Almost without exception, cattle feeders who try Cane Molasses continue using it year after year. They consistently report faster gains at lower cost. Economical Cane Molasses practically equals grain in feeding value, and is rich in essential vitamins and minerals. (See laboratory reports in booklet, offered below.) "Feeding for Profit" tells the whole story. It is the most comprehensive booklet on Molasses feeding ever published. Send for your copy today.
We liked the calves from Baca R. Domino 2nd so well that we acquired the outstanding bull, Baca R. Domino 76th, a son of O. J. R. Royal Domino 10th, and a grandson of the great W. H. R. Royal Domino 51st. He is also a full brother to Baca Heiress 2nd, grand champion female at Gunnison 1943, the New Mexico State Fair, and high selling heifer at Denver 1944. He is rich in "the blood of the year." . . .

We have 12 splendid females from Baca Grant already in our breeding herd.
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The risk of serious losses from most of the prevalent diseases is no longer necessary.

Prevention by vaccination is now so dependable and so inexpensive that it should be done as a routine operation on a far more extensive scale than has commonly been the practice.

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O. M. FRANKLIN SERUM COMPANY
DENVER, KANSAS CITY, WICHITA, ARLINGTON, ST. PAUL, MADISON
MARFA, ALLANILE SALT LAKE CITY, LOS ANGELES, CALGARY

Wherever There's Livestock There's Need for Franklin's

Outstanding Leadership In Blackleg Prevention!

Be sure to use FRANKLIN Concentrated Culture Blackleg Bacterin—and you can be sure of practical protection.

Franklin famous SMALL dose, one shot immunity is the first choice of America's cattlemen. For outrivals any other brand. Insist on the Star-signature trademark.

10c with quantity discount.

Setting the Pace for Safe Protection at Low Cost

DOUBLE PROTECTION in the FRANKLIN Clostridium Chauvei Septicus Bacterin, because it combines an immunizing dose against Blackleg with an immunizing dose against Malignant Edema.

DOUBLE VALUE because the price is but 10c a dose.

Do You have This Catalog?

Every stockman will find much of value in this handsome 1945 edition which will be gladly mailed upon request. Send for your copy today.
BASIC cancellations of war contracts and dismissal of many thousands of workers in war plants have not materially affected retail sales nor demand for food yet with the outcome of the war with Japan definitely determined except for the actual day of victory, every mind is now giving thought to the future.

What will livestock be worth a year from now, or two years from now? Will there be too many cattle to be marketed after the shooting stops? What can a man afford to pay today for replacement cattle, or for breeding stock? What will happen to swollen land values?

THERE ARE MANY schools of thought. Some people are selling heavily; in fact, some people are converting land and cattle into cash while prices are high in relation to values before Pearl Harbor. On the other hand, for every sale, there is a buyer. This means that while one man may lack confidence in the future, another man may feel that further inflation is on the way and the best investment next to War Bonds, may be land and livestock. From my own acquaintance with buyers and sellers, it appears to me that smart men are selling, and smart men are buying.

One of the most brilliant and successful businessmen of my acquaintance writes: "There is some doubt in my mind that this is the time to sell cattle. After every big war in this country, the level of prices has gone up and stayed up. In other words, the dollar has been devalued. In this country's history, no war has approached being so costly. With a $30 billion debt, dollar deflation seems inevitable in order to carry it. You may as well say we already have inflation. I don't see how we are going to recede from this price level without national financial collapse. We cannot and should not lower wages. Accordingly, I cannot see lower prices."

WHATEVER MAY BE an individual's concept of the future, it is always good business to operate on a sound basis. Keeping this in mind, stockmen generally are taking full advantage of prevailing prices to cull herds, clean up indebtedness and be prepared for whatever may come.

Some are inclined to feel that the slaughter of 35 million cattle and calves this year, a number about 11 million above the prewar average, may cause cattle inventories to drop to a dangerously low level. Last year, 42% of the calf crop was slaughtered. Calf slaughter continues heavy this year. U. S. slaughter figures show that the proportion of cows and heifers going onto killing floors is far above normal. It means that we are cutting down our potential beef supply, possibly to such an extent that the shortage of beef may pave the way for some of our people in Washington to admit Argentine beef.

ACTUALLY, IT WOULD SEEM that the best means of properly balancing the U. S. beef supply is for each cattleman to balance his own operations on the basis of the most practical carrying capacity of his own land. Most men know whether they are understocked or overstocked. It isn't sound from a financial standpoint to have more cattle than land can efficiently handle, nor is it sound to be understocked.

There's no doubt that many ranches have been handling more cattle than good business judgment would dictate. A surplus of cattle not only is a threat to the man who is carrying too many cattle, but it is a threat to all other owners of cattle.

THERE ISN'T THE THREAT of wholesale forced marketing that plagued the cattlemen immediately following World War No. 1 because most of the cattlemen are in strong position financially and there will be no need for heavy forced marketing if and when consumer buying power eases off.

This writer hasn't attempted to tell anyone whether prices will go up or down, because naturally we have no means of knowing. But we do wish to convey the thought that there is no apparent threat to force the sharp deflation in prices that occurred back in the early twenties.

Monthly Feature Issue of

WESTERN LIVESTOCK JOURNAL

Published Weekly on Tuesday with a Feature Issue on the Fifteenth of Each Month

Vol. 23, No. 38 June 15, 1945

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PECK & BILLINGSLEA
123 W. Madison St., Chicago (2), Ill.
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SUBSCRIPTION RATES
Monthly Feature Issue Only, $1.50 per year, 2 years, $2.00. Combined Monthly and Weekly Issues, $2.00 per year, $3.00 for 2 years.

