattening

For full information, write, wire or phone:

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P. O. Box 880—Berryessa Road
San Jose, Calif.—CYpress 5-7250
Far West is about the same or a little lighter than last winter. Feeding in other areas will probably be smaller than last year, but with low wool prices it is not likely that the market will be able to advance very much.

Heavy cattle numbers were responsible for depressing the market during the final month of last year. All markets received heavy supplies of range stock and new crop cattle. Some of the heavy selling was due to muddy feedlots, but there were a lot of cattle feeders who were discouraged because the cost of gains was running far ahead of the market value of the cattle.

Choice Cattle Lower. Choice cattle at most of the Western markets sold largely from $27 to $28 during the month with one load of prime offerings reaching a peak of $28.50. These prices were the lowest at which choice grades had sold in almost three years. At the same time the bulk of the good grade fed offerings figured from $22.50 to $25.50 while most short-feds and warmed up grades went at $20 to $22. Plainer grades of slaughter steers sold down from $19 with real common offerings at $15 when the market was at its lowest point.

Heifer numbers were small, but buyers continued to discriminate against this class of cattle. The complaint about most of the heifers that were finished to a choice grade was that they were carrying too much waste fat and they were slow to move through retail channels. Choice kinds sold from $24 to $25 which was about $3 per cwt. under comparable grading fed steers and yearlings. Short-fed kinds sold down to $20 with real plain kinds in a wide range down from $18.

Cow numbers continued heavy dur-
You'll graze more stock per acre when you

Improve Pastures with this McCormick® Equipment

Make better seedbeds for new pastures with this combination—two McCormick harrow plows working a 12-foot strip behind a McCormick WD-9 tractor. These plows thoroughly pulverize and mix the soil. This speeds germination and growth of grasses by providing more contact between soil particles and small seeds. It also leaves enough plant material exposed to reduce wind and water erosion.

Clear out sagebrush with a McCormick 27-B heavy-duty offset disk harrow. McCormick disk harrows have the right balance and weight for deep, even penetration.

Put new life into sodbound grass with a McCormick No. 3 tool bar tiller. Use stiff shanks (shown) or your choice of ditcher, subsoiler, coil shanks, or furrowers.

Renovate pastures with the versatile McCormick HM-1 heavy-duty tool bar that can be equipped with stiff shanks (shown), bedding disks, coil shanks or other ground tools.

See your IH dealer about your pasture improvement plans. Let him show you and tell you about the McCormick equipment, in the size and type you want, to perform every operation in your pasture program better, faster, and more profitably.

INTERNATIONAL HARVESTER

International Harvester products pay for themselves in use—McCormick Farm Equipment and Farmall Tractors • Motor Trucks • Crawler Tractors and Power Units • Refrigerators and Freezers. General Office, Chicago 1, Illinois.
ing the first half of December, and prices reached new low levels of more than three years. Then all of a sudden the supply dropped off sharply and prices gained about $2 per cwt. from the low time. When prices were at the low point the practical top on best fat cows was $16 with thin canners going down to $8 at some markets. With the advance the top grades again moved up to $18 with the bulk moving at $14 to $15.50. Canners and cutters sold at $13.50 and under.

Bulls never changed a great deal. A few heavy boughas sold at $22 with light weight kinds at $20 and less. Slaughter calves sold at $23 and down most of the period, but moved up to a top of $25 late in the year.

Stocker Trade Uneven. Stocker and feeder trading was uneven, but the trade gained momentum as the month wore on. Heavy rains over most of California prompted thin cattle buying and movement to grass was heavy. Good thin yearlings moved mostly at

$21 to $24 with light calves in a limited way at $25.50 and $26. Plainer grades sold from $15 to $18. Stock cows sold from $12 to $14 with heifers selling at $21 and under.

The hog trade is closing a little higher than it was a month ago, but quotations are still below those that prevailed at this time last year. There has been some reduction in hog slaughter, but quite a bit of consumer demand has switched over to the comparatively low priced beef. This has permitted packers to store a heavy volume of pork in cold storage and most of this meat was put away at the low time.

The government stated recently that there will be a decline of about 15% in the number of spring pigs farrowed this year. This would mean a crop of about 48,000,000 pigs, the smallest for any spring season since 1938 and one of the smallest in many years.

**PASTURGRO** can make grass pay $7 for $1

Swift's Specialized Pasture Maker has been used for two years in north, south and western areas. From these areas come sensational reports! They tell of returns of $7.00 for every $1.00 invested in plant food for grass . . . of grass that produces over $150 an acre in beef and milk.

Here's what they say . . . More beef, say cattlemen! More milk, say dairymen! More grass means more money, say all of them! It's the best and cheapest feed in the world for beef and dairy herds.

**Developed to meet local needs.** PASTURGRO is Swift's Specialized Pasture Maker. It supplies the nutrients needed so that the combination . . . your soil plus PASTURGRO . . . assures your pasture grasses and legumes all of the nourishment needed to produce big yields of top-quality forage. Here is plant food especially prepared to help you make pastures provide you with more income. PASTURGRO does this by helping to provide your stock with an abundance of more nutritious grass and legumes.

**Chemically hitched.** Like all Swift's Plant Foods, PASTURGRO is chemically hitched by complete mechanical mixing plus complete chemical processing. It is free-flowing, easy to handle, and distributes uniformly through your machines. For profitable pastures, order PASTURGRO from your Authorized Swift Agent or dealer.

**Blenn & Brimm** are Swift's specialized crop makers, with fortified growth elements for high-income crops.

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

**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.

**Buy at the sign of the Red Steer**

*PASTURGRO is Swift's new brand name for a plant food specially formulated for pastures.*
When you manage a household, care for your family and carry your fair share of civic responsibilities, time becomes important in your life. It may seem a minor thing—to call a number of friends and inform them that next week’s club meeting will be at Jane’s home instead of Ruth’s. But even such a minor chore takes time. Will you let us give you a time-saving tip?

Start a personal number book. You’ll be surprised at how much time it will save. And if you check these numbers from time to time—keeping them up-to-date—you’ll also avoid the embarrassment of calling wrong numbers.

**MEMO to a busy homemaker**

For keeping local and out-of-town telephone numbers is yours for the asking. Telephone, send a postcard or drop in at your nearest Pacific Telephone business office for your free copy.

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**A SCHOOL FOR CATTLEMEN**

**ONLY SCHOOL OF THE KIND**

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 adders and a thorough working knowledge of the reproductive organs.

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**PEN FOR SAFEWAY**—Verne Hoffman, Jr. (left), of Mokelumne Farms, Acampo, Calif., with J. F. Flaherty, public relations director of Safeway Stores, Inc., at 1952 Grand National. Hoffman sold this grand champion pen to Safeway during closing auctions at Cow Palace.

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Other than for the drought period in the early 30s.

On the final days of December choice light weight butcher hogs were selling around the $20 mark with the bulk of more desirable weights going at $19 and better. Heavier butchers sold in a wide range with a few down to $17. The bulk of packing sows figured from $14 to $16.

**Lambs Little Changed.** The lamb situation has changed little during the last month. Receipts have tapered off at most Western markets with the bulk of offerings running to small lots. Good and choice lambs sold mostly from $18 to $20 with some reaching a peak of $21. Feeder lambs sold mostly at $17 and under while old ewes were down from $8.

A report as of Dec. 1 stated that 214,000 head of sheep and lambs were on feed in California which is about 6% less than a year ago. Of the total 38,000 or 18% were in dry lots while 24% were in dry lots a year ago.

Feeding conditions for the pasture lambs in Southern California were fair at the start of this season, but improved later on, then slowed some when cold weather hurt new seedings. Losses to date have been normal for Intermountain lambs, but rather heavy for some bands from the southern areas.

**CCC Reports Cotton Loans**

CCC reports 646,648 bales of the 1957 cotton crop were covered by $316,340 cotton loans up to Dec. 17. Texas led with 178,742 bales covered by loans. Virginia reported the lowest number with 50 bales under loans. Sixteen states were listed in the report.

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**PEN FOR SAFEWAY**—Verne Hoffman, Jr. (left), of Mokelumne Farms, Acampo, Calif., with J. F. Flaherty, public relations director of Safeway Stores, Inc., at 1952 Grand National. Hoffman sold this grand champion pen to Safeway during closing auctions at Cow Palace.
Makes quick work of storing chopped hay, silage, and straw. Case Forage Blower moves big tonnage fast with moderate power. Spring-hinged hopper swings up; no backing with loads. Wagon unloader optional, saves hard work.

No belting up, no staking down with Eagle Hitch Hammer Mill. Mounts on Eagle Hitch of Case "VA" Series Tractors. Lift it with Constant Hydraulic Control and zip away to the job. Like the stationary models, lasts for many busy years.

For Speeding Your Feeding

New "EH" Heavy-Duty Elevator works faster, lifts even higher than famous Case "E-2" 4-Way Portable Elevator. Drive with gas engine, electric motor, tractor belt or PTO. Hopper swings up—no backing with load. Simple, sturdy build.

Side-hill safety with high loads—more stability on rough ground, crossing ditches, ridges—with 66-inch wheel spacing of Case Wide-Tread Wagon Gear. Trails corn picker nicely, straddling two rows. Built for highway trailing behind car or truck; for big 3-ton payloads.

Speed your chores with tractor power! Utility carrier takes but a minute to hook up to Case Eagle Hitch Tractors...right from driver's seat. Lowers for ground-level loading, lifts with hydraulic control for quick travel. Carry feed to cows, bring back milk. Move calves in pen or crate. See your Case dealer, send for free folders. J. I. Case Co., Los Angeles and Oakland.
Practical Aids for Handling Livestock

FRANKLIN TRI-SULFA
Sulfa treatment at its best, easily and safely administered. Effective for combating many dangerous livestock diseases such as CALF PNEUMONIA, CALF DIPHTHERIA, FOOT ROT and SHIPPING FEVER.

In two convenient forms:
TRI-SULFA SOLUTION and
TRI-SULFA BOLUSES

Don't Feed Lice All Winter
FRANKLIN D-THANE
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Authorities claim that lice infestation causes a loss of at least 10% of the gains. FRANKLIN offers a complete line of proven insecticides such as D-THANE, DDT, BHC, Derris Powder, etc. Consult your FRANKLIN Dealer for the type best suited to your conditions.

FRANKLIN Calf Puller
Just the instrument needed in the many cases that call for assistance.

A low cost outfit of unsurpassed efficiency. The Calf Puller is readily attached or removed from the Pow'r-Pull thus permitting a wide scope of uses. Both Calf Puller and Pow'r-Pull made in our own shops.

Send for special leaflet.

O.M. FRANKLIN SERUM COMPANY
DENVER KANSAS CITY WICHITA AMARILLO FT. WORTH MARFA EL PASO
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More Stockmen give more calves complete Blackleg Protection with FRANKLIN Vaccine than with any other make.

Avoid all Blackleg loss by being sure that each calf gets an early dose of FRANKLIN CLOSTRIDIUM CHAUVEI-SEPTICUS BACTERIN it confers dependable immunity against both Blackleg and Malignant Edema.

Now is the time to start building resistance against Shipping Fever. A spring dose of FRANKLIN CORYNEBACTERIUM PASTEURELLA BACTERIN followed by a booster dose in the fall develops strong resistance.

GET RID OF CATTLE GRUBS
Winter treatment of cattle grubs will add an average of 15 pounds to the market weight of beef. This estimate, revealed by veterinary leaders, was based on studies of research men, packers, and feeders. Treated cattle gained an average of almost two pounds more a week than untreated cattle.

Franklin Washable Treatments are supplied for either POWDER, WASH, OR SPRAY APPLICATION

Be sure to get your copy of the 1953 FRANKLIN CATALOG New edition now being distributed. Free copy mailed upon request. Or, obtain from your local Franklin Dealer.

Local Drug Store Dealers

LOCAL DEALERS Carry full stocks of Franklin Products. Shown is Thompson Pharmacy of Calhan, Colo.
CATTLEMEN can look for the agriculture department to continue driving for an expanding livestock economy. In a memo recently sent to field employees, discussing livestock production objectives for the New Year, Washington USDA officials said:

"An adequate supply of animal products for the armed forces, as well as an adequate civilian supply... is essential... the population of the United States has been expanding at the rate of about 2.5 million people per year.

"Disregarding other changes, civilian requirements for meat, milk and eggs would be increased by 1.5% each year merely because of these population increases."

The department has not made its memorandum public, but that is the general thinking. In the memo, officials make clear that they prefer continued reduction in hog production, despite the desire for overall increase in livestock and livestock products.

Their reasoning is that beef supplies are certain to continue mounting, and less pork will help steady markets. Results will be that the USDA will encourage production of a smaller pig crop next spring.

***

THE new agriculture secretary, Ezra T. Benson, and his top hands at USDA are to go along with the outgoing administration in seeking to expand livestock production in the years ahead, including '53.

Dr. Karl D. Butler, close to Benson and to have a strong voice in future agricultural policy, is a long-time advocate of more meat, milk, and poultry—for better nutrition and to absorb grain surpluses, such as the wheat glut that is again threatening.

"Let the cattle, the hogs and the chickens eat the rough stuff," he declares, "and let us eat the more palatable, high-protein foods we get in meat, milk and eggs. Grain surpluses are more livestock products."

Butler, like Benson, is a Mormon, and has had broad agricultural experience with farm co-ops and ag colleges.

Note: Cattle are to get the big play in '53. The incoming USDA bosses are likely to go along with their predecessors in shooting for fewer hogs to offset cattle gains. They are also expected

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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, profit-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.

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Manufacturers of FARMLAND, STOUT & WYSS Sprinkler Irrigation Equip.
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. H3-t, 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
to go along with Brannan’s advice to try and keep poultry and egg production at current levels, instead of calling for increases.

WASHINGTON officials, legislators and farm leaders are generally agreed that 1953 could be the year the men are separated from the boys on U. S. ranches and farms.

Operators who don’t plan carefully and operate efficiently, they believe, may see their profit margins narrow to the vanishing point. Here are the main factors leading to this conclusion:

1) Continued high farm production, possible surpluses and hard prices for production items could mean still lower markets in ’53. (Some livestock men, however, now believe cattle prices won’t drop much below present levels. They figure continued high consumer income and demand will offset expected production increases.)

2) Help is expected to be shorter again in 1953 than in 1952 when total farm employment fell off for the fifth consecutive year. The labor experts say the New Year decline could be as much as 4% and the pinch is likely to be felt in all areas. In the Pacific states, in ’52, total farm employment dropped off, but by less than 1%. The pinch was more painful in other regions.

A TOUGHER policy on military deferments still appears to be in the cards for the New Year. Selective service may call as many as a million men. Due to reduction in re-enlistments and volunteers, the draft rate could be speeded from some 35,000 to 50,000 men per month, according to unofficial estimates.

Farm officials, worried by the outlook, are being told by military men that some boys can be expected back on the farm under the rotation sys-


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.

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New performance from wheel-tractor power!
That's what you get with Allis-Chalmers WD or CA Tractors and the new A-C mounted implements.

Because of new engineering design — better use of engine and hydraulic power — you can now do more work than you've ever done before with tractors of these sizes.

Here's what the Allis-Chalmers Traction Booster will do for you:
1. It automatically adds weight to the rear drive wheels as needed for traction.
2. This extra weight gives full use of rugged Allis-Chalmers engine power, without requiring awkward wheel weights, or expensive extra tonnage built into the tractor itself.
3. It makes these Allis-Chalmers wheel tractors practical for many heavy-duty jobs — including deep plowing, sub-soiling, ditching, furrowing, chiselling and blading.

Other things have happened in tractor-and-implement engineering, too. Let your Allis-Chalmers dealer demonstrate the single master hitchpoint used with A-C mounted plows and drill planters. Let him show you the advantage of Power-Shift rear wheels, and of the big built-in hydraulic system for both mounted and pull-type implements.

Here is extra work-power and special tools for western needs — all at regular price. Ask your Allis-Chalmers dealer for a prove-it demonstration.

High-Clearance Vegetable Cultivator
made in the West to match WD Tractor power and speed. 29-inch lift for tall crops.

4-Row Planter for corn, cotton, sorghum and similar crops. Low-mounted, short-drop hoppers provide accuracy at modern tractor speeds

Two-Way "Spinner" Plow, a new level-plowing champion for less money than you ever believed possible. 14 or 16-inch bottoms.
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.

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National Vitamin Products Co.
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SAVE your milk! SAVE your calves! SAVE on feeding costs!

NEW BALANCED FLOAT VALVE
Positive water shut-off.
Quick acting balanced valve.
Varying water pressures have no effect on operation of valve.
Full pipe size water flow through valve.

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Page 19
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YOU DON'T GUESS WHEN YOU FEED COTTONSEED MEAL and CAKE.

Generations of successful use tells you COTTONSEED MEAL and CAKE is a superior protein concentrate for supplementing range grasses and home-grown grains.

If you want to ask the man who has fed it, you'll probably find his place joins yours.

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creased while farm employment declined steadily. The difference has been made up by increased mechanization and improved practices.

USDA thinks the same thing will happen once more. Already, officials are tooling up to campaign for early purchase by farmers of equipment and feed, and for "higher production per acre, per animal and per man."

Such talk may be a pain in the neck to the individual rancher who wants to do things his own way, but he’ll probably hear a lot of it in coming weeks just the same.

Farmers Pay More Income Tax Than Required by Law

Farmers and ranchers are paying more income tax than necessary under the present law.

With increased income and tax rates, the problem of adjusting a farm business to income tax provisions has become a major management problem. Farmers may use either of two methods in computing taxable income, the cash basis and the accrual (or inventory) basis, but permission must be obtained from the Internal Revenue Commission if the reporting method is changed.

The essential difference between the two methods is that inventory increases and decreases are considered in computing taxable income. Although total taxable income should be the same over a long period, it is not necessarily true. With a net farm gain of $4,999 one year and $1,000 the next, a married farmer with one child filing jointly would pay a total of $360 on the $5,999 total income for the two years. However, if the income increased up so that he paid on $5,000 each year he would pay a total of $360—$177 less.

In addition to a complete record of all expenses, with kinds and quantities noted, a record should be kept of quantities of products sold and of the money returned.

Because of the difference in tax regulations for livestock held more than a year for breeding, dairy or other purposes, and livestock kept for feeding, fattening or other purposes, separate records of sale and purchase price should be maintained. Cash paid for livestock is not deductible as an operating expense but can be subtracted from the sale price of the same livestock when it is sold. Therefore, records of livestock purchased will have to be kept until those animals are sold.

An inventory of improvements on machinery, buildings and fences should be kept. Money put into these improvements is not deductible as operating expenses, but is deductible as depreciation over the lifetime of the asset.

Although an inventory record of livestock and livestock products on hand at the beginning and close of each year is essential for tax purposes on the accrual basis, it is also a measure of how well you did when the cash basis is used.
There's a brighter future ahead for the Lucks and for the thousands of other farm families who are getting delivery of their new John Deere Models "50" and "60" Tractors. And no wonder—for John Deere Tractor engineering advancements have made farming more profitable.

New Duplex Carburetion engines provide smoother, snappier, faster-starting power. New "live" power shaft speeds up every PTO job and saves money. New "live" Powr-Trol cuts shifting and clutching as much as 40 per cent. Exclusive Roll-O-Matic front wheels absorb the shocks of rough fields. Steering is easier... comfort is greater... controls are more convenient... view is better.

All the way through, you'll find these heavy-duty 2- and 3-plow tractors step up performance in many new ways. You'll find, too, that their exclusive two-cylinder design and quality construction insure greater dependability and economy.

Your John Deere dealer is eager to prove this greater tractor value by actual field demonstration. Plan to see him soon. Meanwhile, fill out and mail the coupon for free folder.

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Please send me free folder on John Deere Models "50" and "60" Tractors.

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Page 21
Invaluable Paper—

CONGRATULATIONS on your 30th anniversary of the Western Livestock Journal. You have developed a paper that has been invaluable to the livestock producers of the Western states. I enjoy reading your comments along with the other information in the Journal.—C. W. Hickman, University of Idaho, Moscow.

It’s Been Good to Him—

A FRIEND of mine mailed to me the article and pictures about your 30th anniversary in the publishing business out here, but I hardly recognized you (Nelson Crow) without your hat and pipe. I need not add my personal congratulations and sincere good wishes for 30 more years of continued success and all the good luck there is as you have probably been inundated with similar good wishes.

Personally, I feel honored that I have from time to time over the last 12 years contributed my bit in your columns and have been a constant booster for the Journal, because, heaven knows, its ad columns have been good to me.—Fred B. Stonerod, Placerville, Calif.

Definite Success—

I WISH to congratulate you on finishing the 30 years in publishing your paper. For several years we have been enjoying your Western Livestock Journal and we especially await with

AT SUNNYBROOK SALE—Going over the catalog at Sunnybrook Farms’ 1952 production sale, held recently at Lincoln, Calif., are M. H. McDonald (left), Western representative for the American Hereford Assn., and the L. W. Gardners of Coquille, Ore.

Photo by W. J.
For the best, buy leather!

What's that got to do with the price of livestock?

In a fine leather shop you see an important livestock product being made into beautiful, useful articles - saddles, boots, gloves, handbags, luggage, belts. It's interesting to watch the craftsmen at work ... and if you raise livestock you have a double interest. The demand for leather affects the price of hides and pelts. And the value of these by-products has a direct bearing on the market value of the animals you sell.

Hides are but one of the many important by-products that affect the value of your meat animals. There's wool and pelts. Edible fats and lard; inedible fats for making soaps. The all-important glands which are the raw materials for the production of insulin and ACTH, adrenalin, liver extract and other life-saving medicines ... The uses of livestock by-products in our everyday lives make a list that is almost endless.

Once many by-products were wasted. But today we have a story of victory in our constant war against waste. It's a story of the creation of values where none existed before ... a story of adding values which help you producers realize better returns from your meat animals. We continue to search for better ways and means of using "everything but the squeal." In Swift's Research Laboratories, and in other privately financed and government research organizations, the work goes on. Here's one example of the "pay-off": older folks may still remember when blood, bones and scraps went into fertilizers. Now, thanks to scientific findings, they have much greater value to producers as animal feeds.

In this way they help farmers and ranchers get higher feeding value out of their grains and roughages ... and thus realize better returns from the meat animals they sell.

In our livestock-meat industry, the most important job is to produce and distribute meat and meat products. The fact that by-products are of value helps us do the main job economically. That's because by-products pay the cost of many essential services Swift performs in marketing the meat animals you raise.

Meat, By-Products — and You

Many things affect livestock prices. Some more than others. So, to understand some of these factors better, let's take a look at what has happened recently.

First thing we discover is a substantial increase in slaughter. September, October and November, for example, have shown 174%, more beef slaughtered in federally inspected plants than in the same fall months of 1951 ... also a 26% increase in lamb. Pork was down 21.4%, but overall there was 7.1% more meat to sell!

Next, let's look at wholesale prices. For example, in September, October and November the prices we got for wholesale beef sank way below the prices we received a year earlier. These price decreases varied from $4.40 a hundred pounds on choice beef to $13.59 a hundred pounds on commercial cow beef. That means that wholesale prices were well below ceilings. Complicated price control regulations during this period continued to hamper normal distribution and merchandising procedures ... prevented needed flexibility so essential in marketing increased supplies.

And that's not all. There's been a slump in by-product prices, too. Currently the price of hides has been about 17¼¢ to 20¢ a pound — down from a high of 39¢ to 40¢. Tallow at 5¾¢ was the lowest October price in twelve years. The drop in variety meats alone (that's hearts, livers, etc.) is enough to make the average 1,000-pound "Good" grade steer worth $7,10 less. Altogether, those by-product price declines make such a steer worth $13.27 less on the hoof than twelve months earlier.

That's how it adds up — more meat to sell, at lower wholesale prices — also, more by-products, at far lower prices. And therefore lower prices for livestock; and, as you know, the price you receive for your livestock is governed by what the meat packers can get for the meat plus the by-products.

DROUGHT AFFECTS WINTER FEEDS

by Dr. A. J. Dyer
University of Missouri, Columbia

Widespread drouth last summer and fall has produced a winter feeding problem for owners of breeding cows and ewes. *Rations are likely to be short in protein, phosphorus and vitamin A content. To overcome any such deficiency in the ration of breeding cows — which is essential to a healthy, vigorous calf crop next spring — there are several steps that should be considered: 1) Try to provide at least 5 lbs. of good-quality legume hay per day to each cow. The remainder may be low-quality roughage. 2) Give them 1½ to 2 lbs. of soybean, cottonseed or linseed meal, or a combination of these, for protein requirements. 3) Make a high-phosphorus mineral supplement, and salt, available free choice. Steamed bone meal will supply both phosphorus and calcium. 4) Five pounds of good legume hay, or 10 to 15 pounds of good corn or grass silage will provide the daily requirements of vitamin A needed by your cows. If your hay or silage is not top quality, a supplement high in vitamin A should be fed.

Ordinarily, when summer and fall pastures have been green, animals store up sufficient vitamin A in their bodies to last four or five months. In last year's drouth areas, this was not possible. But, by following the above recommendations, you may expect your cows to be in condition to produce normal calves.

*Similar principles apply to the feeding of breeding ewes in drouth areas. Rations should be supplemented to overcome deficiencies.

SWIFT & COMPANY
UNION STOCK YARDS, CHICAGO 5, ILL.

Nutrition is our business — and yours

Soda Bill Sez ...

Some folks going places step on the gas, others step up their diet grass.

FEBRUARY 1953

Page 23
"We find that PROMOL cuts our feed costs"

...say the owners of San Felipe Cattle Co., Gilroy, California

Frank J., Fenton and James O'Connell, breeders of choice Hereford and Angus cattle, and suppliers and feeders of high quality commercial cattle, are big users of Promol at their Gilroy feed lot. They have found that Promol can provide up to 40% of the protein required by the animals—as it does in any ruminant ration—and at lower cost.

PROMOL
CANE FEED MOLASSES AND UREA
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offers 3 important advantages:

1. Promol is a specially-prepared high protein-equivalent feed for ruminant animals—a mixture of Cane Feed Molasses and pure crystalline urea. Nitrogen in the urea is converted naturally into protein in the animal's rumen.

2. In addition, Promol furnishes all the highly desirable natural advantages of Cane Feed Molasses, such as readily available carbohydrates and palatability.

3. Promol will deliver to you at about one-half the cost of protein oil meals. This results in worthwhile dollar savings to you.

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Western Distributing Stations: LOS ANGELES HARBOR • STOCKTON • RICHMOND PORTLAND • SEATTLE • TUCSON
Accounting, Tax Aid—

I AM sending a check to cover the subscription to your magazine—Farm Management—for one year. I believe that it will help materially with some of the problems we have to face, especially in the field of accounting and income tax returns.

It looks as though we have the start of a pretty good feed year. Rainfall as of this date is way ahead of normal, as we now have 7.57 inches for the season with more coming down this very minute. The grass has gotten off to a good start, and should be sustaining the cattle in another couple of weeks.

I want to tell you how much I appreciated the assistance I received from Mr. Forrest Bassford while at the sale at Idaho Falls. He directed me around the yards so that I was able to see the bulls before the sale. This helped me materially in sizing them up and in contacting the owners about the bulls' breeding and background.

The bulls are doing fine, and are coming along as though they were raised on the place. I believe that they did not lose more than a week's weight or growth from their trip.—A. Dibblee Poett, Lompoc, Calif.

Charter Subscriber—

I HAVE had every copy of your wonderful Journal since its first publication and have promoted the interest your “Comments by the Publisher” column.

You have made a very definite success of your publications and have done this only because you have given your reading public something worthwhile.—Robert Lister, Primeville, Ore.

Cattlemen!

Here's Effective Protection Against Shipping Fever Lasting a Week and More with a New Long-Acting Penicillin Compound

INJECTION

BICILLIN*L-A

Benzathic Penicillin FOR VETERINARY USE

• One injection of Bicillin L-A produces penicillin blood levels in cattle lasting up to 9 days (as compared with levels lasting only 24 hours from similar dosages of procaine penicillin). Think what this means to you in real protection against shipping fever!

• A single Bicillin L-A injection of 3 million units has proved highly successful in treatment of pneumonia in cattle.

Be sure you ask your supplier at once about this new penicillin compound that saves you dollars, gives real protection.

Supplied: 1 cc. Tubex® cartridge containing 600,000 units, with 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.)

CONSULT YOUR VETERINARIAN AS YOU WOULD YOUR PHYSICIAN

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Since 1900 thousands of dairymen throughout the nation have stood by SECURITY, and SECURITY has stood by them. Contains B12 and Antibiotic Supplement (Source of Aureomycin) and liberal amounts of the vitally necessary stabilized Vitamin “A.”

TRY A PAIL TODAY!
Results guaranteed—or your money cheerfully refunded.

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ARTIFICIAL BREEDING HOW TO DO IT YOURSELF!

You can borrow a copy of this valuable book... FREE!

At last there is a medical guide for treatment of farm animals that is scientifically accurate, yet written and illustrated so plainly that many of the tasks that formerly required a Veterinarian can now be done by the farmer. For example, in the chapter on insemination, read how to get semen—how to test for purity—how to store—how to ship—how to inseminate. Learn how to get prime stock at low cost by breeding twenty to thirty cows from one ordinary service—how to breed from young bulls too small to serve—how to protect from diseases. This is only one chapter of the 284-page book that Louis Bromfield has said “no farmer should be without.”[17]

Other chapters give you exact and simple instructions for diagnosing all the diseases of farm animals. They show you how to tell one disease from another—even when symptoms are similar—which are curable—which are not—and what to do to prevent other animals from being infected. A 230 illustrations show you exactly how to give medicines. Nothing like it ever before. Almost a quarter million copies already sold.

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SACRIFICIAL SUCCESS—

For many years I have been a reader of your interesting and valuable Journal. Your magazine is recognized as a leading one in its field and I want to congratulate the editors for their constructive ideas for the promotion of the livestock industry.

The thing that urges me to write to you is the idea of marketing the stock on consignment, which you have mentioned at various times in your recent issues. I happen to be a fruit grower in the prolific Yakima valley, than which there is probably none greater, California valleys excepted, no doubt, and I raise a herd of registered Aberdeen-Angus cattle. My remarks are specifically to fruit; they may apply to cattle.

Different Expressions. Our American system has grown up under an atmosphere of what we call individual enterprise. In the marketing of farm products, we have developed many different expressions of individual enterprise. The common factor in all appears to be competition and profit. Whether the marketing system be initiated by a farm sale, a buyer, commission firm, auction, or cooperative organization or other method, this common factor holds good.

Now we have a method known as “handling to grower’s account.”
method has been used for many years as one method of handling the movement of local fruit. The grower turns his crop over to a firm to handle. The firm renders many necessary and vital services. It may haul, grade, pack, refrigerate, ship, sell and render store, marketing services between the grower and the wholesale market—and sometimes beyond to the ultimate consumer.

In this area some of the most reliable firms and the most progressive growers may use this method of moving a crop, and it may be mutually satisfactory. The firm handles all of the accounting, returning to the grower the proceeds of the account less all charges growing out of the handling, including of course a profit to the handler.

Is there then any objection to this method of marketing?

Financial Risk. It is important to keep in mind that with this method the handler assumes a minimum of financial risk. He does not buy the crop. He makes a profit on the warehouse operation. He makes a profit on the storage (this item is often the most attractive single item). He charges a profit on either the unit safe or on a percentage basis.

I do not state nor imply that these profits or margins are excessive or illegitimate. I simply state that the producer assumes the risks and the handler assumes little risk; the handler is practically guaranteed a profitable operation under normal operating conditions, while the producer's returns are what is left after all deductions are made, with no margin of profit figured at any step along the way. And these returns may come months after the harvest.

Here is the crux of the matter. How can a cash buyer or any dealer put his money on the barrel head for

**Caldwell's**

**PL-2 Power Lift Rotary Brush Cutter**

Our PL-2 model (power lift) Rotary Brush Cutter fills the needs of farmers and ranchers owning power lift tractors. Equipped with our S-2's famous 57-inch Spring Steel Blade, it will cut and shred brush up to two inches. Row crop residue—cotton, grain, etc., and weeds and grass are cut in a single pass. Cutting range adjustable from driver's seat. Timken Tapered Roller Bearings, Blood Bros. Universal Joint, machine cut steel gears—a quality product in every way. See your dealer or write.

**E. L. Caldwell & Sons**

**Corpus Christi, Texas**

**SAVE valuable calves, cows, foals with E-Z Puller**

Here is the sure way of safe delivery of calves and foals. Constant, steady pull assures safe delivery without harm or injury to mother or calf. Pays for itself in the first use. Recommended by leading vets and livestock men as the best instrument and versatile tool available.

**ONE MAN OPERATION**

E-Z Puller is one man operated...simple to use. As efficient on the range as in the corral. Works without tying or staking the mother and in standing or lying position.

**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 Sales and Supply, 4617 Washington Street, Denver, Colo.**

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

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**February 1953**

**HEREFORD SALE TRIO**—Pictured at the 1952 California Hereford Sale at Modesto are (left to right) W. V. Peter- son, who showed the champion pullet bull; Auctioneer Charles Adams, and Alex McDonald, who exhibited the champion horned Hereford at Modesto.

*Photo by W.J.*
Proper Soil Preparation Is Important for Flood Irrigation

Farmers and ranchers should realize the importance of thorough seed bed preparation before planting permanent pastures; the finer the seed bed, the better the stand. However, many do overlook the importance of planning out the high and low places inside of each check to prevent the high places from being too dry and the low places from being exceedingly wet. Too much side slope within the check will cause the same trouble. The upper side of the check will be too dry and the lower side too wet. The check should never have more than one-tenth of a foot side fall, and, of course, it should be level cross ways, if possible.

We have also heard a wide-spread opinion that permanent pastures should have narrow checks 12 to 16 feet wide. Why this check plan exists, I do not know. The only reason for making narrow checks is to correct a side fall condition; then, of course, narrow checks save moving a lot of soil and skimming off the fertile top surface on the upper side of the check.

If the soil is not sandy, but is of a loam or heavy texture, long checks, about one-fourth mile (1320 feet) are best, providing the land is not flat. Long checks must have some grade; at least two-tenths of a foot grade to each one hundred feet in the length of the check usually gives the best results. If there is a sandy soil or flat land condition, the checks must be shorter and have more fall to prevent the use of excess water.

There are many factors to be considered when planning the field; such as the volume of the irrigation stream, texture of the soil and the slope of grade of the land.

You may be interested in obtaining our free 32-page booklet, Evergreen Permanent Pastures. This booklet explains how to make greater profits from a crop if his competitor does not? If a man has his money in a deal, he will do his best to make a profit on the operation. His quoted prices will be at a figure to move the product and still leave some margin. The dealer who is handling to grower’s account—having bought no crop—does not have a price to maintain; he can therefore readily quote a lesser price to get the business and can continue to do so indefinitely until the cash-buying competitor is squeezed out of the market.

Final Result. Then the cash buyers, in self-preservation, are forced into the same marketing system. The final result is the extinction of the cash buyer, the loss of a cash market, and the tendency to make the producer a pawn in the production and marketing structure, instead of a foundation stone.

Is this the thing we are coming to in the great livestock enterprise?

In conclusion, let me say that this method of selling may be desirable in itself if it does not become more than a competitive factor. I feel that if it becomes a major, or the sole, marketing method its success will be at the sacrifice of a profitable livestock industry. Our livestock associations should consider this matter to guarantee that such sacrifice shall not be made.—D. R. Canfield, Granger, Wash.

Grass, Legume Seed Output Reported Generally Larger

A total of more than 445 million lb. of 19 kinds of hay, pasture, lawn and winter cover crop seeds was produced in the United States in 1952, the U. S. Department of Agriculture reports. This is 28% larger than the 1951 production and 22% more than the 1941-50 average.

Record crops of crimson clover (27,870,000 lb.), hairy vetch (63,800,000 lb.), common ryegrass (86,000,000 lb.), perennial ryegrass (7,200,000 lb.), Chewing's fescue, (4,610,000 lb.), and tall fescue seed production of 12,000,000 lb. is above average. White clover (5,715,000 lb.) and ladino clover (11,726,000 lb.) are slightly below last year’s record crops.

Austrian winter pea, lupine, common and Willamette vetch seed production are below average but above last year’s production. Redtop, sudangrass, smooth bromegrass and crested wheat seed crops are below average and below last year.

Seed prices are reported below last year except for orchardgrass, redtop, sudan-grass, smooth bromegrass and crested wheatgrass.

It’s Only Natural
By M. B. NEEL

Patented moisteners, I eschew For stamps and envelopes with glue; Fastidious folk, be not offended, If I use my tongue as nature intended!
Insecticide Injections Tested
As Way to Control Parasites

Injections of insecticides are being tested in Oregon to discover their possibilities in the control of common external parasites.

Entomologist A. W. Linquist with the Oregon Agricultural Experiment Station in cooperation with the USDA Bureau of Entomology and Plant Quarantine, is searching for ways to save the millions of dollars of meat and milk lost through insect pests each year. Linquist states that the research is still exploratory and has not advanced far enough to consider practical use of the chemicals tested.

Linquist says that in the preliminary investigations, when five insecticides were tested, lindane alone was effective against deerflies and mosquitoes when injected under the skin of cattle. Once injected, the lindane is carried through the bloodstream to all parts of the animal’s body, so that a fly or mosquito piercing the animal’s skin is dosed with the insecticide.

Lindane injections killed deerflies feeding on cattle within eight hours after injection, and continued to kill a high percentage of the pests for as long as two weeks. Mosquitoes were controlled on two animals, and between 60 and 70% of those feeding from the treated blood streams were killed 18 and 21 days after injection.

Lindane-injected cattle also were kept free from horn flies, although no precise data were obtained by the entomologists. Thirty days following the injection, only an occasional horn fly was observed in the 5-acre field where the cattle were pastured.

WASHINGTON DELEGATION—This delegation of Ellensburg, Wash., commercial cattlemen turned out for the 1952 Grand National in San Francisco. Left to right are Mrs. Alan Rogers, Mrs. Ralph Allen, Rogers and Allen, watching steer judging event. Rogers, a widely known cattleman, is a member of the Washington State College board of regents and a past vice president of the American National Cattlemen’s Assn.

Creep-Feeding
PURINA Paid

$891 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%.

Upgrading and extra weight of creep-fed calves averaged $8.91 extra labor profit. Average return per dollar invested in creep feed was $1.94.

These results show averages from tests run on ranches across the country. If you follow our Program you should get equally good results. So creep-feed your calves the Purina Way for these extras . . . eliminate a lot of your Commercial and Utility calves. Ask your Purina Dealer for creep rations best suited to your own operation. See him soon . . . at the Store with the Checkerboard Sign.

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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.

TRIO OF BUYERS—Among those present at ringside and buying in the first annual production sale held recently by Sunnybrook Farms, Lincoln, Calif., were the Danna brothers, Pete, Tony and Doc (left to right) of Danna & Danna, Hereford breeders of San Jose, Calif. The brothers bought one of the sale’s top females and claimed top female in Crowe Hereford sale.

Photo by WLJ

Research Shortage Holds Back Agricultural Output

Unless the level of agricultural research is raised considerably by new knowledge, agricultural production and development will be held down, according to Dr. Byron T. Shaw, research administrator of the U. S. Department of Agriculture.

The best way to increase farm production for the future is through increased output per acre and per animal unit, Dr. Shaw declares. Increased yields, however, depend largely upon research discoveries that will break through present ceilings.

Research has opened up new frontiers for farm production particularly with the major crops and livestock products such as eggs, milk and meat. In most cases, production with experimental crops, flocks and herds has leveled off in recent years, and Dr. Shaw expects farm production to level off likewise unless significant new discoveries are made.

The nation is depending upon agricultural research workers to break through the ceilings established by present knowledge so that farm production may continue the upward trend begun several years ago.

He suggests two ways of doing this: (1) by increasing the quantity of research and (2) by improving the quality of research. It is for the farm people, farm leaders and the public at large to determine if the quantity of research shall be increased. Scientists themselves are responsible for the quality of research and improving the quality means more attention to fundamental studies. It is through this kind of research that the really big discoveries are made—the kind that lead to the greatest gains on farms, Dr. Shaw states.
In person and by letter we got in touch with hundreds of cattlemen and asked them about their results on Larro 32% Cattle Supplement (now replaced by Larro SureCATTLE 32). The replies printed here are typical. With Larro SureCATTLE 32, developed and proved at Larro Research Farm, you, too, can enjoy the safety, the peace of mind, the economy, the PROFIT that comes from feeding the Larro Way.

"I've been a rancher in the Sandhills for over 50 years and have fed Larro cake for the last 13. Larro has proved to be the best cake for wintering cattle. Cows have no trouble calving and always have enough milk."

JAKE HERMAN, Lakeside, Nebr.

"I have fed Larro for over 12 years and am certainly satisfied with my results. My cattle all eat Larro better than any other cake I have fed. Cows have plenty of milk."

H. O. NEAFUS, Antioch, Nebr.

"I feed Larro every day of the winter... until grass. My calves are stronger, cows clean immediately after calving, and they have an abundance of milk."

J. A. SIBBETT, Hyannis, Nebr.

"My cattle just seem to winter better and take to feed on grass quicker when they are wintered on Larro."

RUFUS GREEN, Duncan, Okla.

"We have been feeding Larro cake for 8 years and it is doing a fine job furnishing the necessary requirements of protein to go with our hay and range in wintering our cattle. We heartily recommend Larro."

W. WOODROW METZGER

NEW LARRO SureCATTLE 32 has replaced Larro 32% Cattle Supplement

Ask your friendly Larro Dealer or write General Mills for latest information on how you can benefit by feeding this truly great cattle supplement.

"Over a period of years I have used many prepared feeds for my cattle and find Larro most desirable. Everything I have fed it to has come through in a very thrifty condition. Larro is the most palatable feed I have ever used."

IRWIN V. RICHARDSON, Marcus, South Dakota

"Cows and calves do a lot better on grass during the summer if they are wintered on Larro 32% Cattle Supplement and hay."

CLARK J. LAMPORT, Britton, South Dakota

"We have fed Larro 32% Cattle Supplement since 1935. We feed an average of 2 lbs. per day per head during the winter. Last year we fed 400 head. Cows wintered good... calf crop best we ever had. Calves very strong. We don't think Larro can be beat."

BETTENBROCK BROTHERS, Kanopolis, Kansas

NO EXTRA MINERALS NEEDED WITH LARRO SureCATTLE 32

Larromin, General Mills' exclusive mineral formula, supplies all the minerals cattle need for sound condition. Feed Larro SureCATTLE 32.
New Insecticides Prove Fatal To Various Resistant Insects

Seventeen years of research resulted in the development of allethrin, a chemical insecticide which proved devastating to mosquitoes, flies, and other insects. Although harmful to humans, a fly or mosquito flying into an aerosol mist of allethrin is paralyzed and knocked down in mid-flight.

The new quick-acting, synthetic chemical insecticide has been widely used by the army against malaria-carrying mosquitoes. Recently the manufacture of allethrin exceeded any needs and has become available to the public. This highly potent insecticide is effective against a wide variety of insects including the body louse, cattle lice, chrysanthemum aphids, foxglove aphids and the tobacco moth.

Another insecticide has been attracting wide attention, particularly in mosquito-infested areas. Mosquitoes resistant to DDT were noted in California in 1948, only two years after DDT came into widespread use. Other insecticides were substituted for DDT, but in many cases mosquitoes became resistant to the new compounds.

Experimental use of California's phosphate compound, EPN, to control mosquito larvae resistant to hydrocarbon insecticides such as DDT proved highly successful, according to USDA entomologists. About one ounce per acre of EPN applied by plane or ground sprayer, gave almost complete kills on resistant larvae.

EPN is highly toxic to man and other warm blooded animals, if improperly used, and thus recommendations for its use depend upon safe usage procedures, USDA officials say. Experience indicates that EPN can be used without hazard if applied by persons experienced in the use of mosquito control insecticides. EPN's effectiveness at extremely low dosages—as little as 7/10th of an ounce per acre—is an important factor in its safe use.

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 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.

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HE KEEPS THE BEST—Marshall Ashburn of Heady & Ashburn, Phoenix, Ariz., looks over bull weaning calves age by age, with several of his new bulls. He keeps feedlot gains on the bulls, and markets those that do not sire good doctor calves.

Photo by WIL
Use of Fertilizer Cuts Food Bill in America Considerably

The food bill of America would be at least one-third more than it is at present if farmers were not able to use any commercial fertilizer for their crops, the California Fertilizer Assn. reports. Dr. Herrell DeGraff, food scientist on the staff of Cornell University, Ithaca, N.Y., recently said that “without chemical fertilizers and what they add directly to our supplies of food, we could not possibly have our present high-quality diet and all the other advantages of the average level of living enjoyed today.”

“If as a nation we had to devote more effort to producing food, not only would food be less plentiful and more expensive, but also we would not be able to produce other goods and services as we do at present.”

Dr. DeGraff went on to say that without fertilizer American farmers could maintain fewer livestock, and our agriculture would be less well-balanced. In place of meat our people would have to consume more direct crops such as beans, corn and wheat.

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Entirely NEW through and through!

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Chevrolet's lower in height, with long, flowing lines to give you the newest look in cars! Beautiful new interiors are richer, roomier.

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New automatic starting and passing range gives you flashing getaway, greater passing ability in city driving.

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You go farther on every gallon of gasoline! You save on operation and upkeep! And Chevrolet is the lowest-priced line in its field.

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Easier, safer control. Greater visibility with new, one-piece windshield. Finer brakes. It's the safest Chevrolet ever.

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You go farther on every gallon of gasoline! You save on operation and upkeep! And Chevrolet is the lowest-priced line in its field.

*Combination of Powerglide automatic transmission and 115-h.p. "Blue-Flame" engine optional on "Two-Ten" and Bel Air models at extra cost. (Continuation of standard equipment and trim illustrated is dependent on availability of material.) Chevrolet Division of General Motors, Detroit 2, Michigan.
How Will the Farmer Fare in 1953?

Farmers, as well as businessmen, are particularly interested at this time in forecasts for 1953. In October agricultural economists from all parts of the country attended the annual Agricultural Outlook Conference in Washington. At this conference the U.S. Department of Agriculture presented a forecast for agriculture in 1953 and also offered some advice on farm financing problems. According to the department's forecast, farmers can look forward to another good year in 1953, but they can not exactly sit back and relax.

In arriving at the forecast, it was assumed that there would be no radical change in the international situation and that weather conditions would be reasonably favorable. Total production of agricultural products in 1953 may reach the record level established this year, which is about 43% above the prewar 1935-39 average. Domestic demand for farm products is expected to hold up well next year as continued high levels of employment and consumer income are anticipated. Employment should be sustained by a further rise in national defense spending and continued large volume of business investment and construction.

The last half of 1953, however, should be viewed with some caution. A leveling off of defense expenditures, if accompanied by a slackening in business investment, could result in a decrease in overall business activity with a decline in consumer income available for the purchase of farm products.

Exports May Decline. Foreign demand for United States farm products is down from the record 1951-52 level of $4 billion, and it is expected that farm exports in 1952-53 may be lower by as much as 20%. The factors contributing to this decline are: 1) the continuing dollar problem in countries which constitute our principal markets and 2) more ample agricultural supplies in other exporting countries as well as in some of the importing countries themselves.

Another factor felt to be of some significance is recent protectionist measures taken by this country against some categories of foreign imports. This could mean curtailment of available dollars to purchase those U.S. agricultural products traditionally exported.

Prices received by farmers in 1952 averaged about 3% below 1951. Some further easing of prices will probably occur in 1953, particularly for meat animals and vegetables. Continuation of the present high level of demand, however, should prevent any drastic price decline for farm products, even if record production is achieved again.

Net May Drop. Farmers' gross income has been increasing since the end of World War II, except for a dip in 1949 and 1950, and reached a record high in 1952. In contrast to record gross income, the net income of farmers was 16% below the peak reached in 1947 and fractionally lower than in 1951. Steadily increasing farm costs account for this decline in net income. With continued high levels of production and with only moderate price declines forecast, gross income received by farmers in 1953 is expected to approximate that of 1952. Net farm income, on the other hand, is expected to drop by possibly as much as 5%, according to USDA. This forecast of a decline in net income reflects an anticipated further increase in farm costs, though at a slower rate, and somewhat lower prices.

With this outlook for 1953, no major adjustments for the farmer loom in the immediate future. Nevertheless, as the department of agriculture points out, this may be a good time for the individual farmer to re-examine his over-all financial position and his financing practices, as well as the efficiency of his farm production and market-
IN the Sacramento County hills at Michigan Bar—where white men first panned gold from the Cosumnes river in the days of '49, followed by the Chinese who reworked the ground and later by the gold dredges that ripped still deeper into the earth in search of gold—a fourth precious California crop is being harvested by an unusual partnership of men.

That crop can be called a golden harvest too, for the harvest is that of Hereford cattle for the nation's dinner tables.

The operation is governed by four families, all with the last name of Van Vleck. It is a partnership of father and son, brother and brother, uncle and nephew, cousin and cousin.

But the partnership embraces just four men: Orin Van Vleck, 76; his brother, Fred, 72; Orin's son, Stanley; and Fred's boy, Gordon. The sons are both 32.

Works Smoothly. The partnership works smoothly, with each of the Van Vlecks owning an equal interest and each carrying his share of the work—despite the fact that the sons would like to see their fathers take things easier.

"We've worked hard all our lives," Orin Van Vleck says, "and you just can't up and quit working while you're in good health. It wouldn't be natural. We like the cattle business and we like to work at it."

Orin knows what he's talking about when he says, "You know, there is nothing difficult about a partnership if everyone does his share."

Partnerships are not new to the Van Vleck family. "We have always had a partnership in our family," he explains. "We've been in the cattle business from about..."
Cattle crowd around hay wagon after being brought down from mountain ranges. They are held at headquarters before going on dry range.

- **This ranch, a community that grows and prospers under a 4-way partnership, is geared to an important task: beef-making.**

1895, when our father started raising beef cattle in Eldorado County. When Fred and I were young men we went into the business with him as partners. We came to the present home ranch in 1918 and remained partners until father died in 1930. Fred and I continued as a partnership until our two boys graduated from school in 1940, then we made it a 4-way partnership, and it has clicked off in fine style ever since.”

**Good Training.** Stanley and Gordon had excellent training for their partnership roles. From childhood they spent weekends, holidays, after-school hours and summer vacations working with the cattle and helping their fathers operate the ranch. Their teacher was experience.

Since the 4-way partnership was formed the ranch has shown a steady growth. The brood cow herd was brought up from 200 to 400 cows. The increased herd also brought the need for more land holdings. Back in 1940 the Van Vlecks owned around 14,000 acres, about half of which was in the vicinity of Michigan Bar and the remainder in the Eldorado County mountains.

Today the holdings total 10,000 acres in the vicinity of Michigan Bar, part of which is rented to neighbors. This year we sold 600 calves, which will bring the herd down to 750 cows. Next year we expect to increase the herd to 1,000 cows.

Here is a portion of the Van Vleck young stock that soon will be ready for marketing.
It's probably true that in 19 out of 20 cases the gentleman has overlooked a number of the hidden factors which make careful estate planning an absolute necessity today. Mere accumulation of wealth to provide safety for one's wife and a start for the youngsters is only the beginning.

There's an invisible mortgage that hangs over the estate of every farmer who reads these pages. There are elements in estate shrinkage that only an expert can foresee. The dangers of inflation alone must be safeguarded against, for they can defeat one's whole purpose.

Tax Toll. First, and by all means of greatest importance, is the terrible toll of taxes. That alone is enough to bite a sizable chunk out of our personal widow's mite, but it is only the beginning. There are from 20 to 25 other obligations which must be paid immediately at the time of our death. Take for example that "last illness" which most of us never consider: it can be a sudden and damaging blow to our estate.

These, and many other things, make it doubtful that some of us can really afford to die unless we have had some expert estate planning. The invisible mortgage on everything one owns becomes due and payable immediately. That is the sum of the cash obligations which become due upon death.

The record books are full of what both the man with a few thousand dollars and the rich man thought were well planned estate arrangements but which failed to provide for this big invisible mortgage. The late Frank Knox, Secretary of the Navy and publisher of the Chicago Daily News, gave his life to building a great newspaper that his family could carry on but left insufficient cash to pay this invisible mortgage. As a result, the paper had to be sold at a sacrifice to meet obligations.

Frederick C. Gruen, the watch manufacturer, left just $318 in cash to meet what turned out to be $194,272 in estate obligations. The record books are filled with such instances.

Common Mistakes. There are 13 basic (and expensive) mistakes commonly made in estate creation. If these can be avoided one can save the family a quarter to a third of one's lifetime accumulation. In addition to these the good specialist in estate planning knows of at least 200 methods of avoiding estate shrinkage and providing protection for the family. Not all are applicable to every estate, for the problems of each of our programs are different. The creation of adequate protection for the wife and children of one farmer may be entirely different from those of another on the very next section.

Generally, however, the following 13 common mistakes are applicable to all situations. Avoiding them will help to keep that invisible mortgage from destroying all we have given a lifetime of effort toward achieving.

Mistake No. 1 is to underestimate the value of one's taxable estate. The common conception is that $120,000 is the figure where estate taxes start. In most cases this is far from the truth; actually, they start at $60,000 and the average reader will be amazed at how quickly his estate can go beyond that $60,000 figure, as we shall see.

Joint Ownership. Too many of us underestimate what we are really worth. Too many of us believe that joint ownership with one's wife reduces tax obligations by half. It just isn't so. To really apply, the wife will have to prove that the joint ownership accumulation of assets of any kind whatsoever arose from her physical contribution of half of those assets. Just being a good wife and helpmate is not enough. For tax purposes the estate may not...

You're Richer Than You Think—

Prove It With This Chart

(Here are some of your assets subject to estate taxes)

1. Cash owned by you, accounts in banks, savings banks, etc. $——

2. Maturity value of life insurance on your life, and death benefits of accident insurance, if any $——

3. Bonds and stocks, approximate value (do not deduct loans, if any) $——

4. Interest in corporation(s), partnership(s) or personally owned business firm(s) $——

5. Real estate, approximate today's market value (do not deduct mortgages, if any) $——

6. Property in your home and on the farm (equipment, implements, furniture, rugs, silver, jewelry, automobiles, etc.) $——

7. Other assets such as mortgages, debts, claims, rights, royalties, patents, etc. $——

8. Value of crops in storage or in the fields $——

9. Expected additions to present assets from inheritance, trust funds and other sources $——

10. Anything else of value that you own $——

Total $——
W OULD you like to reduce your range livestock operating costs to what they were in 1939 and 1940? Would you like to see your range lamb weights at shipping time average 110 lb. and have a lambing percentage average from 125 to 150%? Would you like to see your weaner calves come off the range in the fall averaging over 500 lb. and a calf crop of 95%? Would you like to have ample grass during periods of low rainfall? Perhaps your range livestock program has attained these things, but if it hasn't, this story will tell you what one livestock operator in southwestern Idaho was able to accomplish by good management and a sound range conservation program. As Wesley Cruickshank says, "All you need to get started is determination, and a knowledge of how to feed your grass."

Cruickshank came to the Montour valley with his parents in 1911. His father ran about 7,200 head of sheep. In those early days, the native bunchgrass was stirrup high. The range was open and each spring there was a race to see who could get out first to the green grass. As this race continued, the grass and water started to dwindle, and the family pocketbook was also showing signs of over-use.

**Three Ranches.** In 1922 Wesley Cruickshank took over his father's livestock operation. He had 6,500 acres in the home ranch at Montour, Idaho, a ranch comprised, for the
ROY OWENS, a life-long Tehama County cattleman, probably has never paused long enough to think about the many activities—besides cattle ranching—that occupy his time. If he did the list surely would scare him into inactivity.

Born on a cattle and grain ranch in the northern part of Tehama County, Roy Owens has never known any other business except the cattle and sheep business. His 15,000-acre spread 12 miles west of Red Bluff, which is populated by more than 2,000 head of top quality commercial cattle, is recognized as one of the finest cattle ranches in the West. Until 10 years ago Owens operated a commercial breeding herd, but since then he’s been running steers and heifers. He trucks these to summer ranges in northern California and southern Oregon.

A quality-conscious cowman, Owens bought only the best of registered Hereford bulls when he was running a breeding herd on his holdings. The fact that he no longer operates a breeding herd hasn’t stopped him from advocating the use of top range bulls by fellow-cattlemen. Perhaps this is the reason that he from the outset has been a member of the Tehama County Cattlemen’s Assn. Bull Sale Committee, the organization that 12 years ago founded the now famous Red Bluff Bull Sale.

Owens is the proud father of a big family—literally and figuratively—of cattlemen. Five of his six sons are now in the cattle business and one daughter is married to a Modoc cattleman. Until this year Owens ran his operations with Craig, his youngest son. Craig is now in the U. S. Marines.

Owens is extremely active in all Tehama County livestock and community affairs. He served as president of the Round Up Assn. for 10 years. He served another long stint as a county director for the California Cattlemen’s Assn.

In 1931 Owens was one of a committee of five Tehama County stockmen that persuaded the University of California’s College of Agriculture to appoint its first brush burning inter-departmental committee, a move that touched off the state’s widely heralded (and occasionally damned) brush burning program for range improvement.
Alfred Kuhn's cattle feed along a 630-foot conveyor that contains fresh concentrates at all times. Roof offers protection from weather.

Alfred Kuhn's Recipe for Progress

Mix together a few important ingredients such as a liking for farming, a thorough understanding of livestock, a thirst for knowledge on livestock problems and how they are properly overcome, a willingness to accept new methods, and an astute business mind that can combine these things properly, and you have the correct recipe for achieving two goals—progress and success.

A man who had the faculty for combining these important ingredients is Alfred Kuhn of Franklin, Sacramento County, California. His is a story of progress and success, not just in terms of the fabulous numbers of stock that he reigns over, but in promoting modern feeding methods and the application of other advanced livestock knowledge.

Thirty years ago Alfred Kuhn as a 4-H Club boy ventured into the sheep game by raising 50 “bummers” lambs while in high school. It was his first taste of ranching and he liked it. He has continued to like it and today livestock people point to him as one of the biggest livestock men in California, for those 50 “bummers” have been increased to 45,000 head of sheep, 1,000 head of commercial cattle and 200 head of registered purebred Hereford cows.

**New Endeavor.** When Alfred Kuhn raised his first lambs ranching was completely new to him. He was reared in Omaha, Neb., and his father, who was a druggist, came to California with his family settling on a ranch at Corning. The money from his “bummers” and some bank financing made it possible for him to go into the sheep business in a much bigger way. He bought 800 old ewes, leased a 1,700-acre ranch from his father and raised his sheep flocks there for 11 years. At that time he moved to Chico where he ran livestock on leased ranches.

His astute business ability was well demonstrated when the depression started to close in on agriculture. He sold out and in 1930 furthered his education by traveling extensively in Europe with his mother.

**Irrigated Pasture.** The steps he took when he returned from Europe were destined to have a major effect on livestock raising in California. Looking around for new ventures in livestock he discovered that irrigated pasture was a new angle. Feed for his animals...
Grass was still thick and green in this Hamilton Meadows irrigated pasture when picture was taken in November. Taking a close-up look at root and growth conditions are Owner Art Hamilton (left) and E. E. Rowland, who is work unit conservationist for the Lewis County SCS.

**Water Can't Do the Job Alone**

Irrigation doubled feed capacity on this farm, but it's a success story that began before any grass was growing.

By WILLIAM G. SCHULZ

*Photos by Soil Conservation Service*

By putting in irrigated pastures we have more than doubled the feed capacity of our farm. When you have lots of good grass seven to eight months of the year, as we usually do, you've gone a long way toward solving many of your feeding problems.

The man speaking was A. L. (Art) Hamilton, well-known Aberdeen-Angus breeder and turkey grower. He was summing up the big gains he has realized from his extensive program of grassland fertility build-up, combined with the use of sprinkler irrigation, on his 600-acre farm near Chehalis, Wash.

His whole grassland-livestock operation, precision planned and laid out, got under way 10 years ago, and has gradually evolved to its present highly productive and profitable state. And just 52 acres of irrigated pasture serve as the hub around which the entire farming and livestock enterprise revolves.

**Grazing Gain.** Perhaps his greatest single gain from irrigation, Hamilton says, is the more uniform and lengthened grazing season. He now has an abundance of lush green feed—grass and clover—all through July, August and September, when ordinarily forage would be at low ebb. Sometimes grass silage and hay, too, are cut from these fields.

It's especially during summers with long drouthy periods that the farmer really appreciates irrigated pasture, Hamilton asserts. Last summer, one of the hottest and driest in years, was a good example. "But by having plenty of irrigated pasture, we're able to keep our cattle growing all during the drought," he says. "We never feed any hay while cattle are on grass."

Art Hamilton needs no introduction to cattlemen or turkeymen of the Pacific Slope. High caliber blooded breeding stock from Hamilton Meadows Farm have gone out to make a name for themselves in numerous other beef herds, both purebred and commercial, over the West. At consignment sales they can always be counted on to sell up in the top brackets; and at shows and fairs they have gathered in a handsome array of blue ribbons and trophy cups for their owner.

As for turkeys, Hamilton is one of the veteran growers and breeders of the Broad Breasted Bronze in the Pacific Northwest. He maintains a breeding flock of around 3,000 pedigreed hens, and, in addition, runs a commercial flock of about 10,000 young birds grown out for fall marketing each year.

**Conservation-Minded.** Not so well known, however, is that Hamilton is just as meticulous in his farming as with his cattle breeding and turkey production. In all phases of his agricultural operation, the accent is strong on conservation. Prior to 1942, in the hands of a different operator, the farm had been annually cropped to grain, and the soil had become badly depleted.

Since, 1942, however, it has gradually been revitalized and fertility restored. With the aid of Soil Conservation Service technicians a farm plan for the entire 600 acres was mapped out and put into effect in the spring of 1944. Hamilton's close consultant in all phases of the work from the start has been E. E. (Spud) Rowland, work unit conservationist in charge of the Lewis County SCS office at Chehalis.

It's grassland farming throughout. Even the 200 acres of grain grown each year are rotated from time to time with soil-building clover seed and hay crops.

The farm's cropland today embraces 52 acres of irrigated pasture (Hamilton started out with a mere 14 acres).
WOULDN'T you like two dollars back for every dollar invested? Gordon K. Baird, a commercial cattleman at Clovis, Calif., is realizing such returns on every dollar spent for creep feeding calves. In fact, if all benefits from creep feeding were figured in dollars and cents, the returns would top this figure.

"My weaner calves averaged 75 to 100 lb. more this year by creep feeding," Baird declares. "I also added two to three cents a pound to the selling price and increased the carrying capacity of the range by a third. Furthermore, the cows are in better breeding condition and settled to the bulls easier."

The calves are introduced to the creep as soon as they start looking for something to eat. This is at about two months of age, Baird says.

**Feed Formula.** The starting ration consists of equal parts of rolled barley and rolled oats, grown on the ranch; 10% of the total ration is Ful-O-Pep 32% cattle feed concentrate. No foundering difficulties have been experienced with this ration as long as the calf gets milk. These ration proportions remain the same until the calf is weaned and sold from the ranch as baby beef or goes to a feedlot.

The creep, a 16-foot-square stationary pen and movable self-feeder, is placed at the watering tanks. Salt is nearby for the cows and also is kept in the creep. Two openings 16 inches wide and 4 foot high—are provided at each corner of the creep. Calves are less leery of the creep when exits are readily available.

When starting creep feeding, Baird puts out just enough feed to last one day; as the calves get well on feed, a 4-day supply of feed is dumped in the self-feeder. This keeps the feed from being fouled by the cattle.

**Good Returns.** One hundred and sixty-five calves, most of which were dropped in October, November and December, were on feed. When sold May 15, the steers from older cows averaged 600 lb. and the heifers 505 lb. The over-all average, however, is under this figure because a fourth of the calves on feed were from heifers bred as yearlings. The gain was about 100 lb. more than if the calves had not been creep fed. This increase in weight was somewhat higher than the usual 60 to 70 lb. expected as the cool spring slowed early grass growth. This indicates even greater returns from creep feeding during poor grass years.

Calves consumed 20 tons of feed.
Achievement With Herefords

THE RO and OR brands on Hereford cattle have been the sign of a quality beef animal for more than half a century, and the same brand on a Quarter Horse has been the mark of a good one for almost as long.

Those are the brands of Arizona's Greene Cattle Co. and of its Mexican operation, the Cananea Cattle Co., both once the pride and joy of Col. W. C. Greene, the fabulous Westerner whose financial exploits, mining ventures and other free-wheeling ventures have been written up in sensational detail, to the neglect of his accomplishments as a pioneer stockman.

Greene probably did more than any other individual to bring good cattle to the ranges of southern Arizona and northern Sonora. Unlike many of his contemporaries, he worked and spent money not only to improve his cattle but also to keep his lands productive, to keep them well草地 over the years. His foresight is well illustrated in the splendid properties that today comprise the Greene Cattle Co.

Steady Stream. The quality and uniformity of RO range cattle stem from the purebred outfit in San Rafael valley, 20 miles east of Nogales, Ariz. From this ranch has poured out a steady stream of registered bulls for 50 years. They have gone to the vast Mexican ranch south of Naco, Sonora, to the Palaminas outfit near Hereford, Ariz., to the San Lazaro in the Mexican section of the Santa Cruz valley, and to the big division near Seligman — all branches of the Greene operations today.

The San Rafael de la Zanja ranch is an old Spanish grant that became the property of Americans in the early '80s or late '70s. Colin Cameron, a redoubtable Scotchman, acquired and managed the property and brought in the first Herefords about 1885. The bull and heifer which he bought from W. Morgan & Son of Irving, Kan., were dropped in 1884. He continued to bring in more purebreds (and he also imported a big draft of Shetland ponies) so that by the time Colonel Greene bought the place in 1902 the Hereford herd had a good start. In fact, Cameron was selling bulls off the place in 1900.

Greene had great vision. He saw with uncanny prescience many of the future developments in the cattle industry, one of which was the ultimate demand for uniformity and quality, a truism today but a not common perception in 1900 when numbers were what counted. All of the purebred operations at San Rafael were geared to those ends and the result was that RO range cattle became noted for their pea-in-the-pod similarity.

Show Winners. Only within the last five or six years have RO bulls become available to outsiders in any great degree. A company reorganization and the border situation are responsible. Today the San Rafael maintains a show herd that has stepped up near the top on the Western circuit. The firm has been strong in breeding pen-of-three classes and its carlot steer entries have won reserve at the Cow Palace and first at Phoenix. The carlot entries have been a cross-section of the commercial herd which also is maintained at San Rafael.

By RICHARD SCHAUS
Photos by the Author
Irrigated Pastures
Point the Way to Profit

The right amount of water and the right kind of seed... Those are two ingredients basic to any formula for changing acreage from marginal land to beautiful pastures for the production of beef-making herds of cattle. No one would deny that a step in this direction is a step of progress.

Ranchers along the lower base of the foothills fringing California's Mokelumne river between Lockford and Valley Springs, in San Joaquin and Calaveras Counties, are busy proving the formula. They are also demonstrating that the red soils of the lower foothills are just right for growing irrigated pasture, that leveling the ground is something they do not have to worry about and that watering with sprinkling systems provides all the moisture necessary for excellent pasture growth.

Brown to Green. Ranchers who are turning to cattle raising in this stretch of hills are marking a new step in progress, for they are turning dry, brown hills into verdant, nourishing pastures. They are converting land that was never good for anything but growing grain crops of 10 sacks to the acre—and which never sold for more than $50 an acre, even at top prices—into irrigated pastures that are increasing the value of the land many times over.

One man responsible for discovering that the red soils of the hills would produce good irrigated pastures is Kenneth Lane of Clements. Born on a small dairy ranch in the area, he spent many years growing grain and buying and selling beef cattle on speculation, and in 1945 decided to set up a commercial beef herd.

He set into motion the elements that eventually brought about interest in irrigated pastures in the area.

Others follow. When Lane started his cattle ranch in 1945 he planted 80 acres of irrigated pas-
LOOKING FOR A TOP

RED BLUFF
BULL SALE
FEBRUARY 5-6-7

300 HEREFORDS — 30 ANGUS —
75 SHORTHORNS

The Tehama County Cattlemen's Association is proud of its 11-year record—1100 buyers, more than one-half repeat buyers—3,357 range bulls selected, graded and inspected.

For catalog and information write —
Bull Sale Committee
Box 678, Red Bluff, Calif.

AMERICA'S GREATEST SALE OF
SERVICE AGE QUALITY RANGE BULLS

RANGE BULL?

STOP LOOKING
AND BUYING
IN THE DARK

Look at and buy range bulls where the consignments have been inspected, sifted and graded for buyer satisfaction. It's at Red Bluff where cowmen who demand quality buy. And here's why: consignments from 118 approved breeders from 8 states, service age bulls (many 2 years and over), Ranch inspected and sifted at Red Bluff for un-sound feet, legs and overcondi-
tioning, and graded for quality by experts at Red Bluff.

THEY'VE BEEN
INSPECTED,
SIFTED AND
GRADED BY
EXPERTS
in Sacramento County and the rest in Amador County; some 13,000 acres in Eldorado County and Sierra Valley in Sierra County; and 20,000 acres under private and government grazing lease in Eldorado County.

Mountain Operations, "The general program of the ranch is to start taking our stock to the mountains about June 1," Stanley Van Vleck says. "There they get fat on mountain grass, and we bring them down to ranges around the home ranch about Oct. 15 to Nov. 15."

The Van Vleck mountain operations indicate just how the partnership works. The yearlings, about 350 head, are taken to the properties in Sierra Valley at a 5,000-foot elevation. Gordon Van Vleck and his father have charge of that part of the mountain operations, and both families move right along with the cattle and live there until the cattle are trucked down in November.

Some 450 cows and the 2-year-old heifers and their calves become the complete charges of Stanley Van Vleck and his father. They drive the adult herd to the Eldorado County range, better known as the Tell's Peak range. It is located at elevations of from 5,500 to 9,000 feet and is 23 miles west of Riverton. The drives up

WASHINGTONIANS AT SACRAMENTO—Getting together at the California Polled Hereford Assn. Show and Sale in Sacramento last fall were these cattle people from the state of Washington. Left to right are Hugh Hunley, Colfax; Gene Foley, Colfax; Mr. and Mrs. Stanley Crocker, Goldendale; Jim Bridgefarmer, Goldendale; Hunley and Crocker were buyers in the CPHA Sale.

**Red Bluff, here we come!**

From that wonderfully productive herd that produced the Champion and High Selling Pen of 3 bulls at the California Show & Sale in Sacramento, Nov. 15-16, comes another pen of 3 bulls carrying identical breeding, identical quality for approval of Red Bluff buyers—the nation's most discriminating range bull buyers! Real Plato Domino 46th (Chubby) and X-D Trumode 28th sired these outstanding bulls going to Red Bluff, Chubby is by Real Plato Domino, 1940 National Champion, and is half brother to the world record priced Polled Hereford bull, Real Plato Domino Jr. This top breeding and performance is yours for the bidding at Red Bluff!

**GOVER RANCH - Anderson, Calif.**

W. C. (BUCK) GOVER
SHORTHORNs and POLLED SHORTHORNs

Synonymous with

SCALE
SUBSTANCE
SECURITY

Shorthorn and Polled Shorthorn bulls are solving the range producers' intensive search for seed that will guarantee additional scale, substance and secure extra profits.

THAT IS THE REASON...

increasing hundreds of commercial breeders are turning to Shorthorn and Polled Shorthorn bulls for straight and cross-breeding programs.

Buy them at

RED BLUFF

Feb. 6...1:30 p.m.

70 SELL in the great RED BLUFF BULL SALE. Shorthorn and Polled Shorthorn bulls. All of serviceable age. Be in Red Bluff for this foremost western range bull selling event, Feb. 5-7. Attend the grading of Shorthorn bulls at 9:00 a.m., Feb. 6, the sale that afternoon. For catalog and further details, write or wire, DON SMITH Sec., Red Bluff Bull Sale, Red Bluff, Calif.

American Shorthorn Breeders' Assn.

Dept. WLJ 7 Dexter Park Avenue Chicago 9, Illinois
and back are made about July 1 and Oct. 15.

"Our families go along on the drives," Stanley said, "and the wives do all the cooking. Believe me, we men sure appreciate it. They live at the mountain headquarters all summer."

Use of Plane. While Stanley participates in the drive both ways he does not spend all of his time on the summer range. After the drive up is completed he returns to the ranch, sees that Fred Cleveland, the ranch's only hired hand, has everything under control and understands the problems of irrigating the 75 acres of pasture, and then climbs into his 4-place sedan airplane and flies back to the Tell's Peak range. The air trip takes 35 minutes. It used to take him four hours by ground travel.

"There are a number of things about the ranch business in the valley that need attention during the summer," Stanley explains, "and those long, 4-hour trips used to cause things to be put off that shouldn't have been. But with the plane it is no chore at all to come down and take care of any matter that needs attention."

"The plane also has many other uses in connection with the business. We use it to count cattle from the air. That is the only accurate way of counting. We can check many miles of fences in a few minutes. If business trips must be made to the cities many hours of time are saved by flying."

Cowmen's Activities. To keep up on farmer flying, Stanley is a member of the National Flying Farmers and the California Flying Farmers. He was the latter organization's president last year. He is a former president of the Tri-County Cattlemen's Assn.

To keep up on what is doing in the cattlemen's world the four Van Vlecks hold memberships in the California Cattlemen's Assn. and the Tri-County Cattlemen's Assn. Gordon Van Vleck

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**TWO ACE ATTRACTIONS to...**

**RED BLUFF BULL SALE**

February 5 - 7

2 Summer Yearling Bulls

Big rugged bulls—and we do mean plenty of size for age and the kind that brings commercial cattlemen back year after year to buy more of our bulls for use in rough range country. You'll like our deep bodied, good boned and good headed offering.

You'll be getting championship breeding too—proof of ability of our bulls to stamp your calves with beef producing conformation. Both are sons of our potent Jeronimo's 500th—one a full brother to our reserve champion bull at Red Bluff last year and the other a half brother.

Also half brothers to champion sale bull at Cow Palace and Bakersfield this year and champion sale heifers at Ogden.

**RIVERMERE A-A RANCHES**

MR. & MRS. JOHN HERSHEY, Owners
REGISTERED & COMMERCIAL ANGUS

Mail Address: P. O. Box 7, OILDALE, CALIF.
Phone BAKERSFIELD, CALIF., 2-4370
Fred Spencer, Herdsman
UNIFORMITY IN PEN LOTS
REGISTER OF MERIT BREEDING
BULLS THAT WILL ADVANCE IN YOUR HERD
DOUBLE M BULLS AND PROGRESS

AT RED BLUFF—Selling 1 pen of five
and 2 pens of three

RS PRINCE ROYAL

These bulls have been on grass all summer and were started on grain in September. They do not carry excess conditioning. We have attempted to bring you a group of bulls well developed and ready to go into heavy service in your herd. Buy the Double M kind—front pasture cattle—middle of the road type—strong heads—easy fleshing—plenty of bone.

IRVIN MANN • IRVIN MANN, JR. • BILL McDONALD, Herdsman
PAT HOPPER • BOB HOPPER

DOUBLE M HEREFORDS
ADAMS & STANFIELD OREGON
Fred (left) and Oria Van Vleck discuss what they can do to improve capacity of their reservoir which irrigates part of pasture. The more water they can develop, the most irrigated pasture they get.

is chairman of the Sloughhouse Farm Bureau.

Irrigated pasture is more or less a new thing with the Van Vlecks. They now have 75 acres with a good covering of birdsfoot trefoil, ladino clover, alfalfa, orchard grass, dallas grass and domestic and perennial rye grasses.

They plan to add more as water becomes available. The present supply comes from a well that produces water for 45 acres and a 200-acre-foot reservoir that catches winter runoff water and irrigates 30 acres.

**Rotation Programs.** This summer for the first time all calves but 100 were weaned and held at the ranch and were run on the irrigated pasture under a rotation system. The practice was successful and will be repeated next summer.

An unusual practice of the Van Vlecks is a rotation system they use on the mountain ranges in Sierra valley and at Tell's Peak.

The ranges are divided into great fields. At the Tell's Peak range, for instance, there are four main fields and one 700-acre roundup field. Cows are moved from one field to the next as the summer passes and end up in the roundup field. They are thus given fresh feed five times during the summer, and no area is overgrazed. Working on this basis in the high mountains has one major drawback, but the Van Vlecks figure it is worth the trouble: 20 miles of fence must be put up each spring and taken down in the fall to keep the snow from running it.

**Other Pastures.** The pasture properties around Michigan Bar are divided into 23 units, each with a reservoir or flowing stream for stock water. Care is taken so the native dry land pasture is not overgrazed. One practice is to move about 150 head off in April to some lower Eldorado County property. This lightens the load and allows much of the grass to go to seed so new plants will produce the next winter.

About 250 tons of wild hay is cut

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**BE SURE TO SEE**

**HOY'S HEREFORDS**

at RED BLUFF

**WE'RE SELLING** 7 service age bulls in the Red Bluff Sale, Sat., Feb. 7. Two pens of three uniform bulls and an individual.

They're bred right! They're sired by TT ROYAL HEIR 38, WHR ROYAL DUKE 32 and MW LARRY ONWARD 4.

They're the rugged kind! Plenty of size, smoothness, natural fleshing and ample bone. They're the kind that have been producing money making calves for our customers for many years. They're out of cows that have been bred up for many years, the kind of cows that produce good weighty calves and take care of them. These bulls will produce replacement females for your commercial herd that will breed on. They're the real RED BLUFF type.

**HOY'S HEREFORD RANCH**

Northern California's Oldest Registered Hereford herd

A. B. HOY & SON
Box 688, Weed, California
Phone Weed 4171
Selling at RED BLUFF...

FEB. 5 - 7

5 BULLS

We are returning to Red Bluff with 5 more big, growthy sons of JB Royal Panama, the 1948 Red Bluff champion. One of the few bulls at that show ever to grade a straight One.

Buyers of our last year’s consignment report approval of our bulls.

See our consignment again at Red Bluff.

R. H. & Nettie FIELD
CENTRAL POINT, OREGON

If you want proven performance and championship breeding, don’t miss...

8 bulls we’re taking to RED BLUFF - FEB. 5-7

We’re consigning eight sons and grandsons of WHR Victory Princeps, sire of last year’s Red Bluff champion and the champions at Ogden in 1951 and 1952. Here is that good Real Prince Domino and WHR Proud Princeps 9th breeding right down the line.

WHR PROUD PRINCEPS 9th
His powerful blood carries on at Star Valley.

STAR VALLEY HEREFORD RANCH
George C. Miller & Son, Glenn
THAYNE, WYOMING

One mile east of U.S. Highway 89, the road to Yellowstone National Park.

Wild hay at the Van Vlecks’ Michigan Bar headquarters ranch is sprayed with molasses after being spread on ground for feeding. Cattle being moved from mountain ranges to dry ranges around the home ranch will eat it more readily and become accustomed to dry feed.

from the meadows on the home ranch ranges and about after 50 tons from the irrigated pasture. This hay is fed the cattle when they first come down from the mountains and until the ranges produce sufficient new grass.

Sierra valley meadows produce another 250 tons of hay. This is fed to the stock for two or three months and is sprayed with molasses to make it more palatable.

Breeding Program. “The breeding program,” Gordon explains, “calls for producing a medium-sized, compact Hereford. We raise a good many of our own bulls. We like the Herb Chandler breeding from Baker, Ore., so he is the main source for bulls that we buy. Twenty bulls are run with the herd and their useful years vary, with the average being around four years, necessitating our replacing four or five bulls a year.”

The over-all program calls for breeding from Feb. 15 to June and for calving from the last of November to the middle of March.

Cattle are generally marketed in May and June with 2-year-old steers going out at from 1,000 to 1,100 lb. and heifers that are culled out weighing from 900 to 950 lb.

Ranch Community. Exemplifying the strong partnership of the Van Vlecks is the strength they have built into the buildings of the home ranch. The fences and ranch buildings other than the homes are painted red to stand the ravages of weather; all are strong and in excellent repair.

Those buildings and the five well-organized homes—one occupied by Stanley, his wife and two young sons; one by Gordon and his wife and son and daughter; the third by Orin and his wife; one by Fred; and the fifth by Fred Cleveland and his wife and three children—who form an active ranch community of 16 people who live and prosper under an unusual partnership that is geared to the production and harvest of a bountiful beef crop.
SEVEN RED BLUFF CHAMPIONS OUT OF TWELVE

That's right, Winterton breeding has produced seven out of twelve champions at this, the nation's top range bull sale. And we're coming back with more of the same breeding.

SELLING . . . 2 Pens of Three Bulls — 1 Pen of Five Bulls — 1 Individual Bull

AT RED BLUFF • FEBRUARY 5-7

We have plenty of heifers carrying that same good breeding for sale at the ranch. Buy one or a carload.

WINTERTON BROS.
KAMAS & ROOSEVELT, UTAH

ED NORMAN, Herdsman  WELDON SIMMONS, Asst. Herdsman  STERLING TREER, in charge of breeding herd
TWO GREAT OPPORTUNITIES
to buy
SACRAMENTO HEREFORDS
-16 HEAD SELL-
at Sacramento Feb. 1 & 2

(California Hereford Assn. Show & Sale)

- 1 2-year-old Heifer—by THR Flashy Domino C—This is a real top prospect. She was 2d prize summer yrlg. at the 1951 State Fair and 1st prize 2-yr-old at the 1952 State Fair.

- 1 pen of 3 2-year-old heifers—by PHR Larry 10th. Two with calves at side and one to calve soon.

- 1 pen of 3 yrlg. heifers—bred to Larry Donald 20, by MW Larry Domino 77.

- 3 Junior yrlg bulls—two by RS Royal Princeps 2d; one by PHR Jupiter 11.

- 1 pen of 3 summer yrlg bulls by GS Golden Dan 5th and THR Helmsman 10th.

- 1 junior yearling bull by THR Proud Mixer. This bull won his class at the 1952 State Fair.

- 2 summer yearling bulls by RS Royal Princeps 2d.

and -6 BULLS SELL— at
Red Bluff Feb. 5 - 7

- 1 individual bull by THR Flashy Domino C.

- 1 pen of 3 bulls by GS Golden Dan 5th; THR Helmsman 10th; and RS Royal Princeps 2d.

- 1 pen of 2 bulls by GS Golden Dan 5th.

SACRAMENTO HEREFORDS
GRASS VALLEY, CALIF.

Day Phone 33F2 Night Phone 120
T. H. RICHARDS T. H. RICHARDS, JR.
FRANCIS (BILLY) NORMILE, Mgr.
At Red Bluff we shall have two sons of the Pollock bred PHR Triumph 11th, 1947 California State Fair Champion; a son of TT Flashy Royal, noted Don Thornton herd bull; and a son of WHR Proud Mixer A by the famed WHR Princeps Mixer.

At Ellensburg: two sons of TT Flashy Royal and one son of PHR Triumph 11th.

At Spokane: three sons of WHR Proud Mixer A; one son of TT Flashy Royal; and a daughter of the J. F. Miller bred Dandy Domino, carrying the service of a son of TT Flashy Royal.

At Lewiston: a strong consignment of five good Staley Quality bulls.

We shall also have several good bulls for the Enterprise, Oregon, Wallowa County Sale.

LOOK for 7 of those beefy McArthur bulls again this year at Red Bluff — February 5-7

You'll find yourself some top bulls in those big, beefy McArthur Shorthorns. Stamped unmistakably with the top quality that has led the great Red Bluff Sale year after year, like the 1952 Champion Pen of 3 shown here. This is performance and breeding you can't beat. Sired by Rannoch Souvenir, Edelwyn Royal Leader 75th and Killearn Norseman 3d. Buy 'em at Red Bluff for satisfaction.

15 RANGE BULLS FOR SALE AT OUR RANCH

More of the same kind of "EXTRA POUNDAGE" Shorthorns also for sale at home. This McArthur quality breeding will add extra weight to your calf crop, improve milking qualities of cow herd and result in greater profit. Come out and see them.
NORMANDALE HEREFORD RANCH
Will sell 9 BULLS at Red Bluff

Year after year we have consigned to the great Red Bluff Bull Sale. This year we bring you 9 more bulls of the same type and high quality that have been so well received at all past sales. They are sons of these good sires: NH Duke Royal; NH Duke Triumph; Prince Triumph 1; CM Dom Donald 13 and CM Flashy Heritage.

You will get in these junior and summer yearlings, good heads, deep bodies, ruggedness and smoothness.

Come to PRINEVILLE, OREGON
MARCH 9, for our
Third Annual Production Sale
We are Selling---
35 BULLS-35 BRED FEMALES

Sired by a great battery of bulls such as—MW Larry Dom 58, son of the “50th”; Prince Triumph 1; NH Duke Royal; NH Duke Triumph; CM Dom Donald 13 and NH Royal Mixer.

The heifers carry the service of either HC Royal Larry 6, by MW Larry Dom 79 or RS Princeps 114, by WHR Double Princeps.

The bulls and females offered in this sale possess the best in bloodlines and were selected for type and quality to assure you herd-building seed stock. You can profit by being with us on sale day.

H. B. SAGER
Auctioneer

SHERM GUTTRIDGE
WLJ Representative

NORMANDALE HEREFORD RANCH
J. L. JACOB & SONS
Prineville, Oregon
BRUSH-UP — Jim Hantquin, Hereford breeder of Cozy Dell ranch, Paso Robles, Calif., brushes up one of consignments slated for annual Paso Robles Bull Sale. Photo by WLJ.

out of 100 Uncle Sam puts the full value into one's estate, and that's true of real estate, bank accounts, etc.

Figuring real estate and other assets at prices we paid for them is also wrong. Uncle Sam is going to appraise them at the time of our death and that's the value upon which the tax will be based. Appraising the farm at an old book value won't be accepted either. Just ask, "If I wanted to sell out today, what would be a fair asking price?" The answer will be the taxable figure.

Second Mistake. The second big mistake is to underestimate the death taxes of one's estate. An estimate made on the basis of today's considerations is never safe. We are all too well aware of the present inflationary trend. What if it extends even further after your death? Today there is a $60,000 estate tax base. Nothing is to prevent Congress from changing that to $30,000.

Underestimating or overlooking the other cash obligations of one's estate is the third big mistake. This includes all amounts which have to be paid by the estate independently from and in addition to death taxes. The expenses of one's last illness (which is usually prolonged and costly), funeral costs, compensation for an administrator or executor, fees for attorneys and accountants and appraisers, court expenses, accrued income taxes for that year, possible tax deficiencies for past years which may arise, unpaid bills, selling expenses for the liquidation of assets which must be sold to raise the cash for meeting such obligations — this is only a partial list of such generally overlooked expenses, all of which must be paid from the cash available in the estate.

From experience in actual practice we find that the total general cash obligations other than death taxes will
CONSIGNS 9 BULLS AT RED BLUFF

WE'VE SAVED THE BEST ONES FOR RED BLUFF . . . From the high-altitude of Nevada's Clover Valley come the top end of our year's bull production; bulls that have been properly conditioned to do a breeding job for their lucky buyers. Growthy bulls. Meaty bulls. Bulls with plenty of bone. Produced by a top herd bull battery, and out of an exceptionally uniform cow herd.

SCHUMANN BROS. WELLS, NEVADA

Consisting to the-
RED BLUFF BULL SALE FEB. 5-7

7 exceptionally good bulls, royally bred, to Red Bluff. Sires of the consignment are Super Real 8th and Publican Domino 211th.

Bulls with a solid and proven background of performance—in the show ring—on the range. Bulls that produce calf crops with eye appeal, sale appeal with weight and fleshing ability to match.

Registered Herefords VERL NORDFORS ANNABELLA, UTAH
ARIZONANS—Pictured attending Arizona's 1952 Yavapai Cattle Growers' calf sale are Orvil Hazelwood (left), a commercial Hereford operator in Yavapai County, and Keith Quail, secretary of the cowmen's group.

Photo by WLJ

amount to between 10 and 20% of the gross estate. Failure to foresee this is one of the most flagrant mistakes made and results in about 93 men out of 100 exposing their families to potential financial insecurity.

Examples. Here are some actual examples from public records: obligations, $92,587, cash available to meet them, $28,807; obligations, $107,529, cash available, $28,222; obligations, $160,852, cash available, $26,733.

When we have obtained a realistic estimate of our estate's taxable value and added this to the general cash obligations, most of us will be amazed at the total. If part of our estate must be sold to meet these obligations it will seldom bring a fair price simply because all potential buyers will know it is being put up under forced sale and will bid for it accordingly. When that happens a well-planned estate can shrink dangerously.

Mistake No. 5 is to overestimate the capital remaining after death. Only cash can be used to meet the death taxes and the general cash obligations of the estate. If all we have made available is so used up those we leave behind may have precarious going until income from investments starts to roll in.

Investment Experiences. Overlooking the loss of our investment experience is another mistake, for this can easily lead to capital losses through unwise investments. Provision for someone to supply this needed experience in case of emergency is wise. So also is it wise to provide that in cases of emergency capital assets may be sold to cover these emergencies.

Mistake No. 7 is to provide too little spendable income for one's family.

SELLING 1 PEN OF THREE BULLS AT

RED BLUFF
FEB. 5-7

THREE OF A KIND THAT WILL BE WINNERS FOR YOU—

These aces will score high in your herd. Two of these rugged bulls are by MW Prince Aster 11th and one is by Acehi Stanway 7th. Range raised, with rock-tough feet and lots of size for age, they are truly the kind that range men like. The active bidding on our bulls at recent sales shows the buyer's demand for good-doing Acehi bulls. We are dealing out only the straight aces at Red Bluff that will go places in your herd.

Our thanks

TO RECENT BUYERS OF ACEHI HEREFORDS—

Will Gill & Son, Madera; Reyes & Wegis, Maricopa; J. L. Shepherd, Porterville; R. L. Hughes, Porterville; Eisner Bros., Porterville; J. D. Axtell, Bakersfield; and Kenneth & Clara Montgomery.

F. R. & Evalyn Farnsworth
Owners
Stuart Cooper
In charge of sale bulls

ACEHI
HEREFORDS

Phone—White River 4F2
PORTERVILLE, CALIFORNIA
Read what Bob Lazear of WHR has to say about "weight for age" and the fallacy of "short legs!"

BULLS make the difference
SAFE BUYING GUIDES INCLUDE WEIGHT FOR AGE AND A REALIZATION THAT THE MORE BEEF THE MORE DOLLARS

By BOB LAZEAR, Cheyenne, Wyo., Manager, Wyoming Hereford Ranch

What do you look for, when you buy bulls for your commercial herd? The main idea back of this story is to figure out the connection between bulls and beef.

Our Interests — or the Packer’s?

The packer will tell you he wants the small, tidy animal because the city housewife wants a small cut of beef. That may be fine for the packer and his dollars; he's thinking of himself. Let us keep our own interests uppermost.

In the first place, beef cattle on the range live on the rough feeds, grass and hay, and other browse. It takes a large frame to consume and digest large amounts of roughages. Even in the feedlots the larger cattle eat more and make faster gains. Of course, we have to watch quality, and smoothness of fleshing and covering as well as capacity and growth.

. . . . Good bulls are the good cattlemen’s best resource for good beef. First, he wants scale and substance, together with quality. Many producers have said, “As long as you sell ‘beef’ by the pound, you’ve got to keep up the ‘poundage.’” Occasionally someone may say, “Just raise more of the small kind if you want more pounds.” Plenty of feeding tests have been made, both on the range and in the feedlots, and the answer usually comes up the same, the larger animals are the most efficient.

This means we want our bulls of the right kind. It takes a good strong-boned bull to support a larger-framed animal. He should be deep-bodied and strong-legged. So far, no animal production student has been able to determine any correlation between “short legs” on a beef beast and actual beef production. Usually, when we start putting abnormally short legs under our beef bulls we shorten up the frame in other ways as well, thus reducing our over-all size and capacity for feed.

We are selling 8 bulls at Sacramento on February 2, and 3 at Red Bluff on February 7. All are grandsons of either WHR Royal Domino 51st or Prince Domino Mixer, or both. All have "weight for age" and natural thickness to sire more beef for more dollars.

"A Bull That Looks Like A Bull"
Of course you want a bull that looks like a bull — masculinity and strength of character. After all he is responsible in his lifetime for a good many calves, and if he is to make them “in his own image” he must be the impressive kind that will build confidence in his ability.

Then we want thickness in our cattle, and bulls of this kind help out there; not the slap-sided kind, but ones with good well-sprung ribs. They don't have to be fat to show this characteristic; you can tell 'em when they're thin, too. There is such a thing as “natural thickness” — get that kind. Then when they do get fat, they'll look just that much better.

And get bulls that are uniform both in type and in breeding; both factors contribute to uniformity in their calves which all winds up in more uniformity in the end product. If you are one of the few whose cow herd is made up of big rough cows, don't think you need small, tidy, smooth bulls to give you more quality. It doesn't work that way. You'll get some big ones, some smooth ones, some rough ones, some smooth ones. Keep the size in your cows, but use bulls of good size, and be sure the bulls have smoothness and quality, and you'll get there faster. Sure, they may cost you more money, but it's like any other investment: they'll pay dividends.
During one's life every liquid $1,000 can be invested to yield $50 to $60 per year. After death those thousand-dollar units may well be reduced through death taxes, general cash obligations and liquidation losses to anywhere from $800 to $600. Then the widow can afford only conservative investments which will yield about $24 per year, and these are further reduced by income taxes.

Here is a good place to point out that all of these factors affect even the small estate that comes below the minimum estate tax amount. They are even more important as the gross amount of the estate becomes smaller, for then every dollar is of much more importance than it would be in a large estate.

Taxable Income. Providing too much taxable income for the family is the eighth mistake. Making arrangements under which the income must go to a certain beneficiary, even in years when the beneficiary has adequate income from other sources, is bad business. In such cases the income left by oneself is put on top of the other income and therefore becomes subject to the higher income tax rates, thus reducing the spendable income unnecessarily.

Mistake No. 9 is to overlook the second estate shrinkage at the death of one's wife. After lifetime accumulations have been drastically reduced by death taxes, general estate obligations and possibly liquidation losses, the remaining estate may become subject, at the death of the wife, to the same causes of estate destruction, for the second time, unless we plan ahead for this.

It is possible that the wife may survive by only a moment or two should both be involved in an accident. If but one minute differs in the time of death it can possibly mean that there will be TWO estate tax assessments against one estate. Avoiding this through provision that the estate goes to the wife only if she survives 30 days or any...

NYLAND QUALITY GOES TO RED BLUFF...

One of our quality range bulls sells Feb. 5-6-7 at Red Bluff. He is Royal Helmsman 54th by WHR Helmsman 56th and out of PHR Paladino 3d. This rugged bull was calved Nov. 23, 1950. Look him over at Red Bluff and you will see that he is an outstanding individual.
Consign

3 Choice Bulls to RED BLUFF BULL SALE
Feb. 5, 6, 7, 1953

GG Proud Prince 5.
Dam is a granddaughter of WHR Super Domino 46.

GG Proud Prince 4.
Dam is a granddaughter of Bocaldo Tone 16.

GG Proud Prince 51. Dam is granddaughter of OJR Royal Domino 10.

ALL SONS OF WHR HELMSMAN 95TH
He is a son of WHR Proud Princeps 9th, famous Register of Merit sire. The 95th is also a full brother of WHR Portrait, sire of WHR Star Picture 6th, 1951 International Champion.

ALL SONS OF WHR HELMSMAN 95TH
He is a son of WHR Proud Princeps 9th, famous Register of Merit sire. The 95th is also a full brother of WHR Portrait, sire of WHR Star Picture 6th, 1951 International Champion.

Selling at Red Bluff - Feb. 5 - 7
2 ANGUS BULLS
One is a February two-year-old son of Oxbow Premier Questor and the other is an April yearling son of Proud Questor.

You will like their good heads, smoothness, style and good heavy straight legs.

SMITH & NELSON
Rt. 1, Box 226
Walla Walla, Wash.

other period of time can save a double taxation.

Overlooking the possibility that one may survive the wife is another big mistake. Frequently plans are made which work out perfectly, if the wife survives the husband, but which create great hardship and unnecessary losses if the husband survives the wife.

Other Mistakes. Number 11 is to overlook the estate shrinkage at the death of children. Number 12 is to overlook the danger of future radical, social or economic changes. The last of this group of mistakes is to assume that a well-planned estate can be created without an expert's help. No farmer would call in his lawyer to plan his crop plantings regardless of how much agricultural law he might know.

We must constantly bear in mind also that the estates which must be paid are but one of the 19 reasons why our estate may have to pay our cash. Even the smallest estate will be confronted with a 20% shrinkage of cash just to pay such expenses, and this can well rise to as high as 35%.

A check of one's life insurance, which is a definite part of the estate, is always most advisable. We should find out if our policies have any features by which the taxable value might become higher than the face value, and if these exist we should have them removed. Also, whether the policies have any settlement arrangements which are useful in normal times but which might become financially dangerous in case of serious inflation or in case of war.

Partnerships. The nature of any business setup in which the farmer may have partnership investment also requires close examination. Fixing of the value of such partnerships by agreement prior to death is good procedure. So also is the provision of life insurance to pay off a partner's interest. There are times too when changing the nature of a business setup will have many advantages.

A check should also be made on

Between Classes—D. E. Alexander, Sr., and his son talk with William Sidley (right) of Encampment, Wyo., between judging classes at 1952 Grand National. The Sidleys donate the "Acacia" steer fitted by McDougal Livestock Co., Collinsville, Calif.

Photo by W. L. J.
LOOK — THE JENSEN BROS. CHAMPION AT
OGDEN . . . THERE'LL BE MORE LIKE HIM AT
RED BLUFF

REMEMBER THAT LAST YEAR
IT WAS JENSEN BROS. WHO
HAD THE CHAMPION AND
TOP SELLING BULL SHRED BY
WHR VICTORY PRINCEPS AT
RED BLUFF.

ROYAL PRINCEPS 17th

SELLING 8 TOP BULLS

We are taking half brothers to our Champion Ogden bull
to Red Bluff, Feb. 5-7. They are four outstanding sons of
WHR Victory Princeps and four excellent sons of Star
Princeps Domino, a son of WHR Victory Princeps. The
rugged, good doing kind that range men buy at Red
Bluff, carrying the championship blood of Jensen Bros.
breeding.

At Red Bluff you can buy from a herd that has made a
good showing at the seasons shows. A few of the top
honors are champion sale bull and champion female
plus champion pen of three at the recent Ogden Stock
Show. A Jensen Bros. bull also walked away with the
purple ribbons at the Southwestern Wyoming Hereford
Association Show in Kemmerer.

Ray & Van Jensen at Home Ranch
Marriner Jensen at Montpelier, Idaho

JENSEN BROS. LOGAN, UTAH
Consigning to the...

CALIFORNIA HEREFORD ASSN. Show & Sale
Sacramento, Calif., FEB. 1-2

One pen of 3 summer yearling bulls by TT Triumphant 23d.
One pen of 3 senior yearling bulls by Royal T. Triumph 6th, he by the great TT Triumphant.
Two individual heifers by TT Triumphant 23d. Heifers are bred to a son of WHR Princeps Reaper, Sunnybrook Farms' senior herd sire.

Our culling and grading program, in cooperation with the University of California, has added 80 pounds to the weight of our weaner calves. An improvement that is being passed on to you in a set of Herefords that have size, quality and natural fleshing selectively bred into them. Qualities that will mean satisfaction and profits to you.

Consigning 4 BULLS to the Nation's Foremost RANGE BULL SALE at RED BLUFF FEB. 5-6-7

This Red Bluff consignment is an outstanding one. All 4 bulls are grandsons of Donald Domino 26th. You'll see them in a pen of 3 and one individual.

All of these bulls are the TOP GAINING INDIVIDUALS in our feeding tests conducted here at the ranch in cooperation with the University of California.

CHAMBERLAIN ESTATE CO.

ED FJILENE

WILLOWBROOK FARMS
ELLENSBURG, WASH.

To Red Bluff we will bring
4 BULLS

To Ellensburg Sale FEB. 26
we will take 3 Bulls—2 Heifers

- Sired by: Sunny Triumph (pictured at left) and Bar 13 Carl 3
  They have the quality, bone, smoothness and size you want.

A. V. Harrel & Son (Paul)
investments could not be sold, time, within a few days. It may be possible to replace them with more investments or make arrange­ments for their sale ahead of death.

should also make certain that will contains maximum income tax benefits at the time of death and that the years afterward as well.

There is a great deal of difference between a will that is just legally valid and one that is both legally valid and financially practical. Drafting one that is both legally and financially practical makes the difference.

Percentages Vs. Dollars. One point we should also make certain that all contains maximum income tax

percentages/have a much better chance of supplying her what she will need.

3 of the foregoing are important, however, an entire volume of information would be added to further expand the lines presented, but we have space now to point out only one additional fact — you are richer than you

think again the assets that will be inherited into your estate and how their value will be determined. Not only will you find that estatewise he is richer than he thinks but that estate position is not as safe as he figured it to be.

The invisible mortgage to which we refer is ever-present and must be paid. It can be the forgotten mortgage whose forced payment will reduce otherwise safe estate to one which will prove to be more of a liability than an asset to one's wife or children. The farmer who has given his effort toward providing safety security for his family will have worked in vain.

New Alfalfa Types—

Various strains of creeping alfalfa increase greatly the yield of live­ stock on a sizable share of the 260

per cent acres of range, according to USDA Agricultural Research Ad­ ministration. The creeping alfalfas are brought from such foreign lands as Italy and Turkey. By combining these alfalfa strains, plant breeders produced some new ones which grow with the Great Plains grasses and provide additional nitrogen, now a limiting factor in plant growth. State

farmers are testing promising strain combinations approximately 20 Western states.

Which One?

By S. OMAR BARKER

Guards will shut up in closets, forming board into a wall—

she, the spouse in many a house—

she cannot be shut up at all!

Selling at Red Bluff

(Shorthorn Sale is Feb. 6)

6 Polled Shorthorn Bulls

at Red Bluff Bull Sale - Feb. 5 to 7

3 are sons of Alauna Collynie 20 x, by the Congress Champion, Alauna Collynie x

2 are by Glen Knolls Monarch 2 x

1 by Hilldale True Lad

We are bringing to Red Bluff 6 of those big, well developed, red and roan two-year-old bulls. They're easy fleshing with plenty of weight for age. They will solve your dehorning problem.

"Polled Shorthorns for the world from the World's Largest Herd"

HILLDALE FARMS

J. W. Bennett & Sons Oakville 269 Oakville, Washington

Selling at Red Bluff

BULL SALE-FEBRUARY 5-7

2 ANGUS BULLS

(Angus sell Feb. 6)

One March and one May coming 2-year-old sons of Emperor of Glen Urquhart 15’” 912787, not only the sire of high selling Angus at various consignment sales, but the kind of a sire that gives you uniformity in all his get. These two bulls are the herd improving kind with depth of body, wide and lowset.

RANKIN ANGUS FARM

HAROLD & ODA RANKIN

Hermiston, Oregon
10 BULLS TO RED BLUFF
Utah-bred quality—depth—hardiness

- 1 single by NHR Super Domino 28th
- 1 single by WR Duke 212
- 1 pen of 3 — by NHR Super Domino 28th
- 1 pen of 5 — by PHR Super Donald 26th

That rugged Donald Domino 26th breeding

All these bulls are in top condition for breeding. Good management, high altitude, mountain environment all combined to turn out Williams bulls that you will like better than our last year’s Red Bluff consignment. No bad feet. They’re big, well-grown, meaty junior yearlings.

ELWOOD WILLIAMS •
EDEN HEREFORD RANCH
P. O. BOX 163
OGDEN, UTAH

We had a great production sale...
But we saved one of those
good Crowe Bulls for RED BLUFF

He’s a double “Domino Prince” bull—a grandson of Domino Prince 2d and out of Domino Prince 5th cow. He represents the kind of breeding that made Crowe Herefords the “HERD WITH A RECORD.”

THEY SHOW . . . THEY GROW . . . THEY WEIGH . . . THEY SELL
And while we’re about it thanks to the following buyers who made our Second Annual Production Sale a Success.

John H. Trisdale
Rene C. Knight
Esther E. Clark
E. F. Asher
Beverly O. Bruce
Sutherland Dells
Eden Valley Ranch
Evel M. Briggs
Dudley-Parker Ranch
Abner McKenzie
Rolland T. Hunt
Anderson
Whitmore
Saratoga
Igo
Placeville
Coming
Williams
Willows
Gazelle
Red Bluff
Covelo
Emerson B. Edes
Hay Hereford Ranch
Aptos S & S Ranch
Deane & Donn
B. H. Neils
P. K. Zanoni
David Briggs
A. M. Hereford Ranch
Walker Hereford Ranch
Masonic Home
South Farms
Covelo
Weed
Aptos
San Jose
Redding
Petrolia
Willows
Palo Cedro
Creswell, Ore.

Buffman & Zaniboni
Live Oak
O. H. Devol
Gleen Cattle Co.
John & Leslie McNabb
Perry Opdyke
Jim Owens
L. H. Aven
Tommy Merritt
A. P. Gross & Son
Walker B. Aldridge
V. B. Farrell
CROWE HEREFORDS
JOHN and MARY CROWE
MILLVILLE, CALIF.
“LEM” ERNEST, Herdsman
most part of north-facing slopes. The elevation at the lower end near the ranch house is about 2,400 feet and climbs to 4,800 feet to the south. The soils are generally shallow and stony with a medium-textured surface. They are referred to as granitic. The rainfall is about 14 inches in the winter months.

Wesley also operates a ranch in the Brownlee-Banks area. It contains 8,500 acres and is about 10 miles north of the home ranch in high, rolling country with patches of big granite boulders cropping out all over. Some of the soil is medium-textured and deep, but generally it is shallow granitic material. This ranch is at a higher elevation, about 3,800 to 4,200 feet. The rainfall gets up to 20 inches in the higher elevations.

Cruickshank later bought a desert ranch 45 miles west of the home ranch and south of New Plymouth, Idaho. This ranch has 100 acres of plow land for raising winter feed and 6,800 acres of private and allotted grazing land. The area is low, rolling country, covered with sagebrush, cheatgrass and annual weeds. The elevation is about 2,100 feet and the rainfall averages nine inches.

Fencing. The year after he took over his father's ranch he started fencing the property boundaries. Many of his neighbors started the same year to fence their boundaries. Wesley said he had to fence to save what grass he had left. When the fences were in, there was still a race in the spring with the neighbors to the open range, and then a run back to the ranch when the grass was gone. With the boundary fences in there was some improvement, but the open range had been hit so hard he had to overuse his own ranges and they continued to go

SALE CROWD—Here's a portion of the ringside crowd which attended the 6th annual Staley Style Hereford Sale held at the Staley Hereford Ranch, Pullman, Wash., this fall.

8 of the BEST BULLS we've ever raised
—and they're going to the RED BLUFF SALE

1 Pen of 3; 1 Single by ROCALDO TONE 16th.
1 Pen of 3; 1 Single by MW PRINCE LARRY 39th, the bull shown at left, and sire of the Reserve Champion Pen of 5 bulls at Ogden, 1951.

HAWELEY
HEREFORD RANCH
Central, Utah
C. B. HAWLEY • GEO. B. HAWLEY Mailing Address: Richfield, Utah

C. B. HAWLEY
BIDWELL
HEREFORDS are a Good Buy!
★ See them at SACRAMENTO, FEB. 1-2
CALIFORNIA HEREFORD ASSN. SHOW & SALE
Selling: 3 FEMALES-4 BULLS
That rugged Hartland Domino (Herb Chandler) breeding
that top commercial men like so well.

★ See them at RED BLUFF, FEB. 5-7
Selling: 3 BULLS
Bred the same way. Big growthy cattle with plenty of bone
and scale. Breeding that's backed up with years of experi­
ence. Bulls that really perform.

FLOYD BIDWELL
CASSEL, CALIFORNIA

RUGGED BULLS for the RANGEMAN
Selling 1 Pen of 3 and 1 Single Bull at
RED BLUFF BULL SALE
Red Bluff, Calif., Feb. 5-7
Good headed, good boned, sturdy bulls of topnotch bloodline. All ready to go to
work. Their sound feet, good coats and strong legs are a result of plenty of exer­
cise on the open range where they learn to rustle for themselves. All sired by TT
ARISTOCRAT 5th, our proven senior sire.

TT ARISTOCRAT 5th
TT Triumphant
Fairholm Lass 58th
Real Prince 36th
Thornton Lady 18th
Lady Ultra Domino

WHR Triumph Domino 45th
(Registrar-of-Merit)

LOOK for us at SACRAMENTO, FEB. 1-2
Selling 4 Bulls at the California Hereford Assoc. Sale
Husky, hustling young bulls ready for range work and of much the same
breeding as our Red Bluff consignment.

FOURNESS HEREFORDS
James L. & Edda A. Fourness
Pleasant Grove, Calif.
This is the Cruckshank home ranch near Montour, Idaho. Wesley Cruckshank also operates a ranch in the Brownlee-Banks area and a desert spread near New Plymouth. The home ranch is made up of 6,500 acres, mostly on north-facing slopes, at 2,400-4,800-foot elevation.

downhill. He noticed that many of the draws that formerly ran water most of the year were drying up early in the spring. The snow was melting earlier and more of the water was running off.

In the late 1930s, a CCC camp was established by the Soil Conservation Service at the Black Canyon reservoir. SCS technicians were helping farmers and ranchers plan programs for their ranches and the CCC boys were furnishing some of the labor to establish some of the practices. Wesley knew he had to do something to improve his holdings, but didn't know exactly what. He did not believe any government organization could help him, but the fact remained that his operations were sick.

Take a look at Cruckshank's sales receipts from the old John Clay Livestock and Commission Co.; 1922—average lamb weight, 65 lb.; 1923—average lamb weight, 69 lb.; 1924—average lamb weight, 72 lb. By 1950 he had increased the average lamb weight to 81 lb., but most of the increase came from improving the quality of the ewes. The range was still going downhill.

Questions, Answers. One day a SCS range technician called on Wesley. He asked him many questions about his range and the range grasses. The technician gave Wesley answers that seemed to make sense and he agreed to let him make a range inventory. When this was completed, he learned that 85% of his range was in poor condition; the remainder was fair. A good share of the range was adapted to cattle because the fine understory grasses had been killed out, but the coarser bunchgrasses remained. Lack of adequate fencing and stock water forced stock to travel too far for water and to overuse areas around water. And about 3,000 acres of abandoned farmland needed reseeding.

This land was homesteaded after

3 of our Choicest Range Bulls go to

RED BLUFF BULL SALE

Red Bluff, Calif., Feb. 5-7

Three hardy range bulls in right condition to go out and work for you. These bulls carry Mossy Mischief and Leskan Tone breeding.

Shasta Valley Hereford Ranch
LEONARD L. SHELLEY • MONTAGUE, CALIF.

WE'RE SELLING

TWO ANGUS BULLS

at RED BLUFF, FRI., FEB. 6

These are well grown out, rugged bulls of the same heavy-boned type that have done well for us in our commercial herd. Both are just the right age for service. EVENITE'S REVELATION, calved March 26, 1951, by Blackcap Revelation M. 26, 1st prize senior yearling Portland and Ogden, Champion Bull on the summer show circuit in 1949. Out of one of our good cows by Evan Bandolier of Longview. FRANK OF TOY CREEK, calved May 29, 1950, by Admiral Dewey of Umpqua, going back to Guttridge Pride 91.

Our best wishes and greetings to you all at the

Red Bluff Sale!

SCOTT VALLEY ANGUS
CARL S. HAMMOND, ETNA, CALIF.
Consigning to the
RED BLUFF BULL SALE
FEBRUARY 5-6-7 . . .

FOUR TOP BULLS of Domino Prince breeding. Bulls raised at high altitudes. Bulls that will put good heads, more pounds, and more bone in your herd. Here are bulls as good as those we use in our own commercial herd, a herd which cattlemen call one of the best in the West.

W. H. HUNT ESTATE CO.
Palo Cedro & Bieber, Calif.

GEORGE HUNT
Palo Cedro

BOB BARTEL
Bieber

Spraying Problems?

Looking for a sprayer that chemicals won't damage—or a high pressure rig that doesn't cost a fortune? Ask about the low cost, powerful Continental Sprayer Kit that delivers 15 GPM at 300 PSI and pulls water 20 ft. Also available is an equally compact spray kit which easily handles whitewash and abrasive chemicals of all kinds. Just attach to any tractor PTO. Every unit FULLY GUARANTEED.

Write for complete details and low prices.

FARM and GROWER EQUIPMENT CO., Distributors

SAN JOSE, CALIF.

Please Mention Western Livestock Journal When Writing Advertisers

Selling at RED BLUFF

3 Bulls

One single and a pen of two

The individual bull is a son of TU Royal Domino 3, by OJR Royal Dam. 10. The pen of two are sons of Real's Dom. Lad 77.

Our bulls have always graded and sold well to the top in the many Oregon consignment sales.

For bulls of the easy fleshing, heavy made kind, look for these Hotchkiss bulls.

HOTCHKISS Co.

O. D. & Ethel Hotchkiss • Dick & Vera Hotchkiss

BURNS, ORE.

World War I. It was cleared of brush, then plowed and farmed to wheat for a few years. When the organic matter and fertility were gone, the wheat yields went down and the farmers moved out, leaving the land to be invaded by cheatgrass and weeds. Wesley had been watching these areas for several years, but they were not getting a bit better, even though protected from grazing. The technician explained that once the native grasses were plowed up and the area allowed to grow back to weeds and annual grass, the only chance for improvement was to reseed.

Wesley found this to be true. There is one area on his Brownlee-Banks ranch where a strip was missed while seeding one of the abandoned farm areas. Even today (10 years later) one can see right to the row where the grass seeding stopped.

Real Answer. Wesley doesn't think these abandoned farm areas will ever come back to perennial grasses without reseeding. However, if he has 10% of the native grasses left he can bring the range back by rotation and deferment. His program is to turn on the range after seed maturity two years straight. These two years he stocks heavy enough to clean up all the feed. The next year he defers the area all season. This gives the seedlings that the stock has planted by trampling during the previous two years a chance to get well established. After the third year he goes into a regular 3-year rotation deferment program. Wesley thinks this program of rotation and deferment—along with adequate water and proper placing of salt stations to insure good grazing distribution—is the real answer to range improvement.

In addition to the 3,000 acres of abandoned farmland recommended for reseeding there was another 3,000 acres
We're coming back to RED BLUFF!—with 11 HEAD of our TOP BULLS—for your approval and appraisal. Full brothers and half brothers of our 1951 Championship Pen below—and of our 1952 Reserve Champion Pen.

We are proud of our RED BLUFF Record—41 BULLS—Sired by Chandler Bulls—in the 1952 RED BLUFF Sale averaged $1,330.00

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

CHANDLER HEREFORDS
BAKER, OREGON

HERBERT  CHARLES
CONSIGNING to RED BLUFF

5 exceptionally good Bulls

Come around and see them. Their mothers are Tops from the original Baca Grant herd.

We're also consigning to these Sales:

LEWISTON IDAHO HEREFORD SALE
SPOKANE HEREFORD SALE

and

10 TOP RANGE BULLS go to the
TWIN FALLS-FILER IDAHO CATTLEMEN'S ASSOCIATION SALE

TT ARISTOCRAT 3d

WE ARE PROUD TO ANNOUNCE THE PURCHASE OF TT ARISTOCRAT 3d.

We acquired this 1947 proven son of TT Triumphant and grandson of Register of Merit sire, WHR Triumph Domino 45th for $7,700 at the recent Gilbert J. Peterson dispersion. TT Aristocrat 3d is out of a Banning-Lewis-bred cow. He was the joint property of Peterson and Matson Hereford Ranch, and has a good many outstanding sons and daughters in both herds. He will join our fine herd bull battery which also includes M&S Proud Mixer 2 who has been doing so well for us.

Congratulations to Kuhn Bros.

of Pomeroy, Wash., who have bought M&S Baca Elation 51st, sired by Baca Elation 14th and out of a WHR Reality 13th dam. He's a truly promising herd sire prospect that should do a worthwhile job for them.

M&S PROUD MIXER 2 5066473
1949 Portland P.I. Reserve Champion

MERRITT MEACHAM & SONS
CULDESAC, IDAHO

and MOXEE, WASHINGTON
of cheatgrass and weeds that needed reseeding. Then came the fencing needs. This called for 20 miles of division fences to establish 15 major grazing units and 15 small units. Wesley and the technicians worked out a 3-year deferred rotation system of grazing for five ranges of three units each. By following this system, one unit on each range was deferred from early spring to seed maturity once every three years. In addition, 37 springs and ponds and 45 salt stations were located.

After the plan was completed its success was left to Wesley Cruickshank. The program made sense and he started to put it into effect. His sheep numbers were cut in 1942 and more cattle were added. Crossfencing was installed and 23 of the 37 springs were developed. Forty salting stations were established (he now has many more than that). Wesley tries to have cut twice as many stations as he salts. When the stock starts overusing any area, he moves the salt to another station. This keeps grass around the stations from being overused.

Reseeding. Wesley started reseeding some of the abandoned farmland. It didn’t take him long to find that he had to eliminate cheatgrass and weeds to have a firm seedbed, and to put the seed in the ground at a shallow depth to get results. He got good results when he seeded an accidental burn on the home ranch. The area was burned in the summer after seed maturity but before the seed had fallen. He seeded that fall with a drill without any further seedbed preparation. An excellent stand was established. Wherever he seeded into the cheat and weeds the competition was too much for the new seedings and he didn’t get a good stand.

It didn’t take long, after the rotation and deferment program was in operation, to see a decided improvement in

NEVADA CATTLEMEN—Shown together at the Nevada Cattlemen’s convention recently in Elko are, left to right, Dale Reynolds, Elko, secretary of the association; Sam Hyatt, Hyattsville, Wyo., president of the American National Cattlemen’s Assoc.; Oren Boles, Contact, new president of the Nevada group; Fred Dressler, Gardnerville, immediate past president.

MEADOWMERE FARMS

consign to Red Bluff (ANGUS SELI FEB. 6)

2 Top Angus Bulls

One is a coming May two-year-old by Bar Eston 9th. Half brother of the high selling Angus bull at the 1952 Red Bluff sale. This bull has made 2.97 lb. daily gain on 7 lb. of grain.

The other outstanding bull is a coming March two-year-old son of Eston Blackcap 13th. He is a half brother of our 1952 Pacific International Champion Sale Bull (pictured). His daily gain is 2.41 lb. on 7 lb. of grain.

Here is a pair of bulls with lots of bone, good size, deep bodies and well covered. Fed in the open and not over fitted. They not only are good individuals but are of the same breeding as the champion breeding cattle and steers we are showing at all the Northwest shows and sales.

Lenhard Bros. Deer Park, Wash.
Look above! Look below! BULLS to make your herd look up!

YOURS FOR THE BIDDING AT RED BLUFF, FEB. 5-6-7

We're selling 11 of these rugged babies in the great Red Bluff auction. Big, deep, straight-legged, ready-to-go bulls like the son of SF Royal Mixer 38th pictured at the barn (above) with Herdsman Bill Johnson. And look at the uniformity below in sons of 38th as well as Publican Domino 36th. THE BEST WE'VE EVER OFFERED.

LOST RIVER RANCH

MABEL LISKEY

Route 2, Box 795

KLAMATH FALLS, OREGON
BERGEVIN HEREFORDS

Coming back to
RED BLUFF with

The best consignment
we have ever offered!

A PEN OF 3 BULLS
A PEN OF 2 BULLS

Sired by
and BHR Baker Domino

These are heavy boned—good legged—
easy fleshing bulls that will produce
money making calves for any cattleman.

CLEM BERGEVIN & SON (CLARO)

Walla Walla

Rt. 2, Box 509—Highway 410

Washington

To RED BLUFF—

4 Sons

of

HV Mischief Lad 3rd

A son of the great Willow Creek
Denver Sale topper, Junior Mischief.

Another group of HV Mischief Lad 3rds will be consigned to

CLERF LIVESTOCK COMPANY

John Clerf and Sons

KITTITAS, WASHINGTON

KAYO GARRITSON, Herdsman
HIGH SELLING FEMALE—Mrs. E. E. Webber of Spanish Rancho, Pleasant Grove, Calif., is shown at the halter of SVR Princess Domino 40th, champion female at the California Polled Hereford Assn. Show and Sale in Sacramento last fall. The Webbers bought her at the sale’s top price for females, $1,675, from Sierra View Hereford Ranch, Fresno. Spanish Rancho Manager Ben Clay Hill also admires the heifer.

SCHWISOW BROS. to RED BLUFF

Consigning 4 SONS of MARK DONALD 77

PEN of 3
and 1 INDIVIDUAL

They will hit the scales at around 1800 lbs. as two-year-olds. They are light in color, heavy boned, big, smooth, easy fleshing bulls.

MARK DONALD 77, shown at right, weight off range 1996 lbs. His sons averaged $1.304 in 1951; $1.330 in 1952.

MILTON & HARRY SCHWISOW
RITZVILLE, WASH.
Want SIZE... RUGGEDNESS... WEIGHT-for-AGE?

See the 6 BULLS we are selling
at RED BLUFF, Feb. 5-7

Carefully look over the son of MR Royal Domino 2, a double bred Prince Domino C bull, that we are selling as an individual. He possesses depth of body, thickness and weight for age. All the bulls will be two years old in February and March.

The F & F Cutter

designed especially for use with Ford and Ferguson
... three-point hook-up

3 Good Answers to Your CUTTING PROBLEMS!

The F & F Cutter

designed especially for use with Ford and Ferguson
... three-point hook-up

Two Row ROTOCYCLE
Cuts a full five foot swath. Mounts behind all makes of tractors, ready for that touch cutting job in a matter of minutes.

Four Row ROTOCYCLE
The cutter for large areas... with the Four Row Rotocycle you cut over twice the area, yet use only one Tractor and one driver.

All three cutters are of that quality in design and construction... the reputation enjoyed by all PERRY CUTTERS.
PRINCIPAL MACHINES ON FARMS
Now and Before Pearl Harbor

TRACTORS
1.7 MIL.
1.1 MIL.

MILKING MACHINES
210 THOUS.
220 THOUS.

COMBINES
220 THOUS.
446 THOUS.

MECH. CORN PICKERS
120 THOUS.
388 THOUS.

But he still remembers the days of poor calf crops, thin cattle and overused range. He likes to be a "grass hog" and spend only 30 to 60 days in the feedlot. He used to be in the feedlot 90 to 120 days. Not so long ago Wesley and his wife figured out that their operating expenses are no higher now than they were back in 1940 when labor, feed and other items were much cheaper. Mr. and Mrs. Cruickshank like to see the draws running water again and see their stock take top prizes at the Caldwell sales ring. But Wesley doesn't need any more cattle; being a "grass hog" has its rewards.

Anthrax Disease Outbreaks Reported on the Increase

Outbreaks of deadly anthrax disease increased among livestock in the nation during the past year, according to USDA veterinarians. Two unusual things are reported regarding the outbreaks—more cases occurred in less than usual, and several outbreaks in cattle followed vaccination.

Most outbreaks in hogs occurred in Iowa, Illinois, Indiana, Michigan and Ohio, heretofore considered free from anthrax. The disease was traced to contaminated feed in many cases. The outbreaks in cattle following vaccination occurred in Kansas, New Jersey and New Mexico.

A survey last year showed 483 outbreaks of anthrax in 113 counties in 21 states. A loss of 2,753 animals resulted. In 51 counties in 15 states the outbreaks showed up in places where anthrax had never been reported before. Seven victims of the disease were men, three of whom were veterinarians. Deer in Florida and mink in Wisconsin were affected also.

Veterinarians say more outbreaks involving more counties occurred last year than in any single year from 1943 through 1950. Their figures show that from 1945 through 1951, 1,141 anthrax outbreaks were reported in 35 states.

Losses during those seven years totaled 11,257 head of livestock.

WE ARE CONSIGNING to RED BLUFF

3 BULLS

that will look good anyplace.
They are sons of DONALD DOMINO 2, a grandson of Donald Domino 26th. 15 of his sons in Pacific Northwest Sales averaged $1,851.00.

Look us up when you get to Red Bluff

ROY C. LANGENHEDER & SON
RITZVILLE, WASHINGTON
80 SELECT HEREFORDS AT AUCTION
55 BULLS  25 FEMALES
FEBRUARY 25 at OGDEN, UTAH
ALL FEMALES MATED TO THESE FAMOUS SIRES PICTURED ABOVE
Sale location—5 miles southwest of Ogden Highway #89
BUY PETERSON QUALITY . . . AT OGDEN

ROYAL MIXER 28th

PB ROYAL MODEL 1st

MISS LARRY 41st

ROYAL MIXER 38th

LADY MIXER 23d

CHAMPIONSHIP
FEBRUARY 25

80 CHOICE HEREFORDS
HERD BULLS SELECTED — RANGE
BULLS AT THE SALE & AT PRIVATE TREATY—
FEMALES MATED TO PROVEN SIRES—
MW LARRY DOMINO 89th AND
LARRY G DOMINO 6th

30 CHAMPIONSHIP AWARDS IN '52
91 CHAMPIONSHIP AWARDS—13 YEARS

Proof of quality

BUY CATTLE OF THIS SAME
CHAMPIONSHIP QUALITY

FEB. 25 at OGDEN

PETE RSON BROS.
"HOME OF CHAMPIONS"

OGDEN, UTAH ELKO, NEV.

WRITE FOR
CATALOGS NOW

FE B R U A R Y 2 5

FOR LARRYS—MIXERS—ROYALITY
FOR TOP QUALITY

ROYALTY LADY 85th

LADY MIXER 18th

FEBRUARY 1953

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Page 81
ONE OF OUR PROUDEST WINNINGS OF THE YEAR

THE BEST 10 HEAD AT THE P.I.

LIST OF CHAMPIONSHIPS—

Portland—4, Cow Palace—2, Ogden—4,
Los Angeles—2, Elko—2, Reno—1,
and the Utah State Fair.

THERE'S A REASON THINGS LIKE THIS DON'T JUST HAPPEN!
They Tell Me...

by Don Wonacott

Farmers now do 17% less work and get 45% more output from their land than they did in the early 1930s.

Farmers and ranchers use more than 2,000,000 tons of livestock feed every year to produce fat that nobody wants to eat.

About 1 1/2 times as much meat was taken out of storage last August as during the comparable month in the 5-year period ending a year ago.

Farm production costs in the U.S. have gone up to $5.2 billion in the past five years, while net farm income has dropped $1.8 billion.

One fourth of all beef that reaches America's tables is from the shoulder cut, called chuck.

Stooping over a work surface 15 to 20 minutes will cause fatigue which may require 2 or 3 hours to overcome.

There was 85% more power machinery and equipment on farms Jan. 1, 1952, than the average of the period 1935-39. With the heavy buying in 1952, economists figure the amount on farms in 1953 will break all previous records.

Livestock insects can cause the loss of as much as one-half to three-quarters of a pound of beef gain per day.

One of the best ways of identifying cattle is through noseprints. Although nose-printing may be the most accurate means of identifying cattle, it's hard to believe that it will ever take the place of recognizing Old Molly's spots 20 rods from the barn.

A problem known as Johne's disease seems to be on the increase. It attacks both sheep and cattle. Its chief symptom is persistent scurrying and chronic wasting away of the animal.

They tell me that the three new and convenient pieces of equipment and machinery shown above are finding favor with ranchers. For name, address of makers write WLJ.

The booklet listed below are FREE to WLJ readers... offered by advertisers in Western Livestock Journal. If you are interested, check the booklets you want... mail the list to Don Wonacott—Western Livestock Journal, and we'll see that the right advertiser gets your request. Please include your complete mailing address with your request.

LIVESTOCK SUPPLIES... New catalog describing full line of supplies for livestock ranchers. Dencolo.

DEEP WELL TURBINES... Booklet describing deep well turbine pumps. Peerless.

SAMPLE AND FACTS... Information on inexpensive cover for stacked or baled hay, also sample of the cover. Sisalkraft.

PORK PROFITS FOR WESTERN RANCHES... Booklet covering complete feeding program for hogs; general management information and advantages of producing pork in the west. Pillsbury.

MC-47—THE MAGIC LIQUID... Complete facts on the way to improve the value of feeds and reduce feed mixing costs. Nootbaar.

ADVANTAGES OF QUONSETS... Information on the advantages of Quonsets for farm buildings. San-Steel.

ROLLER MILLS... Literature giving full information on rolling, crimping and cracking of feed grains. Peerless.

TRAILER MOUNTED PUMPING UNITS... Bulletin describing complete line of trailer mounted units. Berkeley Pump.

FEEDING FOR MARKET... Booklet giving helpful feeding facts on feeder cattle. Also deals with drylot and pasture fattening. Quinlan.

ALL PURPOSE RANCH BUILDINGS... Full details on a complete line of ranch structures. Made of steel, they are fire-resistant, quickly erected or dismantled, low in cost, negligible upkeep. Butler.

Power feeder box operates on power take off and is adapted for use on all tractors. Can also be used as feed mixer. Unloads from either side. Equipped with high speed Timken bearings. Snowco.

Irrigation with concrete pipe... Comprehensive booklet describing uses, installation details and various tips on system designs. Portland.

FARM PLANS... Farm plan catalog describes plans that are available for cattle, hog and poultry buildings plus other farm buildings. Douglas Fir.

FEEDING FOR PROFIT... Book which covers the many uses for cane molasses for animal nutrition. Pacific Molasses.

PASTURE AND RANGE LAND BOOKLET... Tells how to establish pastures and improve range lands. Northrup King.

THE HOG BOOK... Booklet describing common diseases and treatment of hogs. Also contains other facts on hogs. Colorado.

CATALOG... Describing a line of livestock supplies. Gives complete descriptions and prices on each item. Dencolo.

PIGSAVER... Information on brooder which helps overcome the loss in the early days of a pig's life. James.

PASTURE BOOK... Illustrated book telling how to grow more productive pastures. Germain's.
announces its

6th ANNUAL SHOW & SALE
RENO, NEVADA
MARCH 15-16, 1953

100 BULLS
10 FEMALES

Consignors:

Bragg, T. L., & Son, Fallon, Nevada.
Dangberg Land & Livestock Co., Minden, Nevada
Dressler, Fred, Gardnerville, Nevada
Herman, N. B., Rancho San Rafael, Reno, Nevada
Harris-Shipley, Reno, Nevada
McIntyre, T. M., Fallon, Nevada
Peterson Bros., Elko, Nevada, and Ogden, Utah
Pichler Cattle Co., Reno, Nevada, and Vinton, California
Reid, Glen, Wells, Nevada
Sauer, Leo, Reno, Nevada
Schumann Bros., Clover Valley Hereford Ranch, Wells, Nevada
Short, Jesse, Ruby Valley, Nevada
Windy "J" Hereford Ranch, Carson City, Nevada
Winterton Brothers, Kamas, Utah

Judge: HARRY PARKER
San Luis Obispo, Calif.

Auctioneer: COL. H. B. SAGER
Bozeman, Mont.

Sales Committee Chairman: GEORGE LEONARD, Carson City

COCKTAIL PARTY, SUNDAY, MARCH 15, 5 p.m.
given by the Mapes Hotel in the Nevada Room of the Mapes

President
FRED DRESSLER
Gardnerville, Nevada

Secy.-Treas.
JOHN E. HUMPHREY
P. O. Box 1282, Reno

WRITE NOW FOR CATALOG
NORTHWEST HEREFORD BREEDERS ASSN.  
Annual Sale... 
MARCH 4-5 • SPOKANE, WASH.  
OLD UNION STOCK YARDS  
"The Cream of the Northwest" 

CONSIGNORS 

Simon McDonald  . . Bannears Ferry, Idaho  
Mrs. Valley Smith & Son  . . Pottlatch, Idaho  
B. F. Collier  . . . . Colfax, Wash.  
Cee & Boylen  . . . . Stanfield, Ore.  
Elmer Blank  . . Rosalia, Wash.  
Fullerton Bros.  . . Priest River, Idaho  
Alderra Farms  . . Seattle, Wash.  
Price Herefords  . . Pomeroy, Wash.  
Herbert Chandler  . . Baker, Ore.  
Double M Herefords  . . Adams, Ore.  
Clem Bergevin & Son  . . Walla Walla, Wash.  
Mac Gwinn  . . Omak, Wash.  
Kirk German  . . Ellensburg, Wash.  
F. W. Richardson  . . Orofino, Idaho  
Staley Hereford Ranch  . . Pullman, Wash.  
Frank A. Riches  . . Buena, 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, Bannears Ferry, Idaho;  
L. C. Staley, Pullman, Wash.  

Larry Miller, Denver, Colo., Judge  
SALE MANAGERS  
Miller & Teale, W. 807 Shoshone Pl.  
Spokane 9, Wash.  

FEBRUARY 1953  
Page 85
Our Best Offering

IS BEING CONSIGNED BY THE LEADING HEREFORD BREEDERS OF THE NORTHWEST TO THE—
NORTH PACIFIC HEREFORD BREEDERS’ ASSOCIATION SALE

FEB. 22-23- ELLENSBURG, WASH.

80 TOP HEREFORDS
65 BULLS 15 FEMALES

Our 9th annual sale and it is going to be tops. The offering consists of some of the richest blood in Herefords. Consigned by noted breeders of Washington and Oregon. Be at Ellensburg, Feb. 22-23 and buy these good Herefords that will appeal to the breeder, rangeman and farmer.

SALE COMMITTEE
C. H. Roberts, Ocosta; L. K. Smith, Goldendale; Jim Milne, Fall City; A. V. Harrel, Ellensburg; Frank Riches, Buena; Bob French, Okanogan; J. C. Hay, Ellensburg.

H. B. SAGER, AUCTIONEER

Sale Managers—MILLER & TEALE, West 807 Shoshone Place, Spokane 41, Wash.
MISSOULA HEREFORD ASSOCIATION

5th ANNUAL

"TOP CUT" SHOW & SALE

FEB. 1 & 2 - MISSOULA, MONT.

Only "Top Cut" quality will sell. All consignments will be sifted before the show. THE SHOW is Sunday, Feb. 1st, at 12:30 P.M. Emil Rezac, Tabor, S. D. will judge the cattle. THE SALE is for Feb. 2, 11 A.M. H. B. Sager, Bozeman, Montana, will cry the auction.

500 HEAD SELL TUESDAY, FEBRUARY 3

250 Registered Hereford range bulls, cows and heifers. Consignments to both sales are from Association members and other top breeders in Montana and Idaho.

CATALOGS AND RESERVATIONS WRITE

MISSOULA HEREFORD ASSOCIATION

--- 19th Annual Spring Sale ---

LEWISTON HEREFORD ASSOCIATION

LEWISTON HerEFORD ASSOCIATION

Lewiston Hereford Association

Feb. 24 - 25

85 BULLS — 15 FEMALES

YOU will like our consignor's offerings of rugged, heavy boned bulls with plenty of conformation and type ... just the kind you will want to add to your breeding or commercial herd.

SHOW: 10 a.m., Tues., Feb. 24

SALE: 12 Noon, Wed., Feb. 25

JUDGE: C. W. Hickman
Moscow, Idaho

FRED RICHARDSON, President
Orofino, Idaho

AUCTIONEER: Herman Schwartz
Ferdinand, Idaho

J. H. THOMETZ, Manager
Lewiston, Idaho

H. M. Teel
Polson

Stanley Searce, Inc.
Ronan

C. K. Warren
Deer Lodge

Ernest Wight
Hall

Philip Winkley
Philipsburg

T-3 Hereford Ranch
Philipsburg

H. M. Teel
Polson

Stanley Searce, Inc.
Ronan

C. K. Warren
Deer Lodge

Ernest Wight
Hall

Philip Winkley
Philipsburg

GUEST CONSIGNORS

Eaton Becker
Wilsall

Fullerton Bros.
Priest River, Idaho

Sherman Purry
Tendoy, Idaho

Higgins Bros.
Ringling, Mont.

Idaho Selkirk Hereford Ranch
Sandpoint, Idaho

CATALOGS AND RESERVATIONS WRITE

WRITE -- Box 176, Missoula, Montana

MISSOULA HEREFORD ASSOCIATION

--- 19th Annual Spring Sale ---

LEWISTON HEREFORD ASSOCIATION

LEWISTON HEREFORD ASSOCIATION

LEWISTON HEREFORD ASSOCIATION

LEWISTON HEREFORD ASSOCIATION
pasture since cost of putting on weight while on pasture is only half of what it is in the feed yard."

**Yearlings.** This is what happens to the yearlings brought to the ranch in the fall—generally in October. Under the direction of General Superintendent Walter McKinley they stay on the irrigated pastures until around Dec. 20, the date varying according to weather conditions. Then they are penned up and fed a ranch-mixed concentrate of clover and alfalfa hay, barley, and cottonseed meal until about Feb. 15. Then as the pastures begin to revive they go onto the fields in small bunches.

During this time some 4,000 sheep have been on winter ranges on properties near Sloughhouse, Sacramento County; Clarksville, El Dorado County; and Roseville, Placer County. These sheep come down onto the irrigated pastures the middle of April.

Right at this point Kuhn kicks a stockman’s belief right in the face. It is claimed that cattle will not follow sheep on a range, but he says this is not true, if the cattle are put behind the sheep at the right time.

“We take the sheep off the pastures in the spring when there is still feed and just before the last rain or two,” Kuhn explains. “These rains freshen the pastures and the cattle get along nicely.”

**Supplemental Feed.** The cattle come down to the irrigated pastures in June when the sheep are sold. They go onto a supplemental feed on Aug. 1. This supplement consists of a concentrate of 3 lb. of barley, 10 lb. of hay and molasses, and 1 lb. of cottonseed meal. After 60 days on the clover and supplement the cattle are put in the ranch feedyard to put a finish cover on them.

**PLEASED WITH SALE—Owner Louis Franceschi (right) of Sunnybrook Farms, Lincoln, Calif., discusses offerings in Sunnybrook’s first annual production sale, held in December, with George Thomas, Thomas Hereford Farms, Glendora, Calif. Thomas subsequently purchased the top-selling female for $1,800. Photo by W.L.**

A 60-day period in the feedyard sees them receiving a concentrate of 37 1/2% cracked corn, 37 1/2% rolled barley, 25% cottonseed meal, and molasses. It is started at 8 lb. per head each day and is gradually increased until on full feed each receives 14 lb. a day. Added to this is a mixture of roughages totaling 37 1/2% clover hay, 37 1/2% alfalfa and 25% straw. When feeding hits its peak the roughage and concentrates total 30 lb. per animal each day.

**Gains.** While on clover the animals put on an average increase of 2 lb. a day, and while in the feedyard the gain varies from 2 to 2 1/2 lb. a day. Yard feeding is six times a day on a 630-foot-long conveyor chain feeder that keeps fresh concentrates before them at all times as encouragement to eat and gain more. The feed is mixed in a new 18-ton-per-hour capacity push button automatic weight mixing mill.

Cows bought in the spring are bought at a heavier weight and are worked into the program without a hitch. Sometimes they go direct onto the winter range and come off with the other cattle onto the irrigated pasture. Both fall and spring purchases are marketed in November, December and January.

**Foundation Stocks.** Besides the commercial cattle feeding setup Kuhn in the last few years has built up a fine 200-head herd of registered pure bred Herefords. The foundation stock came from the George Pollock and the Gold...
"THROW AWAY THE OLD MODELS! THEY'RE OBSOLETE SINCE WHR MADELINE 4th CAME ALONG. SHE'S WHAT A BEEF FEMALE SHOULD LOOK LIKE."

Major George Henderson, Utah State Extension Animal Husbandman
THEY ARE STANDING THE MOST IMPORTANT TEST OF ALL—

The Test of Time

STILL THE TOP LINE IN THE SHOWS, MORE THAN EVER TOPS IN THE PUREBRED AND RANGE BREEDING HERDS OF THE NATION

POPULAR AND DEPENDABLE-YEAR IN AND OUT

MILKY WAY HEREFORD RANCH · PHOENIX, ARIZ.
HEIFERS—COMING TWO-YEAR-OLDS . . .

• 50 BRED for SALE
Will weigh around 800 lbs.
All registered.
CHANDLER-WILLOW CREEK bred on both sides

HEIFERS—CALVES . . .

• 75 HEAD wintered good—for SALE
Bred same as those above.
All registered.
Vaccinated for shipping fever and Bangs.
If you will come to see them—you’ll like them.

HIGGINS BROTHERS, Ringling, Mont.
WALTER and ROSS
BREEDING FOR SIZE WITH SMOOTHNESS AND QUALITY AS LONG AS BEEF SELLS BY THE POUND

BEAU DONALDS • BELLE DONALDS

Beau Donald 13
at left in this photo
Champion and high selling bull at 1952 Top Cut Sale.
Purchased by Lloyd Rue of Broadus, Mont.

Belle Donald 46
at right in this photo
First prize summer yearling and high selling heifer at 1952 Top Cut Sale. Purchased by W. V. Bennett, Chico, Calif.

First Prize Pair of Yearlings, 1952 Top Cut Sale

May we take this means of wishing you a happy New Year and to thank all our customers and friends for making 1952 the best year in our 69 years of endeavor with this herd of cattle. We are very proud of the fact that 87% of the cattle sold during the year went to repeat customers, and our distribution was to 7 states and Canada. Your interest continues to prove our belief that our SIZE, fleshing and milking ability are more important than ever to the practical cow man.

To answer the question we are being asked most often these days, may we state: We have never had a dwarf or lethal calf produced in our herd and we cannot find where one has ever been produced by a bull or female bred by us. Regardless of the breed you are running, our Beau Donalds can help you if you are having dwarf trouble.

MISSOULA TOP CUT SHOW & SALE — FEBRUARY 1 & 2
YARD SALE — FEB. 3

May we remind you that there will be sold at these two sales over 100 females and 400 bulls. This could well be your best chance to secure a herd sire prospect, foundation females, or a carload of range bulls at prices less than you will pay when the grass starts. Mr. Emil Rezac of Tabor, S. D., one of this country’s eminent judges, will place the Top Cut cattle on Feb. 1. You will enjoy seeing him work these cattle.

Our consignment to these sales will be the best we have ever sent out. We have reserved 3 top herd sire prospects that we are really proud to offer and 2 top heifers from our replacement group. You will like them. We will also have 3 good bulls for the Yard Sale.

Our ranch is only a few minutes from Missoula and our entire herd is where you can inspect it at any time. A nice crop of 1952 bull calves will tempt you if you are thinking of herd sire possibilities.

DROP US A CARD IF YOU WOULD LIKE A CATALOG

Curtice Herefords • Stevensville, Montana
CHECKING SALE ORDER—Jack McKenzie (left) of Red Bluff, Calif., studies catalog as he helps Sale Manager-Auctioneer Howard Brown make out sale order of McKenzie Herefords that sold as part of recent dispersion of Tod Ford Hereford herd.

prises of Alfred Kuhn are somewhat more complicated than his cattle organization. Under his Circle K setup he has 4,000 ewes. They and their lambs are the ones that alternate with his cattle on the irrigated pastures and the winter ranges in Sacramento, El Dorado and Placer Counties.

The remainder of his vast sheep operations are centered in three companies in which he is in partnership with other men. These are Kuhn & Miller, in which the other partner is his brother-in-law, V. M. Miller of Sacramento; the Mills Livestock Co., in which the partner was the late William H. Mills who was killed in a plane crash at San Francisco in October; and the third is the Star Sheep Co. in Nevada, in which Theodore Belzareno of Imaly, Nev., is a partner.

The Star Sheep Co. is a unit of the Mills Livestock Co. Tom Watson, brother-in-law of the late William Mills, has taken charge of the Mills livestock interests. Vast Holdings. Between these companies and his private operations 80,000 acres of range land is owned in Nevada and California, 13,000 acres of which are in the Sacramento valley.

In the Sacramento valley 25,000 acres of land is leased. Deeded land and Southern Pacific land is leased in the amount of 75,000 acres, and 100,000 acres of forest service and Taylor Grazing Land feel the feet of the great flocks of sheep.

You can spicxe the progress and success formula with a few other special Alfred Kuhn ingredients, for he has the capability of delegating authority and hiring competent men to whom he turns over the details of much of his work. Besides being an excellent administrator he is also a top judge of livestock and a good buyer.

Those things mixed into the original formula just can’t deny a man a liberal serving of success and progress. End

PREPOTENT CHARBRAY BULLS
will increase the size of your cattle

HERE IS MAJOR, one of our leading Charbray sires, and three of his calves. This picture demonstrates prepotency far better than we could tell you. Major hit 2,000 lbs. at 28 months. Now weighs 2,100 lbs. in breeding condition at 4 years of age. Last year he sired 70 calves and was hand bred to over 100 cows this season. Calves here really grow out and gain remarkable weight for age. We have Charbrays at 18 months of age weighing 1,200 lbs.

OUR CHARBRAY cattle carry about 1/4 Brahman and 1/4 Charollais. The result is an animal that has...

FOR SALE NOW
YEARLINGS and TWOS
Send for our free brochure

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.

Consining 3 Bulls to
CALIFORNIA HEREFORD ASSN. SALE
SACRAMENTO, FEB. 1-2

Three outstanding bulls: LR DOMino 20 by NHR Nevada Domino 1 out of Rosalind Domino 1—SO FLASHY DOMINO C by THR Flashy Domino C out of Miss THR Cavalier 15—SO ADVANCE SETH 1 by Exmoor True Mold 7 out of Miss Advance Seth 11. They’re husky, deepset with plenty of scale. They can do the job for you!

RANCHO del SO-LO
SIL & LOUISE OLIVA
NOVATO, CALIF.
PAYROLLS UP, PORK PRICES DOWN—America’s meat packers are offering pork today at average wholesale prices nearly 21% lower than in 1947, while factory payrolls have increased 30% since that time. Although the cost of the basic product has dropped, retail prices have not declined in the same ratio because retailers’ costs of operation, including rent, labor, equipment and refrigeration, have increased.

ACHIEVEMENT WITH HEREFORDS

Continued From Page 44

RO uniformity starts with the replacement heifers. Marshall Hartman, the present manager, and Tom Heady, the former manager, put great stress on selecting the she stock for breeding — good heads, sturdy legs and well fleshed. The last is important because, as Hartman says, it indicates the probable inheritance of this trait by the heifer’s offspring and also indicates a cow’s ability to give plenty of milk to produce a robust calf.

Another thing that tends toward RO uniformity is the fact there is little introduction of outside blood into the herd. The San Rafael ranch is divided into 28 pastures with 35 to 40 cows to a pasture, each bunch served by one bull (the land is gently rolling and well watered). New blood can be infused from within the operation itself because it is all tightly controlled and quite large: Of course, outside bulls are purchased from time to time, mostly from Wyoming Hereford Ranch or from breeders who use a great deal of that breeding, such as Suncrest Hereford Ranch and Rancho Sacatal.

Bloodlines. In 1914 Tom Heady negotiated a deal with Henry Altrnae, the sagacious Dutchman who laid the foundation for WHR’s greatness. Heady bought a 400-head draft of WHR heifers. That would be a costly deal to duplicate today. About the same time Heady paid $600 and $400 for two Fairfax bulls, the 11th and 13th. Those were high prices for bulls in those days, at least in Arizona. The two bulls, both strong breeders, were used until they were 14 years old.

That same combination of bloodlines permeates the herd today. And just as Tom Heady kept complete records on the earlier operations, so does Hartman today. If a cow’s first calf is weak in some respect she changes pastures the next season. If results aren’t satisfactory then, she’s culled out. They try to get rid of all cows by the time they’re 12 years old. And they sell all their calves as yearlings, $1,000 a head.

In the upcoming show program that will be held March 9th, Greenfield Herefords will be represented by two bulls, GHR Karpes Duke 7 and GHR Karpes Duke 49. These bulls will be on display and available for purchase. Please consider joining the Register-of-Merit class with one of these Baca Duke 2nds.
by the time they are 10 years old, though an exceptional animal (like the cow that produces a top-selling calf every year, the last one selling for $1,000), is kept in the herd regardless of age. Right now there are 300 cows in the purebred herd, but not too long ago it was over twice that number. So records are important and are a big job.

In all matings, Hartman keeps one thing in mind in operating the whole program — the final result, the steer that goes to the butcher. What they want at RO is a steer that puts on flesh quickly and economically. To further that end some extensive installations are being put in at San Rafael for pen and pasture feeding of steer calves. When completed and in operation an accurate record of each animal on the ranch will be kept, from the purebred bulls at the top down to the way his sons' and grandsons' steer calves in the commercial herd put on flesh in the feedlots. The females' production also will be recorded. In that way only the best producers — from the angle of the feedlot operators — will be kept.

Additions. An irrigation system on some bottomlands next to the Santa Cruz river has been installed. Nearby some hay storage sheds are in the process of being erected. Here will be stored the surplus meadow hay and field crops. A pit silo will hold cut up forage and it will be mixed with molasses. The green ensilage from the native grasses yields a 14% protein content even after being stored.

RO grazing custom has been to leave a substantial surplus on the range, both to reseed the land and to keep a thick erosion checking cover so that there is no steady deterioration to a mesquite jungle. The result is that a

**GHR KARPES DUKE 40**

NOW—for the first time at private treaty—we are offering sons (and daughters) of the $65,000 Register-of-Merit Baca Duke 2nd. Including those pictured above. Fully developed. Ready for service. We refrained purposely from selling them as calves so that you could see exactly how these Baca Duke 2nds grow out. In type and conformation, and in breeding potential, this group forms, we believe, the best set of herd sires ever offered at private treaty on the Pacific Coast. Come and see them. You'll find just what you want in a herd bull.

**GHR KARPES DUKE**

10 miles south on Highway 99. You'll see the sign on the barn.
HERD IMPROVERS . . .

Some bulls and females are merely multipliers. But not Long Meadow Herefords. They're herd improvers. And this has meant more profit to both commercial cattlemen and registered Hereford breeders using Long Meadow bulls and Long Meadow females.

You, too, can further improve your herd with this breeding stock. Backed by the uniform Hazlett-Larry Domino 141st foundation. That foundation topped by such potent sires as MW Prince Domino A 13, Dandy Domino 96 and bulls in service of our own breeding.

And you know Long Meadow Herefords will do the job. They have stood the rigid test of cattlemen who come back year after year for more of this same championship breeding and type.

LONG MEADOW RANCH
Mrs. R. T. Wilson, Richard F. Wilson, owners . . . Jack Dew, Manager
PRESCOTT, ARIZONA

TT Royal Regent sons out of DeBerard bred cows going to—

★ LEWISTON HEREFORD SALE
Lewiston, Idaho
Feb. 24-25

★ NORTHWEST HEREFORD SALE
Spokane, Washington
March 4-5

Two bulls will go to each sale. Sons and daughters of TT Royal Regent have been among the top sellers for several years at Northwest auction sales.

FRANCIS M. SMITH
Rt. 2, Potlatch, Idaho

crop of meadow hay is cut nearly every year with no detriment to the range. Alternate strips are cut from the best areas.

Even with such fine natural feed the pastured cattle get extra feeding in the form of cottonseed meal and salt. The breeding herd, during the season and before, gets a Quaker Oats-bread meal. In addition, the bull in each pasture of cows gets a special grain ration — six pounds of barley fed to him out of a pan. The bulls get used to the man on foot and come right up for their ration. This extra labor also means that the cattle in each pasture get a daily check.

It all adds up to a complete cycle which enables the San Rafael operations to furnish a steady stream of bulls to other RO operations and commercial outfits to maintain a top-flight show herd. Ultimately it will lead to one of the most closely knit cattle operations in the country from the angle of production of fast, economical fleshing feedlot calves.

Outlook for Cattle Industry

"It is obvious that we have not reached the saturation point for cattle in this country, but it is not quite obvious whether we have reached the price peak," says Charles E. Hughes in Armour's Analysis, published by Armour and Co.

Hughes adds that "if we examine the relation of cattle prices to all commodity prices, we find that peaks existed in 1914 and 1929, and showed the typical characteristics of a peak in the period of 1943-45 which preceded the downturn in the price cycle.

"But demand had been artificially throttled by price controls, and their release in 1946 set up a force for expansion in the price relationship. Prices went up more rapidly than ever, although irregularly. Cattle price indexes declined from an index relationship of 193.3 to 150.7 in 1949, but rose in 1950 and 1951 to 179.7. On the basis of October prices, they have dropped 20 points, but when the election agitation quiets, cattle may follow their traditional policy of stabilizing for a time before resuming their cyclical trend.

"At any rate, with continued employment and with continued efforts in Korea, there is a demand that can use all the beef we can make under the guidance of experienced management on the farm and range, in the feedlot and at the packing house."

Strong, Silent Male
By S. OMAR BARKER

When men feel blue they hide their woe.
So it can't be detected—
Except by everyone they know.
As you may have suspected!
WATER CAN'T DO THE JOB ALONE

Continued from Page 42

under sprinklers in 1943); 75 to 80 acres of low-lying land, wet in spring but flood-irrigated in summer; the 200 acres in grain—wheat and oats—used for cattle and turkey feed; 50 acres in Kenland red clover and 30 acres in other clovers, all grown for seed and hay.

Stock operation. Hamilton runs about 200 head of registered Angus of all ages. These include the animals sold as breeding stock and his own herd. A few head—usually from 15 to 20 steers—are short-fed for 90 days each year as slaughter cattle.

When Hamilton talks of having doubled the feed capacity of his farm through the use of irrigation, he means much more than just putting on water—though that, of course, is the main part of the deal. Success with irrigated pastures, he explains, begins long before any water has been put on or any grass is growing.

"It begins with proper working of the ground, followed by careful preparation of a good seed bed, and firming down of the new seeding," he emphasizes. "These are vitally important as the first stage. As soon as a new pasture planting is up, we irrigate it to get it off to a good start. We usually apply 100 lb. of superphosphate per acre at the time of seeding."

Soil and Seeding. Land capability No. 2 is the rating given by the SCS to the soil on his place. This is a good, fertile soil. It runs predominately to a deep, silty clay-loam, and will hold lots of moisture.

Most of his irrigated pastures have

37 BULL CALVES
37 BULL CALVES
9 POLLED

20 HEIFER YEARLINGS
HORNED

AUCTION SALE FEBRUARY 20

PREPOTENT LARRY DOMINO 50th BREEDING PREDOMINATES
GIVE YOUR HERD A BOOST WITH TOP REGISTER OF MERIT BLOOD
ROCKY RANGE RAISED READY TO RUSTLE FOR YOU

Write for catalog

BIXBY RANCH, GLOBE, ARIZ.

Selling 3 Quality Bulls at the CALIFORNIA HEREFORD ASSN. SALE SACRAMENTO, FEB. 1-2

SOS—HEREFORDS OF QUALITY

SIZE TO MAKE WEIGHT FOR AGE
OVERALL BALANCE
SCALE — BONE — SUBSTANCE — RUGGEDNESS

We're selling SOS MOJAVE BEAU 20th, a proven 2½-year-old bull whose calves look mighty good. The other two bulls we're selling at this sale are summer yearlings. All sired by Mojave Beau 6th.

MEINRAD & IDA GRAB KING CITY, CALIF.
been seeded to the following SCS-recommended mixtures: English rye-grass, four pounds per acre; alfa fescue, six pounds; orchard grass, four pounds; ladino clover, three pounds; white Dutch clover, two pounds. Hamilton advises against too heavy a clover growth, especially of ladino, since there's danger it may bolt the cattle.

From his 75 to 80 acres of flood-irrigated pasture he cuts hay and silage, later using it for grazing both turkeys and cattle. Being wet and boggy much of the year, even though needing irrigation in summer, he seeded it to two wetland species: reed canary grass and lotus major (or big trefoil).

Hamilton cites heavy fertilization as the next "must" for success with irrigated pastures—more so than for non-irrigated. Superphosphate is applied generously each fall, in varying amounts according to individual field needs. Thus, last year, he put on 200 lb. of treble (47%) superphosphate per acre; he used 100 lb. the year before.

Nitrogen shots are also given liberally, usually 100 lb. of 33% ammonium nitrate per acre. This is put on during the summer grazing season, then the sprinklers are turned on. "We prefer summer applications to fall, because these give the pastures a boost when needed most, for the heaviest part of the grazing season."

**Sprinkler System.** For his sprinkler system Hamilton uses 6-inch mainline and 4-inch laterals. He runs 40 to 45 sprinklers constantly all summer until early fall, in 12-hour settings. Water is taken from the Lewis river that bounds the farm. There's also a small lake on the place where Hamilton can draw upon. He uses a 20 h.p. electric motor. A centrifugal pump suffices, since the water lift is only about 19 feet to the highest ground on the place.

Finally, Hamilton stresses care in the use and management of irrigated pastures. This calls for not letting them get too far ahead of the cattle. "If we find this happening, we clip with the mower. We usually leave the clippings in the field, as the cows pick up lots of palatable, nutritious dry matter this way.

Clipping also keeps down weeds, especially thistles, and there are few of these intruders on the Hamilton farm. Hamilton turns in calf about April 1 and grazes them until mid-October, sometimes even later. This year he was able to keep them out on grass until mid-November.

As an example of the results he has been getting, take just one 28-acre field divided into 14-acre grazing sections. There he runs 25 cows, 25 yearling heifers and 25 calves the entire pasture season.

**Longer Grazing Seasons—**

Winter grazing on Dallis and Bermuda pasture can be made possible through seeding of oats on the established grass sods. This has been demonstrated in trials at the Angleton branch of the Texas Agricultural Experiment Station. Such a practice will provide grazing during the winter months when Dallis and Bermuda are not growing, and, as a further advantage, will permit grazing during wet weather.

The oats are seeded with a type of machine which does not disturb the established sod, but places the seed and phosphate fertilizer about two inches below the surface. The rows are spaced 10 to 12 inches apart, and the nitrogen fertilizer is broadcast.—Armour's Livestock Bureau.

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**CONSIGNING 6 BULLS**

California Hereford Assn. Show & Sale

**February 1st & 2d, in Sacramento**

We wish to express our sincere appreciation to those buyers who helped make our first annual production sale a success.

Mr. & Mrs. Edward Reno, Rifle, Wsh.
Edward Williams, Eden Ranch, Ogden, Utah
L. W. Gardner, Coquillic, Ore.
Thomas Hereford Farm, Grandora, Calif.
Sacramento Herefords, Grass Valley, Calif.
Dana & Dana, San Jose, Calif.
Sidney Water, Corning, Calif.
C. W. & Mabel Turner, Auburn, Calif.
John Saylor, Valley Springs, Calif.
Frank Huffman, Menlo Park, Calif.
E. L. Sprinkle, Col, Calif.
Geo. A. Smith, Folsom, Calif.
John A. Lewis, Sacramento, Calif.
Fournec Herefords, Pleasant Grove, Calif.
Fred H. Hagan, Sacramento, Calif.
Chamberlain Estate, Lincoln, Calif.
Gary Smith, Fresno, Calif.
S. B. Williams, Lincoln, Calif.
Bob Sanders, El Grove, Calif.
O. A. Olsen, Jr., Lincoln, Calif.
Glenn E. Maas, Lafayette, Calif.
Wm. Peckham, Rialto, Calif.
Galil Hereford Ranch, Tracy, Calif.
Roger J. Dunley, El Grove, Calif.
John J. Short, Sacramento, Calif.
A. N. Keppe, Rosefield, Calif.
Robb Hereford Ranch, Lindsay, Calif.
Jesse M. Short, El Grove, Calif.
Bayfield Hereford Ranch, Carthage, Calif.

These bulls are sired by WHR PRINCEPS REAPER (shown above with his sons and daughters at the Sunnybrook Sale, Dec. 2) and DOMINO PRINCE 44th. Buyers at our First Annual Production Sale like "Reaper's" bulls to the tune of a $1,157 average. You will like them, too.
Creep Feeding Calves

Continued from Page 43

During the feeding period and about four pounds of grain a day at the end of the period.

These calves sold for 34 cents a pound, f.o.b. ranch, with no shrink. This was about two or three cents above the market. The bloom of these calves together with an apparently high dressing percentage didn't call for grading by buyers or cut backs of the less desirable ones.

Other Benefits. Other benefits from creep feeding have put more dollars in Baird's pocket. It keeps the range-cows in much better condition because the calf demand for milk is not as great. The carrying capacity of the range is a third above that of four years ago when Baird started creep feeding; the cows, not pulled down by the calves, carry more flesh with less feed.

Calves forget their mothers in several days after weaning because dependence on milk decreases as feed consumption increases. The cows don't miss the calves as much either.

"These calves would be ideal to put directly into the feedlot. They continue on feed and make good gains even during the weaning period," Baird says. He is planning to feed out some of the calves next year and expects average gains of three pounds a day during the 100-day feeding period.

Baird is always trying to increase the weight of beef sold from the ranch. For years he has run only 25 to 30 cows in each of many small range pastures. This practice gives better grazing distribution as well as a larger calf crop. The cows also look after the calves better, he believes. This practice has required a creep in each of many pastures, but for the most part these are concentrated around a few stock wells supplying water to adjacent fields.

For Baird, the investment in creep feeding has paid royal dividends.
Feed Mangers—Watering Troughs
REINFORCED CONCRETE
NO PAINTING—NO REPAIR—NO UPKEEP
Can Load 360 Feet on Normal Truck Load
Write for Prices and Details—Immediate Delivery
MEREDITH BROS. THERMAL, CALIF.

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

BEAN All-purpose Sprayers INCREASE PROFITS

Mr. George Hall, Paso Robles, Calif., says “My Bean sprayer helped add $21.60 per head of my beef cattle; increased my hay yield by $300; saved me several hundred dollars whitewashing my cattle barn and eliminated a loss of 3 to 4 lambs per year due to ticks.”

Bean Sprayers—the most useful farm equipment built. Every use means more profit for you.

Spray Weeds
Clean barns, poultry houses
Whitewash buildings

Spray row crops
Spray orchards
Fire protection

A Bean all-purpose sprayer will be saving you money and work the year round.

use your BEAN sprayer now for Grubs

Spray for cattle grubs now at the only time they can be killed—while they’re in the backs of the cattle. It takes pressure! A Bean sprayer’s 400 pounds pressure forces insecticide through matted hair and dirt, down the breathing holes to the grub. Result? Dead grubs and increased cattle profit. A Bean all-purpose sprayer pays for itself—FAST! SEND FOR FREE SPRAYER FOLDER

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JOHN BEAN DIVISION, 301 Newhall St., San Jose, Calif.

Send me my free literature on Bean All-purpose Sprayers and name of my nearest dealer.

Name __________________________
Address _________________________
City __________ State ___________

IRRIGATED PASTURES POINT
THE WAY TO PROGRESS

Continued From Page 45

ture on leveled land in the meadows be-
tween two ridges of low hills. His suc-
cess with a mixture of upright birdfoot
trefoil, rye grass, tall fescue, orchard
grass and a small amount of ladino
clover and alfalfa was unusual. It
started a lot of other ranchers to work-
small acreages of their own irrigated
pasture, all being flood irrigated.

Lane found that acreage in the dis-
trict which could be handled by flood
irrigation was very limited. He was
building his cow herd up to a 300-
head brood herd so he began to look
around for additional ground that
might do for permanent pastures. All
he could find was the extremely un-
even ground across the Mokelumne
river where he had been growing poor
paying grain crops for a number of
years.

A survey revealed that it could not
possibly be leveled. Many points were
10 feet higher than the lower areas,
and in a good portion of it the soil was
no more than 2 feet deep.

He overcame this by setting up 80
acres under a sprinkling system. This
set in motion, because of its success,
progressive steps all along the river.
Today, less than three years later, some
800 acres of new pastures are under
sprinkler irrigation.

Weight gains. One of the remarkable
things about the Lane pastures is that
they are doing an exceptional job of
putting poundage on his young ani-
mals, which Lane markets around 575
lb. For several months he ran
weight tests to determine how much
weight they gain per day on the irri-
gated pasture. He found that they
would put on no less than 2 lb. a da-
y between the 200- and 400-lb. weight
stage, and from 2½ to 3 lb. a day.
“My wife’s brother, his wife and six kids dropped in the other day and there wasn’t a bite of food in the house. Fortunately, however, it was a holiday and the stores were closed.”

from 400 lb. on up to market time. Another thing that makes the gains unusual is that there is no supplemental feeding done while the animals are on irrigated pasture. They are not even given dry hay.

The cows come off the irrigated pasture about Nov. 1 and go to dry range, some 2,000 acres in nearby hills. Up until about Christmas they receive 1½ lb. of cottonseed cake a head per day. By then the new grass is generally strong enough to make supplement unnecessary. The only time Lane feeds hay is during an extremely bad season, such as the 1951-52 winter.

No Bloat. Despite the fact that the animals are given no dry feed while on irrigated pasture Lane has never had a case of bloat in his herd. He credits this to the fact that of the 16 lb. of seed planted to each acre by airplane, only 1½ lb. was ladino clover. This small proportion of clover seed to the acre keeps the clover from taking over the pastures.

Lane uses a rotation system on his pastures that enables him to maintain unusually heavy forage growth all the time. Two to five days on a pasture is the limit, and the animals move on to another one.

By maintaining a strong growth of pasture at all times, and never overgrazing, he is able to carry 500 head of sheep on the irrigated pasture during the winter months. When the cows come off in the fall the sheep go on. When the cows return in the spring the sheep go off and to market.

He tries to keep two cows and their calves to the acre, and from the appearance of his pastures that is the right number. Pastures weaken some in September and the number per acre drops to 1½ or 1 lb. head. By then calves have been sent to market.

Better with sprinklers. Lane’s cattle do better on the sprinkler-irrigated pasture than they do on the 115 acres that is flood irrigated. Lane believes that his cattle like the sprinkler-irrigated pasture better—they appear to start eating on it more readily after irrigation and eat continuously. He feels that one reason for this is that the sprinklers wash the dust and other undesirable things off the plants.

Lane’s first irrigated pasture was a...
5-acre piece near his ranch home. This unit is irrigated by check flood method with water from a well pump. His second unit was an 80-acre pasture irrigated by check flooding, with water control being through a pump and a reservoir.

The reservoir is 8 feet deep and covers five acres. All water for the 80 acres flows from the reservoir, which is full when the irrigation season starts. A 15-horsepower pump works continuously from April to September pumping water into the reservoir. Irrigation takes place during the day, but the pump keeps right on through the night, replacing the water that has been removed.

Fertilization. Lane has proved the value of proper fertilization, which he feels should be a yearly task is out of the way, allowing the rancher to go to other work.

In considering the cost of putting the 80 acres under sprinklers Lane can look ahead to the per acre cost being reduced when he plants an adjoining 80 acres, for the well and pump are large enough to take care of 160 acres.

Cost Comparison. It costs more to irrigate his 80 acres of sprinkler pasture than it does the 80 acres irrigated by flood method from the reservoir. The 50-horse power motor that operates the water pump costs $84 a month. There is no tailing off in proper growth. It is less waste of fertilizer with more of it reaching the roots where it will do its most good, and there is no tailing off in proper growth.

It cost him $120 an acre to prepare the ground, plant the pasture, bore the well, equip it with a motor and pump, install the underground conduits and place the three lines of aluminum irrigation pipe on the field. That was in 1950; it would cost more today.

At that time $10 of that cost went for seed, and sowing by plane was 65 cents an acre. Sowing now would cost at least $1 an acre. He says it will be well worth it, however, for by plane the sowing of 80 acres is completed in a little over an hour, and the task is out of the way, allowing the rancher to go to other work.
says the pressure pump for forcing the water out through the sprinklers cost.

For an irrigation season, while the cost of operating the 15-horse power pump that puts water into the reservoir was $350 for the same season. He explains that one reason for the lower cost is because the small pump runs continually, and after a certain number of days the charges drop down until in the latter part of the season, it costs very little to keep it going day and night.

Flood irrigation does not require the almost continuous attention of an irrigator, but the sprinkler system requires about six hours of attention each day. That adds more operational costs.

But even with these extra costs you can’t talk Lane out of believing that sprinkler-irrigated pasture is one of the greatest things that ever came to his section of California.

He points out that even though pasture costs seem high he is actually saving. He doesn’t have the costs of taking the cattle to the mountains, including deaths, trucking expense and weight loss. On the irrigated pasture he has the cattle right under his thumb all the time.

Lane and the other ranchers who have turned to raising beef cattle along the Mokelumne river like their kind of land water and plant life progress, for that progress is leading them to a new farming prosperity.

Discover How Fluke Spreads—

After 10 years of effort scientists at Cornell University, Ithaca, N. Y., have announced the discovery of how liver fluke disease is spread among sheep and cattle. The “missing link” is the common ant.

Previously, it was known that the eggs of the fluke were eaten by a tiny land snail, and that these eggs developed within the creature. But no one could trace the immature worms in the snail to the mature ones in sheep and cattle.

Now it is known that the immature worms, after developing to a certain point, leave the snail enclosed in a little package of slime, and that ants feed upon this material. The ants later are ingested by sheep and cattle while grazing, thus enabling the fluke to continue development. — Armour’s Live-stock Bureau.

Changeling

By S. OMAR BARKER

Before she married the charming gent,

She marvelled at all the dough he spent.

In that respect, now that he’s got her,

She finds she’s wed to a rather-notter!

By this, one fact of life is taught:

Men don’t bait hooks after fish are caught!
When you ship to this market your stock is in the hands of experts. The commissionmen who do business here know all the fine points of getting the top dollar for your livestock. With them it is a case of knowing and not guessing. This is where competitive bidding works to the advantage of the livestock shipper, as against selling where only one buyer sets the price.

CONSIGN YOUR NEXT SHIPMENT TO THIS PRICE REGISTERING MARKET!
usual crowds of interested spectators were on hand and good galleries watched the judging events.

In the junior steer division the group of 4-H boys from Boys Town at Omaha, Neb., walked off with the championship on their heavyweight Hereford steers—and repeated in the open division with one of the best carlot divisions of 15 head of steers that has been seen on the West Coast for some time. It is interesting to see a junior group from such an institution as Father Flanagan's Home for Boys clean up as they did at the Great Western, and I think there wasn't much doubt in anyone's mind but that they were entitled to the honors.

I might say again, as I think I did last year, that the young man who spark-plugs the Boys Town successes is Ronald Hutchings who since he graduated from Cal Poly at San Luis Obispo, has certainly put the 4-H'ers at Boys Town on the map as their animal husbandry instructor. I guess about everybody knows Ronald's record as a junior exhibitor when he was a student at Bakersfield High under the tutelage of Howard Dickson, when he, also, used to win individually at the Great Western shows, and later, at Cal Poly, as an exhibitor in the open classes. Ronald is the son of Gilbert Hutchings, formerly of the Bakersfield High School's ag department and now at Cal Poly. All this gives me a chance to put in another plug for the value of

FINISH

CATTLE
at the market!

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Phone ANgelus 0189 now for space reservations
COLUMBIA EMPIRE
Polled Hereford Association
SALE
moves to a new location!
Central Washington State Fairgrounds
YAKIMA, WASHINGTON
Sunday, Feb. 8 — THE SHOW
Monday, Feb. 9 — THE SALE
Held in a Good Warm Pavilion
MAKE YOUR HOTEL RESERVATIONS NOW
Sale Headquarters: Chinook Hotel, Yakima, Wash.

This year's sale consignment will be by far the best offering we have ever had both in quality and ages. We urge you to be sure and attend as we are exceptionally proud of this year's offering.

Auctioneer: H. B. Sager, Bozeman, Mont.
Judge: C. W. Hickman, Moscow, Idaho

Sale Managers: Miller & Teale
W. 807 Shoshone Pl., Spokane 41, Wash.

COLUMBIA EMPIRE POLLED HEREFORD ASSOCIATION
President: QUENTIN JAECKEL, Centerville, Wash.
Secy.: JOE GREEN, Pomeroy, Wash.
THE Boys Town champion Hereford steer originated in the herd of Joe Thiesen of Long Pine, Neb., who has one of the good grade herds in the Sand Hills, and, by the way, the runner up—reserve champion steer—was a grade Hereford from a New Mexico commercial herd, fitted and shown by Warren Wolfsen of Dos Palos. Warren grabbed off this steer from a bunch his dad bought for the Wolfsen Bros. feedlot at Dos Palos. I'd say he was a good picker.

To prove that the steer wasn't just an accident at the Great Western, Warren showed him to the championship in his class at the Merced County Spring Fair at Los Banos and also at the California State Fair at Sacramento. Look how these good grade steers might be a better bet for prospects for juniors than some of the purebreds that the breeders will let loose of. Anyhow, it's mighty important that the boys and girls get types of animals that they can really put in shape for shows, when they put in so much time and expense on their programs—practically a year of care and feeding. Harvey McDougal did his accustomed good job of placing the steers this year, after an absence from the Great Western of four years. It is always a joy to me to watch Harvey work. He knows what he wants and sure doesn't lose any time getting the job done. From what I heard, George Bath and M. H. ("Mac") McDonald did a good job on the swine and lambs.

You can select herd building sires from the Ralph L. Cook Ranches consignments at these three big sales...

COLUMBIA EMPIRE POLLED HEREFORD SALE
FEB. 8-9, YAKIMA, WASHINGTON
6 BULLS
Including a son of HHR Larry Dom 16; three sons of Numode 55, one of Proud Advance. PLUS, this outstanding young herd sire prospect...

RC ROYAL REX 6th 7039663 510031
Calved Sept. 3, 1951

TT Royal Rex 2nd
4541181

TT T Flashy Royal
4433335

White Mt S. Maid 8th
3090781

Advanced Domino 30th
2465804

Phoebe 30th
4413245

He is light colored, good headed and has lots of size. Stands on straight, good legs, and is deep in the flank and twist.

OREGON CATTLEMEN'S ASSOCIATION SALE
February 13-14, Ontario, Oregon
8 BULLS
Big growthy, service-age sons of Trumode Domino 86 and Proud Advance. Grown out the way many ranchmen want them.

OREGON POLLED HEREFORD ASSOCIATION SALE
March 1-2, Salem, Oregon
3 BULLS
A son of Proud Advance, another of Trumode Domino 86. And don't overlook RC GOLD NUGGET 2. He's a grandson of Gold Mine and out of a dam of John Lewis breeding which has consistently produced foundation females and herd improving bulls.

RALPH L. COOK RANCHES, Medford, Oregon
DIAMOND KR RANCH

Announces that the influence of Gold Colonel is spreading to an ever widening circle ...

Our thanks to CROCKER RANCH, Saugas, California, who bought KR Gold Colonel 2d by Gold Colonel for $5,100 at the National Western Polled Hereford Assn. sale in Denver.

KR Gold Colonel 2d. Right to left are Kenneth Vaughn, herdsman of Diamond KR Ranch; Roy Crocker; Gene Ruddell, Crocker Ranch manager; and Vern Pickrell, Diamond KR Ranch owner.

We also thank ROARING FORKS RANCH, Carbondale, Colo., for their purchase of KR Gold Colonel 18th by Gold Colonel for $3,000. And W. V. Peterson, SIERRA VIEW HEREFORD RANCH, Clovis, for buying a heifer by our Gold Colonel.

More examples of the outstanding breeding stock by Gold Colonel.

For sale at ranch—young heifers, nearly breeding age, by KR herd sires and a few good calves by Gold Colonel.
CROCKER RANCH

proudly introduces

KR Gold Colonel 2d

OUR NEW HERD SIRE

This son of Gold Colonel and grandson of Gold Mine was judged top 2-year-old of the entire National Western Peeled Hereford Show at Denver last December. Our purchase of him for $5,100 tabbed KR Gold Colonel 2d as second highest selling bull of the Denver sale. And this bull has made an enviable record in competition on the Pacific Coast—always topped his class this year and beat the California State Fair Champion two out of three times in shows and was champion at Los Angeles County Fair.

SIRE:

Gold Colonel

5545475-534929

DAM:

Van's Miss Domino, 16

5024112-302741

This good headed breeding bull this season wants a stand of cattle to back him. This bull has not shown as great a decrease under previous sales as did some of the earlier sales in the fall of 1952, it of course, reflects a good deal of the same general situation which has undoubtedly been caused by the lower market prices on commercial cattle. I think the purebred cattle breeders on the whole are willing to accept this situation and realize that it had to happen. A few days after the Great Western sale the San Joaquin valley sale at

FEBRUARY 1953

Mr. & Mrs. Roy P. Crocker, Owners

E. N. Ruddell, Mgr.

RT. 4, BOX 291A, SAUGUS, CALIF.

Phone: Newhall 8735-J5
THESE FAR WESTERN POLLED HEREFORD BREEDERS ARE AMONG MANY STAKING THEIR FUTURE IN GOLD MINE BULLS

A. E. Ghilotti, Western Hereford Ranch, Modesto, Calif. He bought GOLD PRIDE, at the $7,500 Denver top.

VERN PICKRELL, Diamond KR Ranch, Kingsburg, Calif., who bought GOLD COLONEL from us as a tiny calf and sold a son of his at the second top of the National Western Polled sale.

JUSTIN SNYDER, Davis, Calif., who showed a son of his GOLD BRICK to the top of the junior yearling class in the California Polled Hereford Show.

WARREN E. RIGDON, Royal Polled Hereford Ranch, Corona, Calif., who recently bought OK GOLD MINE 15.

JOHN R. NORTON, Double O Ranch, Seligman, Ariz., who bought a son of GOLD DUST in the National Western at one of the top prices.

And, of course, H. L. MINZEL, Colville, Wash.; PETER VREELAND; C. D. HOUSER, Baker, Ore., and RAY NEWPORT, Culver, Ore.

We wish all of these a GOLDEN FUTURE with their GOLD MINES

Orvil Kuhlmann, North Platte, Neb.
Tulare had 77 head of Herefords that averaged $534. Their 1951 average was $1,151. I didn't attend the sale, but those who were there say that the consignors thought the prices were satisfactory, general market conditions considered. At Tulare the pens of bulls averaged longer ages than did the pen bulls at Los Angeles and sold at comparatively higher prices, which I think supports what I said about the range men wanting older bulls.

These lower prices on purebred cattle make me reminisce again. The old-timers will remember something of the boom prices of post-World War I days and what happened along about 1920 when the auction and private sale prices took an awful slump. As I recall it, it was about as unexpected as was the change in price in 1952 and, I think, considerably more drastic. During those boom years breeders sold a lot of purebred cattle and accepted notes in lieu of cash. Then paid income taxes on the proceeds of a lot of the higher priced sales.

As the low-price era went on, the breeders were unable to collect on many of these notes, and it just about wrecked many of them. This time it is entirely different. So far as I know, the breeders have been getting real money for their cattle and don't have to face a lot of hard or impossible collections. So I think the purebred business is in comparatively good shape at this time.

During the week of the Great Western Fat Stock Show the Junior Banquet sponsored by the Bank of America and Adolph Miller of the Union Packing Co. (which has become a regular feature of this show week) was held at the Rodger Young Auditorium, as in past years, and about 500 folks were on deck. Adolph Miller and the Rodger Young outfit surely surpassed themselves this year, I thought. The prime rib was of wonderful quality and was beautifully roasted—the best I've had in years—and I'll bet all the rest of the crowd agrees with me.

The presence of Monsignor Nicholas Wegner, in charge of Father Flanagan's Boys Home whose Boys Town entries had won the top honors in the fat stock show, added a lot of interest. His remarks were timely and commended the junior livestock programs everywhere. J. I. Thompson, livestock specialist with the bureau of agricultural education at Cal Poly and one of the best-loved and highly respected men engaged in junior work, gave one of the best talks I have ever heard him make—and that's saying a lot.

Roy Duvall of the WJF staff introduced the speakers and members of the FFA and 4-H who were receiving awards that night. Being a former FFA top hand back in Missouri a number of years ago, he was able to handle his duties in a sympathetic and able manner. Forest Berry, who always sparkles the banquet for the Bank of America, was on hand and had things
GOLD PRIDE
Son of Gold Mine
comes to California

HIS SHOW RECORD:

POLED SHOWS
CHAMPION SALE BULL, National Western Polled Hereford Show & Sale, 1952, and 1st in class.
2nd in Class, National Polled Hereford Show, Senior Bull Calf, 1951.
2nd in Class to Res. Champ., National Western Polled Hereford Show, 1951.

HORNED SHOWS
Reserve Champion, Nebraska State Fair, 1951.
Reserve Champion, Wyoming State Fair, 1951.
1st in Class, North Montana Fair, as Senior Calf, 1951.
1st in Class, Nebraska State Fair, 1952, as a Senior Yearling.

WESTERN HEREFORD RANCH
Modesto, Calif.
SNOWDEN DANIELS, Manager

Phone 3-2057 or 3-4916
ED GHILOTTI, Owner
in fine shape, as usual. The Future Farmers and 4-H'ers received their plaques, trophies, wrist watches (one boy got two—one for each arm), steers, bonds, and what have you, and everybody had a good time and went home singing the praises of the Bank of America and Adolph Miller.

The same week at the Great Western Hereford Sale, the California Cattlemen's Assoc. convention was on at Hotel del Coronado at Coronado Beach, San Diego. That's a swell place to have a convention, by the way, over on that island with such beautiful surroundings and marine views, and every sort of convenience inside the hotel for meetings, committees, etc. There isn't anything for the delegates to do but attend the sessions of the convention. I got a ride down with Forest Berry and we stayed around the convention for a day. There was a whale of a crowd out—about 500 I think—and everything clicked.

It looked as though almost all the cow folks I know were there and a lot I don't know and everyone seemed to be having a good time. "Doc" Newton, managing editor of WLJ, was there and wrote a detailed report of the convention for the weekly edition of WLJ, so I won't go into it only to say that I was full of sympathy for the Safeway man who talked about the retail prices of meat as compared to the present low prices of cattle. I thought he got away with it pretty well—anyhow, none of the cattlemen's wives mobbed him.

I had lots of nice visits with folks there. One morning before the meetings started I ran into Clay Thompson and his wife from Madera out on the porch—a beautiful warm sunshine Southern California morning—and we sat down and visited awhile. Ken Safford of the Crocker Huffman Co. at Merced came along and joined us. Do you know what that guy told me a while back? That he understood that anyone who got his name in this column had to buy me a good steak, and he wanted me to join him in demolishing one! I considered it vile slander, and spurred his offer. Ken's brother, Eck Safford of Willits, was at the convention. I hadn't seen him for two years. He is still rotund and, as I understand it, is still county supervisor.

I ran into the bunch from around Porterville and Sanger—the Farmworths, John Guthrie, Wilbur Dennis and Bob Johnson and his father—it brought back recollections of when we were all at North Platte, Neb., for the American National meeting during the hard winter of 1948-49 when the snowdrifts at North Platte were about 10 feet deep. About the same crowd was there, including their wives, most of whom I didn't see at Coronado, but I remember well when the ladies put on everyone's eyes and went to a smorgasbord party early afternoon at North Platte about 4 p.m. I guess they didn't tackle it at

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CANYON, CALIF.
ROLAND RAMELL, Mgr.

Coronado, anyway I didn't get in on any.

The first night at Coronado the committee on entertainment put on what they called "A Night in Mexico" at Tijuana, and it was all of that. Just about everybody who attended the convention jammed themselves into a not-too-large night club. There was a floor show—oh boy! Forest Berry and George Phillips (another Bank of America man) and myself, had ringside seats, as did Harry Parker, Lyman Bennis and "Beans" Smith, who were just beyond us, all in the same advantageous (?) spot.

Those lovely Mexican ladies who sang, changed costumes, and danced, were something. No one paid any attention to their male partners or to the leather-lunged announcers. Also the pair that put on the Argentine tango for a closing act—it sure was lucky the Argentinian hung onto his little partner, for her feet were just about in my face several times while he was swinging her around.

Oh, well. The food was mostly Mexican. I got along pretty well until George Phillips asked me why I didn't tackle a long, rather pink object. I was rather suspicious, but fell for it—and it was one of those really hot peppers, and it was dynamite. However, I calmed it down with some shrimp and beans. That pepper, by the way, made me think wistfully of the stuffed peppers that Evalyn Farnsworth prepares occasionally up at the Acchi Ranch. They're so different.

LAWRENCE Oliver brought his Descanso Baca Duke 1 (by Karpe's Baca Duke 2), reserve champion Hereford bull at the Cow Palace, into the hotel. Walter McRobb still had him looking good, though he had shed some hair. I think Lawrence had planned to emulate Dan Thornton's stunt (Dan put his two $50,000 bulls in the lobby of the Brown Palace at Denver several years ago) but the long steep stairs of the del Coronado were too much for Descanso Baca Duke 1, so they kept him on the ground floor and put him into a cabana alongside the swimming pool. He had all the accouterments of a up-to-date cabana, including a mirror on each side of him, but I doubt if it bothered him any, as he was very calm and dignified in his bed of straw which Walt had provided.

We didn't stay for the closing meeting of the CCA convention, since the San Diego County Hereford Assn. was having its December meeting at Rancho Lila norh of Escondido that afternoon and we wanted to take that in. We arrived in time for the swell barbecue luncheon that Col. Irving Salomon and Mrs. Salomon, the Lila's owners, put on in the spacious grounds surrounding their beautiful ranch home. Everyone left early. After the luncheon, and when everyone was in a more or less semi-conscious and expansive condition, Pres. R. H. ("Pop") Whitten called the business session. I was the goat—tried to explain why some of the cattle at the Great Western Hereford Sale held a few days before didn't sell up to the expectations of the consignors (the San Diego association is one of the sponsors of the Great Western sale). Anyone who has tried to manage one of the 1952 fall purebred cattle sales should sympathize with me. I was glad M. H. McDonald of the AHA was there. He and I, with the help of some others, made up the sale order for the Great Western sale after Walt McRobb judged the cattle.

I didn't get away with it so good in my remarks at the San Diego meeting, but Mac made a whale of a good speech and really told us all a lot of good, solid facts about Hereford cattle, and the crowd was for him 100%. I think. After the meeting we looked over some of the cattle that Willie Goode, Lilac's manager, had on display in the show barns, including the first prize senior heifer calf at the 1952 Cow Palace show—R.LS Larry Miss Hope—who is coming along fine, and also several other prospects he is feeding. There was a cracking good "Larry" junior bull calf, I thought. We will probably be seeing him in Lilac's show string later on.

THERE were several of the newer members of the San Diego Co. association present, including M. P. Sessions of Descanso, who purchased the top-selling bull at the Cow
Palace Hereford sale—the Mills Hereford Ranch Merino sale on March 19 at $8,000. Also, J. Paul Kirk of the Valley Stream Hereford Ranch near Valley City was there. Later that day we drove by the Kirk ranch and stopped a few minutes. We looked over the pair of calves I'd seen a couple of months ago that still looked like show prospects to me, and also saw Baca Duke 58, grandson of the 10th and out of a Jayhawk cow.

This bull was formerly in the Charlie Bianchi herd where there are a number of his calves and he thinks a lot of them. Mr. Kirk got the bull from Jack Gibbs of Grace, Idaho. He is now in his working clothes—a particularly impressive front-ended and good-headed sire—and it will be very interesting to see the results of his mating to the good cows Kirk has been putting together the last year or so.

I HAVE just been reading John Chohilis's "Ranch Ramblings" in the Dec. 18 WLJ weekly. He said he got a Christmas card from R. G. Johnson from the Philippine Islands. I asked John how in heck R. G. got over there—I thought he was in South America. John said I was way behind on R. G. He's been in the Islands about a year. Talk about a rambler! I first met R. G. years ago at the Pacific Experiment Station near Burns, Ore., and one time during the last war I got off a Southern Pacific train at Fresno and he was just ahead of me. I caught up with him and he told me he had just returned the day before from China! After that I heard he had gone to Venezuela for some Rockefeller deal, and then I lost track of him. John says he was in Montana on ranch management since then—and now he's in the Philippines.

JOHN T. Caine III's daughter Margaret sent me a letter, right in the middle of the Great Western show, saying her dad was being honored by having his portrait hung at the Saddle & Sirloin Club in the Chicago Yards, and suggesting that I attend. I sure would have liked to but couldn't cut it. As I suppose everyone knows, John T. manages the National Western Stock Show at Denver nowadays. This institution is pretty close to my heart, too, as I had some relation to it for about 30 years.

Before the National John was with Barney Heide at the Chicago International, and before that headed up the Packers & Stock Yards Administration at Washington, and before that... well, he came from Utah. John used to ride with me once in a while when we were making conventions in the Northwest. I've always regarded him as one of my best friends. I can't think of anyone I'd rather see honored
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37 FEMALES

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Bulls are from 15 to 27 months of age—females 12 to 27
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47 BULLS
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Are we ever lucky!
Ankonian 3216 just went International Grand Champion at Chicago -- as you Aberdeen-Angus people know. Just as important, he sired our little Duncraggan Brianmere, now ten weeks old.
So we have the only son (or daughter) of the 1952 International Grand Champion on the Pacific Coast.
Also -- this being a bull year for us and our first in the business -- we have four beautiful little Sunbeam bulls by our herdsire "Prince Runnymede 59th", a show-winner back East and a son of Giff Cochran's great herdsire "Prince Sunbeam 405th" (Giff Cochran owns the new International Grand Champion and helped us put this little herd together). Also, a Bandolier bull calf by Burgess Bandelier of Westwood.
Our cows -- an Evergreen Erica, a true Brianna, a Karama, a Queen Mother, an Enchantress Erica, a Barbara, and an Eline Erica (bred to the Champ -- Ankonian 3216). Stars of course all over the pedigrees.
Come and see our little herd of bluebloods.
Duncraggan Ranch is on the road between Sonoma and Glen Ellen about a mile north of the Sonoma Golf Club. It is the old Spreckles Race Track.
Our Superintendent is Walter Piezzi. His telephone is Sonoma 2355. We hope we will be there when you come, but come anyhow.

P.S. We need some open heifers!
than John T. III and I hope he lives long and actively in his present setup at Denver.

It was interesting to me that the two top-selling bulls at the National Western Polled Hereford Assn. Sale at Denver in December came to California Polled Hereford breeders. The champion sale bull, Gold Pride by Gold Mine, consigned by Orvil Kuhlmann, was grabbed off at $7,500 by Dr. A. E. Ghilotti, who has the Western Hereford Ranch at Escalon, Calif. Dr. Ghilotti has his office at Modesto. He has a small herd of Polled Hereford cows and has been purchasing other good foundation females at recent sales.

The next high-selling bull of the National Western PH sale went to the Roy P. Crocker Ranch at Saugus at $5,100, and was none other than Vern Pickrell’s Diamond KR Ranch 2-year-old bull, KR Gold Colonel 2. This bull has been making Polled Hereford history in California this last year at the state fair at Sacramento, where he won his class (and they tell me he looked like a pretty good candidate for the champion) and was also champion bull at the Los Angeles County Fair at Pomona. And he looked pretty good to me in his class at the Cow Palace. He is a massive, strong, rugged and good-boned Polled bull and should do Roy Crocker a lot of good.

Mr. Crocker and his manager, Gene Ruddell, were both at Denver and wouldn’t be headed off from bringing back this good California Polled Hereford bull. He is a grandson of Orvil Kuhlmann’s Gold Mine. Vern Pickrell advertises his sire, Gold Colonel, as a 100% dehorner.

JUST before Christmas I had a letter from Charlie Henning, now owner of the Cheam Hereford Farm at Rosedale, B. C. California Hereford breeders will remember Charlie and his son, Fred, who formerly had the herd of Herbert Chandler-bred cows and the Miller Domino bull when they ranched near Madera. I’ve seen Charlie a couple of times when I’ve been up at Kamloops, B. C., and he was also down to the Cow Palace a year ago but says in his letter that the help situation is such a problem nowadays that he couldn’t make it in 1952. He says he is entering some bulls in the Kamloops Bull Sale in March. He is hoping the embargo on Canadian cattle will be lifted by that time and that it will be an encouragement to the buyers of good Canadian bred bulls.

Readers of WLJ may be interested to know that it was a letter from Charlie Henning, back in 1947, that more or less started me off on this column. Maybe I should not release this information—it may not be safe for him to make another visit to the USA. Someone might want to shoot him.

FFA Project Calf Winner Reports Good Rate of Gain

Last October an FFA boy from Lind, Wash., slipped his rope halter over the black ears and muzzle of young Angus calf, claiming the prospect calf award at the Future Farmers of America calf scramble at the Pacific International Livestock Exposition in Portland, Ore.

Recently this same boy, Orvill Branson, president of the Golden Grass FFA chapter, sent a progress report on his calf to Walter Holt, manager of the Portland show, that indicates he is well pleased with his catch. The calf weighed 315 lb. on Oct. 4 and now tips the scale at approximately 480 lb. On the last weighing, Nov. 21, Branson reported that the calf weighed 436 lb., setting a daily gain record of better than 3 lb.

Orville’s feed ration consists of rolled corn, rolled barley, rolled oats and wheat, beef pulp, calf manna, bran, linseed oil meal, alfalfa and grass hay, and trace mineralized salt. “All in all,” Branson reports, “the calf is progressing nicely, improving every day in depth and thickness.”

Home From the Movies

By S. OMAR BARKER

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With the prospect of a general leveling off or slight decline in prices of farm products, a drop in farm exports and a continuation of the trend toward lower net farm income, a general stock-taking would do no harm. It is during a period of relative stability that evaluation of financing practices can more easily be made and adjustments effected. The farmer in a sound financial position can adjust his operations more smoothly to meet any future changes in the level of economic activity—no matter in which direction it may turn.

Good Condition. The over-all financial condition of farmers generally continues to be good. Total assets of agriculture, valued at current prices and including financial assets, will be about $172 billion by January, 1953, a 2% increase over 1952, as compared with increases of 12% and 9% in the two preceding years. Any increase in farm real estate values is expected to be small in 1953, but financial assets of farmers may continue to increase somewhat. On the liability side, farm mortgage debt, which rose 7% during 1952, is expected to continue upward at a slower rate.

The farm mortgage debt of $6.7 billion, however, is small relative to farm real estate value of $96 billion. Non-real estate debt has continued to increase substantially, and it appears probable that the present total of $8 billion (excluding CCC recourse loans) will go up another 10% in 1953.

Financing Problems. While the financial position of farmers generally is favorable, the financial condition of individual farmers varies widely. Each is faced with his own particular financing problem. Some farmers who have accumulated a relatively large volume of debt, particularly crop loans carried over from previous years, might well concentrate on reducing their debt during this period of favorable farm income. For other farmers, this may be the proper time to accumulate more liquid financial assets which can be set aside as reserves to meet future repayments on debt, operating expenses or for replacement of equipment.

For those farmers who have accumulated an excessive amount of short-term loans which will require several years for repayment, some conversion to long-term debt may be advisable. This should not be necessary, however, for the farmer who merely borrows to meet annual production expenses and who can make repayment in a year or so. Marginal operators with relatively low incomes and poorly equipped farms may find increasing difficulty in meeting the competition of more efficient operators. To continue in business they may ultimately have to increase production and reduce unit costs. This is likely to require additional capital ex-

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Although W. J. Harrer & Sons have sold at the major Northwest sales, this is their first Production Sale at the ranch offering a QUANTITY of the Get of Henke’s Eliminator 6th, their senior herd sire. Strong in Bandelier breeding on the sire’s side and the breeding of the International Grand Champion, Glencarnock Eric of Crensona on the dam’s side, the 6th has the ruggedness, excellent type, great thickness, heavy bone and good head that we strive for in our herd.

Sons and daughters of the 6th, including several selling in our Production Sale, took top winnings at seven northwest shows in 1952 attesting to the uniformity of his Get.

The Female offering of this sale will please you. Our Evening Ericas, Eldorene Ericas, Ballindalloch Blackbirds and Porthlene Lucys are represented in the sale. Many of the good heifers sell bred to Eliminator 42” of Green Meadow Ranch.

THE GREEN MEADOW RANCH is on the outskirts of the City of Helena and can easily be reached the year ‘round. Excellent transportation facilities and hotel accommodations await you. The sale headquarters will be the Placer Hotel. The cattle will be on display in the show barn from Thursday morning on. The sale will open at 12:30 p.m. in the comfortably heated sale pavilion. Transportation will be furnished to the ranch . . . just give us a call.
FRIDAY, FEBRUARY 27th

W. J. HARRER & SONS
Green Meadow Ranch

Production Sale

Write today for your illustrated catalog and compare the pedigrees. Here you will find a new herd sire, good range bulls and top females for your herd. In 1952 you undoubtedly saw our show string that played the Northwest and we feel these cattle are typical of Green Meadow Ranch breeding.

AT THE RANCH
Lunch will be served at the ranch at noon with the sale starting at 12:30

H. B. SAGER
Auctioneer

Write today for Illustrated Sale Catalog

REGISTRED ABERDEEN ANGUS CATTLE
GREEN MEADOW
W. J. HARRER & SONS
HELENA MONTANA
Consigning only one, but it's...

One outstanding bull

ENVIOUS of ANGUS EMPIRE 55”
to the RED BLUFF BULL SALE

* This bull is a full brother to the bull that shared top-selling honors at the Cow Palace Sale: purchased for $2,000 by the Roney Bros. of Chico, consistent buyers during past years of Angus Empire Ranch bulls.

We still have a few good service age bulls for sale at the ranch. The right kind and the good kind. Bulls with bone, scale, natural fleshing and thickness.

ANGUS EMPIRE RANCH
HENRY A. CODONI & SONS
EMPIRE, CALIFORNIA

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 5 miles South East of Corning. Buy half brothers, half sisters to animals that made us Premium Breeder & Exhibitor, 1949 Calif. State Fair.

CHAS. M. McDOWELL
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RIVerview FARMS
Registered and commercial
J. M. WILSON
Santa Barbara County, Calif.

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Livestock Auctioneer
For dates phone:
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RANCHO ARROYO PERDIDO
Registered Aberdeen-Angus
Breeding age bulls now available
Mrs. Sarah Arnold Kirkpatrick
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LUCE ANGUS RANCH
MERCED, CALIFORNIA
Top quality, pasture raised breeding stock for sale
Visitors always welcome
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Ormondale Ranch
Registered ABERDEEN-ANGUS
Young Bulls and Heifers for Sale
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Phone Uotora 1-1611

COLUMBIA SHEEP—THE ALL AMERICAN BRED


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

Debt Structure. The financial situation Western farmers, like farmers generally, is good. As far as real estate values are concerned, the West is in a unique position. It is the only region where farm land values since the Korean war have increased less than farm income. Cash receipts from marketings for the year ending June, 1952, were 37% above Korean levels, while land values have increased only 20%. In the 12th district, during this period, only the states of Arizona and Washington had increases in land values in excess of the percentage increase in cash receipts from marketings.

One reason for the smaller increase in farm land values in the West may be the large amount of irrigated land. Land values on irrigated land tend to fluctuate less widely than on other types of farm land because of relatively high costs of most irrigated crops and because production, being less dependent upon weather, is more stable. Allowance may also have been made in capitalizing returns into land values, for anticipated decline in cattle prices.

While land values in the West have increased relatively less, farm mortgage debt has increased relatively more than in any other area. At the beginning of 1952 it was 25% above 1946 and 12% higher than in January, 1951. In spite of this substantial increase, farm mortgage debt does not appear excessive in relation to farm real estate values in the West.

Loans Increase. The volume of farm real estate loans has continued to increase this year, but in the 12th district the slow farm real estate market is expected to retard the rate of increase of farm mortgage debt in 1953. Federal land banks have been enlarging their share of farm mortgage holdings, while the share held by commercial banks has been declining.

Between Oct. 10, 1951 and Sept. 5, 1952, both call report dates, the volume of farm real estate loans held by district member banks declined about 3%. Twelfth district commercial bank rates on farm real estate loans have remained steady around 5% and no significant change in rates is anticipated in the near future. There is no evidence of loan curtailment, but banks state that they will continue to review loans with caution. Loan repayment experience of banks and other lenders has been generally excellent and should continue to be so unless net farm income declines much more than presently expected.

As in the rest of the country, non-real estate loans in the 12th district have increased substantially. CCC loans by member banks in the 12th district rose 73% between Oct. 10, 1951 and Sept. 5, 1952, and other short-term loans increased 21%. With stable or lower farm prices and continued increase in farm costs forecast, the demand for short-term loans is expected to in-
AT YUMA MEETING—Among cattlemen who turned out for the recent quarterly meeting of the Arizona Cattle Growers Assn., held for the first time at Yuma, were (left to right) Harry Knight, former rodeo star and now vice president of the Yuma Valley Livestock Assn.; Steve Bixby, Globe purebred Hereford operator; Fred Fritz, Clifton commercial Hereford cowman; L. P. Barkley, Yuma farmer, feedlot operator and wool grower, president of the Yuma Valley association; Ed Jamison, Kingman commercial Herefordman; Ralph Cowan, Douglas, head of the state group; Harold Gist, Yuma state senator; and John Babbitt, Flagstaff commercial Hereford operator. Yuma cattlemen were hosts at meeting.

crease again in 1953. Interest rates of commercial banks on short-term farm loans are up from 3½ to 1½% over a year ago, depending upon the size and type of loan. Present demands for short-term loans are being met, and there is no indication that lenders expect to curtail the supply of money they will make available next year. Loan collections in the crop areas of the District are generally excellent. Some reports, however, have been received of slow repayments on cattle and sheep loans owing to lower prices.

Specific Forecasts. U. S. Department of Agriculture, forecasts for specific commodities include:

Meat: Total meat production may be up by 4½% to establish a peacetime record. Over the past four years cattle numbers have been increasing. The effect is now being evidenced in the larger volume of marketings of cattle and in lower prices, particularly for cows and feeder cattle. Prices for all grades of beef are expected to drop moderately in 1953 as the volume of cattle slaughtering continues to increase. In spite of smaller receipts, average profits from cattle put on feed this fall are expected to be good as prices paid by farmers for feeder cattle have been sharply lower.

Hog slaughter, on the other hand, is expected to drop below the 1952 volume. In spite of the smaller supply of hogs, competition from increased marketing of beef should prevent higher hog prices. Little change is expected in the volume of sheep and lamb slaughter, and prices, which are down severely from the peaks of 1951, will probably remain at present levels or decline slightly.

BARBECUE CROWD—This is part of the crowd attending barbecue at Bruce Church ranch, Yuma, a feature of recent quarterly meeting of the Arizona Cattle Growers Assn. The barbecue was held at the start of an afternoon tour of Yuma valley which drew three busloads of visitors to local feedlots and ranches.

Photo by Schaus
Bred Gilts-Spring Delivery
For the first time in two years, we will have a few choice bred gilts for sale this spring sired by our proven boars RED COAT, RED DESIGN AND RED DIAMOND JUBILEE. We are now contracting for spring delivery. Come see them.

USE CERTIFIED SEED
Ranger Alfalfa and
CALIFORNIA MARLOUT BARLEY

WALDO WEETH RANCH
Waldo Weeth, owner
Bates Bowers, herdsman
COALINGA, CALIFORNIA
Breeder of Registered Polled Herefords and Commercial Cattle

Although total livestock numbers may increase somewhat further, a reduction in hog numbers and a larger number of cattle slaughtered off range and pasture should tend to relieve tightness in the feed situation. Carry-over stocks of feed grains are down, but supplies, particularly of corn, appear to be generally adequate. Some deficiencies, however, may develop on a regional basis, especially in the areas damaged by drought. Little relaxation in feed prices is expected in 1953, as the supply per grain-consuming animal unit should be about equal to the 1952 year's ratio.

Dairy and Poultry Products: Egg production has been above the 1951 record level, and egg prices have been substantially lower. As a result of the low prices in the spring of 1952, farmers reduced the number of chickens raised for laying flock replacements by 7%. The rate of lay should continue to increase, as in recent years, but will not be sufficient to make up for smaller laying flocks. Therefore, with high consumer demand, egg prices next spring are expected to rise above those of last spring, and profits of egg producers should improve in 1953.

Turkey producers have also been receiving lower prices as a result of record large production. It appears that the number of both heavy-breeding turkeys and small turkeys will decline in 1953, with some improvement in prices. In contrast, a small increase in broiler output is expected in 1953. This may lead to a moderate price decline and a further narrowing of the average per-unit profit margin.

Milk production, which declined in 1952 because of hot, dry weather, may increase slightly in 1953. Except for a continuation of the decline in the consumption of milk fat, consumer demand is expected to remain strong. Prices for dairy products may be a little higher. This is not expected to increase net income materially, but may result in some improvement in the relative attractiveness of dairying as compared to other farm enterprises.

Cotton and Wool. While total production of cotton has fallen off, California and Arizona had record levels of acreage and production. These two states will account for 19% of the total United States crop, an increase from 17% in 1951. A moderate increase in domestic demand for cotton will probably be more than offset by lower foreign demand, owning in large part to increases in production and stocks of cotton in non-Communist countries; consequently, a smaller disappearance of cotton is forecast for next season, and therefore an increase in carry-over supply can be anticipated.

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

Veterinary Advice, Ask Your Veterinarian

The Porterville herd of
POLANDS
Breeding stock FOR SALE
A. D. Glaves & Son
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PORTERVILLE, CALIF.

Foundation Hamps
We have open and bred gilts, young boars, and boars ready for service for sale. They are strong producing money makers.

GRAVEL HILL HAMPISHRES
HOMER DAVIS
Rt. 1, Box 463
Moorpark, Calif.

IT'S A FACT
Gentle Choose Whiter Farrow Bailey Larger Litters That Gain Faster on Less Feed—Probably Produce More Meat-Type Mark Toppers—For Facts, Write

CHESTERTON WHITE SWINE RECORD ASS'N
Levi P. Moore, Sec'y ROCHESTER, IND.

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SANTA GERTRUDIS
Breeders' International
RANGE BULLS—COMMERCIAL CATTLE
BARD RANCH, Kirkland, Ariz.

Veterinary Advice, Ask Your Veterinarian

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RANGE BULLS—COMMERCIAL CATTLE
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features:

Built for Beautiful Horses

AQHA Race Report

Finley Quarter Horses
Discriminating Buyers Want BETTER Horses

Breed for those BETTER Horses
Send a Choice Mare to

N. R. PAUL A.

One of the first
AQHA Champions, this
great champion at
many leading shows
offers the finest in
blood and reputation.

GORDON WHEELER RANCH
GORDON and ILEEN WHEELER, Owners
Eddie Evitt, Manager
Phone Pedley 5-5385
9561 Galena St.
RIVERSIDE, CALIFORNIA

We are featuring the blood of
N.R. Paul A. in our sale Sunday,
May 10, at Bakersfield, held
with B Bar D Ranch.

MAY 10
it's a good date to remember
SUNDAY
BAKERSFIELD, CALIF.

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.

WRITE FOR YOUR CATALOG

For several years, we have pointed our breeding, purchasing and
show program on establishing an important sale and now we are
ready. With some 35 head ready to sell, they represent excellent
blood of the breed, from proven families. In our efforts to produce
outstanding individuals we have kept performance a major part
of the program. You will find speed for racing, handiness for cut-
ting and ranch horses and type for show and future breeding
operations. We will feature the blood of N.R. Paul A., and a
number of other champions in this offering.

Gordon Wheeler Ranch
B Bar D Ranch

9561 Galena St., RIVERSIDE, CALIF.
12580 Filmore St., SAN FERNANDO, CALIF.
FROM the beautiful scenic tree country around Prescott into the Salt River Valley, south into Tucson, down to the lush Patagonia country and right back up through Willcox, north and west to Globe, and farther north to Flagstaff and the Seligman country—no matter where you travel in Arizona, you realize that people need, use and like good horses.

Useful ranch horses have always been an important part of the economics of raising cattle in the varied, often rough Arizona Territory. So, it is not unusual that Quarter Horses, as they are known today, are important economically in the state. But there is more—much more—to the horse business in this picturesque area.

And a good deal of interest in other breeds such as Palominos, American Saddle Horses, Arabians and Thoroughbreds has been heightened by the new ranch and city people of the state who are recent residents. Many have brought their horses with them from the Midwest and East. Others have been bitten by the horse bug when they went to the races at Phoenix or Tucson. Some want to show their horses in English saddle competition and have bought American Saddle horses.

It doesn’t seem to be quite as important how it started. What seems more to the point is what these people are doing with their horses. In short, they are using them and getting a whale of a lot of pleasure from them. Cattlemen like to race their Quarter Horses at Prescott, Tucson and Phoenix. Actually, Tucson has long been the center of the Quarter Horse racing interest, with the headquarters of the American Quarter Horse Association Racing Division. Thoroughbreds, though not as important as Quarter Horses in numbers of breeders in the state, still have racing dates at Tucson and Phoenix each year.

This year to heighten the Tucson Quarter Horse Show, long a feature event for enthusiasts of the breed in the West, the National Convention of the American Quarter Horse Assn. is being held during the competition. If you want to do something about the future of the Quarter Horse, learn more about the people in the organization, what they are trying to do, and enjoy a good show at the same time, make it a point to get to Tucson March 26 to 29. And while you are there, take a good trip around the state and see the horses they are raising. It will open your eyes and be most enjoyable, too.
Horse of the Month

J. B. KING

Owned by Jay Parsons
St. David, Arizona


Finley Quarter Horses

... they run, work and show

By RICHARD SCHAUS

PHOTOS BY THE AUTHOR

When Tom and Jack Finley were youngsters, growing up on their dad's cattle ranch just east of Nogales, Ariz., the once fashionable custom of stringing up horse thieves to a cottonwood tree had given way to the more tedious procedures of courts, trials, jails and similar mores of society. These were less effective than a stout hemp rope—but more civilized.

So when over half of a 50-head brood mare band disappeared from the Finley ranch, with all signs indicating an over-the-fenceless-border flight into the Sonora mountains, Tom and Jack's father, Jim Finley (now vice president of Arizona Cattlegrowers' Association), decided to use a little finesse to get his mares back rather than go through time-consuming legal channels.

Through his vaqueros the word went out that Finley was offering $50 to the Sonora rurales for the hide of the horse thief, the rurales at that time having a venal regard for American dinero. The rurales' reputation for enthusiastic and relentless pursuit of their duty under those peculiar circumstances was so well established that the mares were all back in their Arizona pastures within a day or two.

Same Theory. They were good mares, well conformed and regularly bred to the two Texas cow horse stallions Jim Finley kept. Today he and his sons, operating as Finley Ranches—a familiar entry listing at Quarter Horse shows and short races all over the Southwest—don't have that many mares but they still operate on the same theory: choice mares to begin with if you want to make any progress in raising Quarter Horses, especially in these days when the business is getting more competitive all the time.

Mares aren't the whole story, of course, but they are important enough that such champions as Little Egypt and Dandy Duchess (a chestnut mare the Finleys turned down a $12,500 offer for after she had won the Ruidosa futurity last year) will both go into the Finley brood mare band. They have the type and performance records the Finleys consider basic to produce the running, working and showing kinds.

Being of the famous My Texas Dandy bloodlines, they and others of their stablemates will add variety to the proved mares the Finleys own and have bred from Pigeon, the stallion they owned in 1944-46. Pigeon, by Red Joe of Arizona by Joe Reed II, is the sire of Little Egypt's dam, Little Annie Finley and several well known rodeo roping horses. He is a gelding now, and after the Finleys sold him to Tommy Rhodes he became a noted bulldogging and roping horse.

Two Stallions. At present the Finleys own two stallions, Texas Dandy and, since last summer, Catechus. They bought Texas Dandy in 1946 as a 4-year-old for $5,200, an unusually high figure for those days. He had been bred by R. C. Tatum of Junction, Texas, and was by My Texas Dandy, the sire of Clabber, Col. Clyde, Lucky and Blue Bonnet.

These four horses were all brought to the Gilbert-Chandler area, where Tom, Jack and their dad have extensive farm lands, by Ab Nicholls and his
Did you say RUN!
THAT'S JUST THE BEST THING I DO
No Matter how you look at me right or left side

I've Got What it Takes

I set and co-held the 330 yard stallion record of 17.2 seconds which lowered the former record I co-held of 17.4. Yes, this is bragging a bit, but if you want speed in your colts, I suggest you breed to speed. I am an AA horse at all distances up to a quarter of a mile and perhaps that is why I have become so popular as a steer stopping and calf roping horse. Besides, I was grand champion stallion at Tucson in 1950 and reserve champion at Phoenix in 1950. My sire is Chicaro Bill and my dam is Do Good by St. Louis. My full sister Chicado V., a 2-year-old in 1952 is AAA. Yes, if you want the best in Quarter Horses I've got what it takes to sire them for you.

my name? SENOR BILL
I'M STANDING AT STUD 1953

Franklin B. Cox
BOX 488 CHANDLER, ARIZONA
Horse of the Month

One of the prominent Quarter Horses in Arizona representing interest in good horses is J. B. King P-19,484 by Harmon Baker Star out of Lady Coolidge, owned by Jay Parsons of St. David. Foaled in 1948, this bay stallion was one of the first AQHA champions, was grand champion stallion at the Wilcox Quarter Horse Show and was reserve champion stallion at the Phoenix Quarter Horse Show, Pacific Coast Quarter Horse Assn. Show in 1952 and the Tucson Livestock Show in 1952.

As a race horse he has made a strong bid for popularity. He won his first out at Silver City, N. M., as a 2-year-old, and then ran second to Little Smoke Echols in the Southwest Futurity at Tucson. He won a race at Ruidoso and then won two races at the Bay Meadows, Calif., race meeting that year. He won one race at Bay Meadows turning the 330 yards in 17.4 seconds, and at Tucson in the mud he ran 220 yards in 12.5 seconds.

Among his first crop of colts on the ground in 1952, two have been grand champions. They are Cananea King and Miss J. B., champions at the Southern Arizona Colt Show at Benson.

Records you need

Along with this statistical information is the standing of leading sires and dams of racing Quarter Horses. Where they are, who owns them. World records are kept up to date on your files. Get the facts and keep up on how the racing industry develops.

At your fingertips

Conveniently indexed, it is easy to find the records of each horse where he placed in each race. News of the month, register of merit horses, world records and statistics on the overall racing picture departmental so you can read them easily at all regular features of this service.

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Yes, you have a complete story on every race run. There can be no argument, just look at the records, cross indexed for your own and at an unbelievably low price. This Information is not available anywhere else and costs a great deal to compile. This is a service, not designed as a money-making plan.

12 MONTH SERVICE $12

Think of it, all this information for only $1 per copy per month. This is a life worth many times its cost and will become invaluable in the future.

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American Quarter Horse Association—Racing Division
Rt. 4—Box 484
Tucson, Arizona

Gentlemen:
Please enter my subscription for 1 year for $12 for the Quarter Running Horse Chart Book. Enclosed is $12.
I understand that I will receive 12 issues of the Chart Book with all the Quarter Horse Racing Records for 1958.

Signed...

Address...

Town & State...
FOR SALE QUARTER HORSE STALLIONS BY LITTLE JOE JR

featuring


... DIAMOND TOO

Here is a strong made, useful race, working and show horse. He is powerful, has a lot of cow sense and has done well on the track. A son of Little Joe Jr., he is out of Diamond Ring by Chubby. This cross gives him valuable Quarter Horse blood. Just a 4-year-old he should be ideal to head a stud for a ranch owner or breeder who wants to raise the best.

AND OTHER GOOD ONES TOO

We have a most attractive 3-year-old stallion Diamond Point by Little Joe Jr., and out of Oklahoma Star Diamond, who with Diamond Too is at Tucson. See them at the show and races March 28 to 29. Also several younger prospects and two 1952 foals. They are bred to race.

Mr. and Mrs. Charles Bennett's

DIAMOND 2 CATTLE CO.

KIRKLAND

ARIZONA

HERE IS YOUR COLT!

PRICED TO SELL...TOP '52 COLTS!

... half-brothers and half-sisters of the colt pictured at right.*

TAKE YOUR PICK

$550

(The More You Buy— the Cheaper They Get!)

WE KNOW THESE are outstanding colts! WE DON'T THINK YOU'LL BEAT THIS PRICE ANYWHERE!

CAMELOT A RANCH

Star Route San Luis Rey, Calif.

Photo by A. L. Henley

* The colt pictured is being presented to B. J. Pierce—'52 I.R.A. Calf Roping Champ—is a product of Camelot's famous criss-cross breeding program...a mixture of King Ranch and Midnight Jr. blood.
RACING AT RILLITO—Many Quarter Horse owners will be in the saddling paddock shown here at Rillito Race Track, Tucson, as racing at this track gets into full swing this spring. Leading breeders and racing stable owners test their youngsters in this first meeting of Quarter Horses in 1953.

AQHA Race Report—
Arizonans Are Among Nation's Top Breeders of Quarter Running Horses

The racing division of the American Quarter Horse Assn. released some interesting information recently on leading breeders of racing Quarter Horses. The following listings do not include all breeders but name those that have bred 10 or more head that have qualified in A, AA and AAA time up to and including August of 1952.

Leading breeder of qualified running Quarter Horses is Rincon Stock Farm, Tucson, owned by Melville Haskell, with 26 head that have qualified. Of this group nine are grade AA. W. D. Parker, Tombstone, Ariz., stands second in the lists with a record of 17 horses qualified, with seven going to AA time. In third place is another Arizona breeder, J. Rukin Jelks, Tucson, with 14 horses qualified, six in AA time.

Standing with equal importance both in number of qualified horses and number that have run into AA time is the King Ranch, Kingsville, Texas. Then, in fifth spot is Finley Ranches, Gilbert, Ariz., with 13 head qualified, five in AA time.

Among the top 12 breeders, is one from California, the Vessels Ranch, Los Alamitos, Texas has three in the group—J. D. Hankins, Rocksprings; Tom Burnett Estate, Ft. Worth; and Garcia Bros., Encino, Oklahoma is represented by two breeders, Bud Warren, Perry; and Ronald Mason, Nowata, Mason has the impressive record of 12 horses qualified and 10 in AA time.

Of the first 12, five breeders are from Arizona, an important illustration of how much has been accomplished since Melville Haskell and a group of breeders and Quarter Horse enthusiasts met at Tucson to start an association for racing Quarter Horses. A track for short races was established first at Hacienda Mol Haquea, owned by Bob Locke, and later at Rillito Race Track on J. Rukin Jelks’ ranch. Arizona horsemen were among the first to see a bright future for racing Quarter Horses, and their efforts have been justly rewarded.

Following are the top 12 breeders in the order they qualified:

<table>
<thead>
<tr>
<th>Breeder, Address</th>
<th>Qualified AA Horses</th>
<th>Rating</th>
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<tbody>
<tr>
<td>Rincon Stock Farm, Tucson, Ariz.</td>
<td>26</td>
<td>9</td>
</tr>
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<td>W. D. Parker, Tombstone, Ariz.</td>
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<td>King Ranch, Kingsville, Texas.</td>
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<tr>
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<td>Bud Warren, Perry, Okla.</td>
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<td>J. D. Hankins, Rocksprings, Texas</td>
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<td>Tom Burnett Est., Ft. Worth, Texas.</td>
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<td>Chester Cooper, Roosevelt, Ariz.</td>
<td>10</td>
<td>4</td>
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</tbody>
</table>

Breeders had 629 horses qualified, and 254 classified AA or better. This listing is limited to those who have bred three or more of A class or two that have been classified AA or better.
His Colts **SET** and **BREAK** Records

Little Egypt, youngest of AQHA champions holds 3 world records for 3-year-old mares at 220, 250 and 300 yards and has won many show championships. Another AAA daughter is Dandy Duchess winner of Del Rio, Texas, Futurity, who also holds 330 yard record in 17.3 at Pomona. Dandy Girl holds 250 yard track record at Ruidoso. Dandy Annie holds 2-year-old 300 yard World’s Record for 2-year-old fillies. Little Annie Finley is running in AA time. These are but a few of the get of this great son of My Texas Dandy by Porte Drapeau (TB), out of Streak by Lone Star.

**TEXAS DANDY P-2112**

75% of his get that have made more than 1 start have qualified for the REGISTER OF MERIT.

---

**Raise California-Breds — Breed To Him In 1953**

Yes, this year he will stand in California at Ralph Bell’s Ranch, Visalia under lease from Finley Ranches, Gilbert, Ariz. Now you too can raise a successful colt sired by this proven sire and develop valuable California-bred colts.

**Standing Under Lease to**

**J. RALPH BELL**

617 Verde Vista
Phone Visalia 44408

---

**A Quarter Horse Sire of GREATNESS**

**CATECHU**

Standing at Stud in Arizona

One of the greatest sons of Joe Reed P-3 by Joe Blair and out of Diamond Oakes P-744 by A. D. Reed. His list of successful sons and daughters is long and illustrious. Included are Miss Mobile, Catsam, Rebel F., Mazzie Q., Cutee Bobcat, Sternduster Kit, etc. A grand champion show horse, he has sired grand champions of the show ring and the winner’s circle.

**CATECHU P-1331**

He tied for leading sire of winners at Bay Meadows last spring.

In view of interest in California-bred youngsters, we are sending a select group of mares to Visalia, under the handling of J. Ralph Bell, to raise California-bred colts, we invite you to stop by and see them. Come to the ranch during your stay in Arizona for the AQHA convention. We will be glad to see each and every one of you.

**FINLEY RANCHES**

**GILBERT, ARIZONA**
Built for Beautiful Horses

By RICHARD SCHAUS

METICULOUS attention to details, both in style features and in planning stable, horse training and breeding operations, make Brusally Ranch, north of Scottsdale, Ariz., an outstanding layout. Ed Tweed, the owner, is a retired architect, and the buildings and other facilities successfully combine a maximum of utility and convenience with the appearance of subdued elegance.

The main building is T-shaped, and Tweed has achieved a pleasing “mission” appearance on the exterior. The roof lines of the top of the T part of the building form an offset angle, and they blend harmoniously with the roof lines of the stem of the T, a merger, when the roof angles are varied—an effect that isn’t accomplished easily.

The stables, a show ring and six pastures cluster around the center of the 160-acre desert plot. Forty acres will be left as desert. About 80 are being farmed, and an artificial lake of extensive proportions is being excavated now on the other 40 acres. Its banks will be planted to grasses, such as wild rice, that will attract water fowl, game birds as well as smaller species of all kinds. The lake will be planted with bass and will serve also as a flood control project and water reservoir.
FOR SALE

5 JOE REED II Colts

Entered in 1953 2-year-old $25,000 Calbred Stake and 2-year-old $20,000 Pacific Coast Futurity.

They are started, are bred to run, are good model Quarter Horses and are out of proven dams. Only a few colts entered in these races are available. One of these colts can win these feature events. Buy a colt ready to run this year.

Congratulations to buyers of 1953 Calbred racing prospects:

Dr. Ruthella Wilcox, Rolling Hills, Calif., who purchased Sierra Courage.
Mr. and Mrs. Roland Manary, Mt. Shasta, Calif., who purchased Joe Possum.
C. W. Grissom, Farwell, Texas, who purchased Sierra Mousie.
Arnold Aufill, Torrance, Calif., who purchased Sierra Benita.

AT STUD 1953

JOE REED II

Joe Reed P-3—Nellene by Fleeting Time.
$250 season return.
Accommodations for mares $1.50 per day.

WESTMINSTER, CALIF.

CASEY TIBBS

World’s Champion* Cowboy wears

Lee Riders

Casey says . . .

"I’ve worn ‘em all and for my money Lee Rider Cowboy Pants and Jackets are best for looks, fit, comfort, and wear."

SANFORIZED for Permanent Fit
Shrinkage Not More Than 1%

*1951 R. C. A. rating

None Genuine Without This Branded Cowhide Label

THE H. D. LEE COMPANY
Kansas City, Mo.
ing, she should be something.

Speed Breeding. There should be lots of good racing Quarter Horses from Arizona this year. Many breeders have been breeding for speed for some time and they are really getting the job done in producing horses with speed. Franklin Cox, Chandler; Finley Ranches, Gilbert; J. Rukin Felks, Tucson; Melville Haskell, Tucson; Art Pollard, Tucson; George Walker, Skull Valley; Kemper Chafin, Prescott, and many more have done an excellent job of raising those horses that can cut. And, don't forget Jay Parsons at Benson; Ralph Feffer at Phoenix and many more. But here too Quarter Horses have been trained for other things and they make wonderful ranch horses. If you don't believe it, ask Walker Brownlee, Scottsdale; Harry Irving, Skull Valley, or Jeb Stuart Paulden.

At the annual meeting of the Arabian Horse Breeders of Oregon, Loyd Silva, Grants Pass, was elected president; Rey Parodi, Molalla, was named vice president; Mrs. Pearl Hampton was elected secretary and L. D. Corl, Corvallis, became the new treasurer. New directors elected were Dr. C. H. Palmer, Portland; L. D. Corl and Mrs. Pearl Hampton. No immediate plans were set forth for an auction which was originated last year, but dates for the 1953 show were discussed and the fourth week end in June was suggested. These dates are being requested from the American Horse Shows Assn. However, the show will not be held at the Pacific International grounds, since the facilities are now leased to the Army. A place for the show was not settled on at the meeting held at West Linn, Dec. 6.

Ella Mae Shofner Hansen and husband, Homer are the proud parents of a blue-eyed baby girl, Lera Marie, born Dec. 19 at the Huntington Hospital, Pasadena, Calif. Lera Marie was named for her grandmother, Mrs. Floyd Shofner, San Marino, and Mrs. Homer Hansen, South Pasadena.

JUNIPER

AQHA 10,894

AT STUD

The cowboy's horse of today. Sired by Midnight Jr. and tracing back to Ace and A. D. Reed on his dam's side.

See his colts

THEY SPEAK

FOR THEMSELVES

Fee $50.00, return.

AL WINN

Rt. 1, Box 481
Phone 54963

PETALUMA, CALIFORNIA

Remember to Mention WESTERN LIVESTOCK JOURNAL When Writing Advertisers
Lucky Ed.
IS FOR SALE

Lucky Ed. P-25,125, is sired by Ed. Echols by Zantancon by Little Joe by Traveler. His dam is Lucky Bonnie by McGonigal's Lucky by Old Lucky.

This terrifically proportioned 4-year-old stallion exemplifies the breed in all its splendor. He has won 2 of 3 stallion classes that we have entered him in. LUCKY ED. ran AA his first crack at the track and won in AA his last outing at Rillito.

His first colts came last spring and his are the only colts we have that we definitely want to keep. Della P (Barbella's dam) now has a foal by him and we have two other AA mares in foal to him.

We are, for the first and only time offering this brilliant stud FOR SALE. Meanwhile he will be campaigning at Rillito and available for stud service ($100) at the LIGHTNING A RANCH.

Ride in at your earliest convenience . . . where visitors are friends and friends are forever welcome.

ART POLLARD'S Lightning A Ranch
TANQUE VERDE ROAD TUCSON, ARIZONA

Come to TUCSON — MARCH 26-29

See TUCSON QUARTER HORSE SHOW

Working in close coordination with the National Convention of the American Quarter Horse Association, we will present what we believe is the best Quarter Horse event ever held. Your horses will make it even better and you will compete against the best in the West. 12 conformation classes will be held with $150 per class offered. Entry fee for each entry in each class only $5. Performance classes for your best horses including a registered Quarter Horse Calf Roping Contest $1000 with entry fees of $40 added. Also a registered Quarter Horse Team Tying Contest conducted according to RCA rules. Purse $500 with $50 entry fee per team added.

Enjoy NATIONAL CONVENTION OF AQHA

For the first time in Arizona this convention will bring you close to the association workings that help develop progress for the Quarter Horse. Come to the general meeting, watch the results of the executive committee and really enjoy renewing friendships and making new ones.

Watch $3,000 CUTTING HORSE CONTEST

Held with the show this year will be this feature event open to all cutting horses. Entry fees of $125 will be added.

Write FOR ENTRY BLANKS AND INFORMATION

TUCSON Don Bell, Tucson Chamber of Commerce ARIZONA
AQHA Convention—
Big Quarter Horse Show Planned as Highlight of National Meet at Tucson

On to Tucson! These words will be on the lips of many leading Quarter Horse owners and members of the American Quarter Horse Assn. who will be wending their way to the Arizona metropolis for the opening of the national convention of the AQHA on March 26. But the convention is just part of the activities. Preparations are under way for one of the largest and best shows ever to hit the arena at the rodeo grounds, and visiting horsemen will see the best in Quarter Horses perform. The show, of course, is open to competition from any state in the union, and it is anticipated that many good horsemen will bring along their best horses to compete for the purses. A $3,000 cutting horse contest is set up for all comers. An entry fee of $125 will be added to the purse to give riders of these practical horses something really big to shoot for. Then, too, there will be a calf roping contest for registered Quarter Horses with a purse of $1,000 and an added entry fee of $40. And that is not all. Some of the best team ropers in the country will compete for the $500-purse in the team tying contest for registered Quarter Horses, and an entry fee of $50 per team will be added to the purse. On the halter show side of the competition, $150 per class is being offered to winners in each of 12 conformation classes. An entry fee of $5 is required for each entry in each class. Champions in all divisions will be crowned after class winners have been named.

Every effort is being made to establish this as one of the leading Quarter Horse shows in the country this year and entries are anticipated from many states, rivaling the large shows held at Tucson prior to the war.

American Quarter Horse Assn. Convention Program
Tucson, Arizona
Thursday, March 26
Committee meetings, registration, Santa Rita Hotel
8:00 a.m. Horse show, go-round 1:30 p.m. Horse show, conformation classes
9:00 a.m. Annual meeting of AQHA members
10:00 a.m. Horse show, performance classes
2:00 p.m. Races at Rillito race track
9:00 a.m. Meeting of AQHA board of directors
10:00 a.m. Horse show, conformation classes
2:00 p.m. Races at Rillito race track
12:30 p.m. Luncheon for directors and guests
2:00 p.m. Horse show
Sunday, March 29
10:00 a.m. Horse show, go-round performance
2:00 p.m. Races at Rillito race track
8:00 p.m. Horse show finals.

Pony Demand—
According to Jane Clark in the Maryland Horse, some 1,377 head of ponies, 90% of which were registered Shetlands, went under the auctioneer's hammer for over $400,000 the first 8 months of 1952. One pair of registered Shetland ponies sold for $3,000.

"This year (1952) I've noticed a good many new buyers, which means new breeders, who in turn will interest other breeders and so the snow ball grows and grows as it rolls. Yet, I think the Shetland Pony is a sound investment," comments Miss Clark.

Do You Have a Colt Like This?

HE'S A GRAND CHAMPION
sired by
J. B. KING
P-19,484
HORSE OF THE MONTH
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 Coaldige. Grand Champion at Willcox, Ariz., he 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 330 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 Manita. Stud Fee $100.

CANANEA KING
Weanling son of J. B. King, he was grand champion stallion at Southern Arizona Colt show. Also from J. B. King's first crop at colts in 1952 is Miss J. B. grand champion mare of the same event. You can get colts like these by breeding your good mares to him this year.

JAY PARSONS
ST. DAVID, ARIZONA
Racing Quarter Horse
A U C T I O N
Sunday, April 19, 1 p.m.

20 HEAD
2-year-olds entered in $25,000 Calbred Stake
Racing Stock

VESSELS RANCH
Los Alamitos California

During Quarter Horse Racing

Los Alamitos Race Course
APRIL 18-MAY 9
5 Days a Week
Vessels Ranch, Los Alamitos, Calif.

THREE BARS
IS SIRING SPEED

Look at his colts

When you look at them you notice they have type, quality and sense. When you watch them run you know they have speed, they are feature winners. Here are a few of his successful colts, running in AAA time—Bardella, Tonto Bars Gill, Gold Bar, Cee Bars. Others you know as speedsters are Tonto Bars Gill, War Bar, Barred, Barjo, Nug Bar, First Reader and First Bar.

Sidney Vail
DOUGLAS, ARIZONA

By Percentage-Myrtle Dee

FEE $500 SEASON RETURN
Standing at Dart Ranch

THREE BARS COLTS FOR SALE
We have 3 colts, 2 horse colts and 1 filly for sale. They have style, type and look like winners.

Cutmin' Hosses
by LOUISE MONJOT

A GREAT deal has happened since June 3, 1950, when a handful of cutting horse owners from Arizona, California, Idaho, Nevada, Oregon and Washington gathered in Sacramento, Calif., to organize a cutting horse association for the Pacific Coast. Since that day the membership of the PCCHA has grown to 200, and a marked increase has been evident in the number of horses shown, the number of shows and the amount of money won.

The Pacific Coast Cutting Horse Assn., recently wound up its most successful 'year with the championship show at the Cow Palace at San Francisco, at which time purses for the year totaled $57,000.

Starting the 1953 season was the Silver Spur Riders Show at Yuma, Ariz., on Nov. 23 where 12 horses worked for a total of $790. Winners were Don Dodge on Snipper W, first; Chuck Olson, Yuma, Ariz., on Smokie Joe, second; Bill Schwintz, Saticoy, Calif., on Josie, a mare he purchased from Bill Iler of Ft. Worth, Texas, third; and Slim Trent, Prescott, Ariz., on Clay Pigeon, fourth.

In the novice class nine horses worked for $280 in purses. The order of finish was Schwintz on Josie and Jamie Williams, San Diego, Calif., on Jingles Pride, tied for first; Trent on Bunky Bae, third; and Al Monjot on Honest Chic, fourth.

Dodge presented the second cutting contest of the season, the Barbara Worth Horse Show, on Dec. 12 and 13. Sixteen horses competed there for a total of $1,400 in three go-rounds and finals. Fifteen horses were entered in the novice class where a purse of $375 was offered.

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<td>Sandy Mush</td>
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<tr>
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Western Livestock Journal
Horse Breeder—W. D. Parker, Tombstone, Ariz., long recognized as a leading breeder of Quarter Horses in Arizona, now stands second in list of breeders of Register of Merit Quarter Running Horses, according to statistics published recently by the American Quarter Horse Assn. Leading breeder is Melville Haskell, Tucson, Ariz., who has raised 26 head that have graded A or better for racing. Parker has raised 17 head including Ed Heller, Parker’s Trouble, Hula Girl, Carmel Lady and many others.

Stuart Elected—
R. A. "Jeb" Stuart, Paulden, Ariz., was elected president of the Arizona Quarter Horse Breeders Assn. for the second year at the annual meeting of the group, held at the Adams Hotel, Phoenix, late in 1952. J. E. Browning, Wilcox, was re-elected vice president and George S. Walker, Skull Valley, was re-elected secretary for 1953. Directors for the coming year, other than elected officers, are Glen Chipperfield, Phoenix; Franklin B. Cox, Chandler; Harry Irving, Skull Valley; C. A. Lakin, Litchfield Park; Joe McCrory, Phoenix; Lonnie McFadden, Chandler; Frank Owenby, Dragoon, and Jay Parsons, St. David.

Many plans have been developed for entertaining members of the American Quarter Horse Assn. who will be present at the National Convention, Tucson, in late March. Horse show and races will be held and members of the AQHBA will cooperate in developing the program and bringing entries for the different events.

New Rules—
In order for a cutting horse to have points tabulated for the top 10 in the Pacific Coast Cutting Horse Assn., his owner must be a member of the organization. A rider is now permitted to ride two horses in a novice cutting horse contest. A rider may only ride one horse in open competition.

Choice Arabians for Sale
From our select foundation, we have raised several attractive youngsters based on our program which includes the blood of Antez, Ghost, Abu Farwa, Ferseyn and Hamad blood. We offer these for sale at conservative prices—they are show, breeding and pleasure prospects.

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Ideal for the Trail and Range

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MORGAN HORSE MAGAZINE
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MASSACHUSETTS
now published monthly at $3.50 per year Profusely Illustrated
Contains many interesting articles.

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"I have a new home in Cuba BUT
there are several half-
and three-quarter broth­
ers and sisters of mine
at the ranch. They can
win for you.
Due to a severe stifle in­
jury my daddy, Joe
Clayton P-3253 has re­
tired from arena com­
petition. He is now
booking for 1953."

STUART RANCH
PAULDEN, ARIZONA
Quarter Horse Racing—
$25,000 Stake for California-bred
Two-year-olds Scheduled for 1953

It often takes a long time for things to come to a head, and so it has been with the development of Quarter Horse racing in California. A steady, healthy and prosperous growth in the industry has been shown in the past three years, culminating in 1953 with the first $25,000 guaranteed feature race for California-bred 2-year-old Quarter Horses.

Much work on the development of the race has been done by the Pacific Coast Quarter Horse Assn. and the Pacific Coast Quarter Horse Racing Assn. When announced, the race will be held during the fall racing meet at Bay Meadows Race Track under the management of the California Jockey Club. William Kyne, manager of the track, has guaranteed that the feature will offer $25,000 to be divided in the trials and in the final.

Entries for the 2-year-old stakes—open to California-bred horses only—were due Jan. 10. But by paying a $100 penalty fee, horses can be entered until Feb. 28, when the second nomination fee of $25 is due. On April 30 a $50 payment is necessary and on June 30 a $100 payment comes due. Before any horse enters the gate a $200 starting fee is to be charged. The $25,000 prize will be divided into two purses, one of $7,000 to be distributed in the trials with 35% going to the winner, 20% to second, 15% to third, 10% to fourth and 5% to fifth. The remaining $18,000 will be distributed to the winners in the finals to eight places.

If for any reason it becomes impossible to run the race during the fall meeting at Bay Meadows, the race may be run elsewhere. This $25,000 feature will be the first of its kind for Quarter Horses and is the largest single regular feature established for the breed in the country. Breeders figure that races of this kind will stimulate new interest in California-bred Quarter Horses and will establish a new interest in the breed in many parts of the country.

WHAT MAKES A PAIR OF BOOTS?

One pair of boots may look "just as good"—but, before you decide, investigate the materials and workmanship carefully. NOCONA BOOTS have attained worldwide fame for their top quality materials, skilled craftsmanship and attractive styles. Wear NOCONAS for economical foot comfort and long-lasting beauty.

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Made in NOCONA, TEXAS, by
The NOCONA BOOT Co., Inc.
ENID JUSTIN, President

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Sales, Rodeos,
Horse Shows
SALES RING and AUCTIONEER
PLATFORM Complete
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Special!
New • Improved
PARIANI

CUT BACK
FORWARD SEAT SADDLE
with Duraluminum TREE

Extra strong
Extra light
Molded flaps complete
EVERYTHING for the RIDER

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AMERICA'S LARGEST RIDING SHOP

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