Published Also of WESTERN DAIRY JOURNAL
Monthly, $1 per year; 3 years for $2.

Entered as Second Class Matter Dec. 28, 1939, at the Post Office at Los Angeles, Calif., under the Act of March 3, 1879.

OUR COVER PAGE by Henry L. Washburn, Santa Cruz, Calif., recalls the words of the late Senator Ingalls—"GRASS is the forgiveness of nature, her constant benediction. . . . It yields no fruit in earth or air, yet should its harvest fail for a single year famine would depopulate the world." Read NOW'S YOUR GRASS, current story by two California authorities—Reuben Albaugh and Burke Jones.
The New Improved Calf Chute

Since priorities became effective we have not been able to fill all orders for both the large Cattle Squeeze and the little Calf Chute.

Our greatest problem during this period has been to supply equipment to those in greatest need and, at the same time, stay within our quota limitations.

We are now happy to announce that we have received official information from Washington which reads in part: "ALL PRODUCTION QUOTA LIMITATIONS ARE REMOVED EFFECTIVE JULY 1, 1945."

This is good news, but brings us face to face with another problem—that of obtaining the necessary materials and adequate manpower to fill all incoming orders.

However, we are hopeful of being able to expand our output and earnestly ask for your cooperation. If you want TECO equipment items this fall, your one protection is in getting your orders to us NOW.

A. C. Thompson

Carl Gill

Thompson Equipment Company

MADERA -- CALIFORNIA

Livestock Markets

By PURL R. MANIFOLD

PROBABLY the most important recent development in the over-all livestock situation was the Fred M. Vinson order of May 18, extending government subsidies direct to cattle feeders producing the upper grades of beef.

In his latest directive, Mr. Vinson ordered the payment of $50 per cwt. to producers of good and choice grade cattle as an extra inducement for increased and longer feeding and at the same time announced that there would be no lowering of the overriding ceiling and stabilization price ranges for beef without at least six months' advance notice.

The new feeder subsidy is based on weight and price of cattle involved, rather than on actual packing house carcass grading. The intent, however, is coverage only of cattle that will yield A and AA beef. Weight of the animal must be 800 lbs. or over and the animal must sell at $14.25 and above, Chicago basis.

With the zone price differentials this means the new subsidy applies to cattle selling at $14.95 and above at West Coast markets, that being the bottom of the stabilization range on "good" cattle in Zone 1, embracing California, Washington and Oregon.

To collect the subsidy the procedure to be followed by the producer or feeder is to present the account of sale and receive from the market agency to his county AAA committee with a statement as to the length of time the cattle had been owned, for certification to the Commodity Credit Corporation, Washington, D. C.

Only cattle sold to bona fide recognized slaughterers are eligible to the 50c extra subsidy. This provision, of course, is another dart aimed at the bold, bad black market.

Cattle and Calves

Movement of cattle to market during the past month held up well, but there was a tendency towards smaller marketing. The margin of increase over corresponding weeks last year ran considerably under the first four months of the current year.

Quality of cattle continued to decline as marketings switched more to grass-fed stock. Actual figures are not yet available but it is highly probable that total U. S. production of beef for May was less than for the same month last year, in contrast to substantial increases in the first four months of the year.

Condition of early grass cattle from Meat production in the United States, 1910-45

<table>
<thead>
<tr>
<th>POUNDS (BILLIONS)</th>
<th>Total meat</th>
<th>Pork</th>
<th>Beef and veal</th>
<th>Lamb and mutton</th>
</tr>
</thead>
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<tr>
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<td>8.1</td>
<td>1.3</td>
<td>6.8</td>
<td>0.0</td>
</tr>
<tr>
<td>1915</td>
<td>8.3</td>
<td>1.4</td>
<td>6.9</td>
<td>0.0</td>
</tr>
<tr>
<td>1920</td>
<td>8.5</td>
<td>1.5</td>
<td>7.0</td>
<td>0.0</td>
</tr>
<tr>
<td>1925</td>
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<td>1.6</td>
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<td>9.6</td>
<td>1.9</td>
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</tr>
<tr>
<td>1945</td>
<td>9.9</td>
<td>2.0</td>
<td>7.9</td>
<td>0.0</td>
</tr>
</tbody>
</table>

Meat production in 1945 is indicated to be about 22.5 billion lbs. (dressed meat basis), about 9% less than the 24.5 billion lbs. produced in 1944. Production of beef and veal in 1945 may be about 5% larger than the previous high of 7.3 billion lbs. in 1945.

Pork production increased from the comparatively low level of 7.3 billion lbs. in 1945 to a high of 13.3 billion lbs. in 1949; it was reduced slightly in 1944 and for 1945 output is indicated at 10.3 billion lbs., 20% smaller than in 1944 and 23% smaller than in 1942.

Output of lamb and mutton in 1945 may total about 900 million lbs., about 10% less than in 1944.
True Truck Engineering

Powerful truck engines—Six chassis types—for 95% of all hauling jobs.

FAMOUS FORD FEATURES

- Service ease...all chassis units readily accessible, hence—
- Low maintenance cost.
- Universal service facilities.
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- Powerful hydraulic brakes—exceptionally large cast drums.
- Needle bearing universal joints.
- Shift-Style speedometer dial—never fool—never wear.

You know every acre—yes, every foot—of your land, because you've probably been over it many a time. You know where the wind hits hardest, or the snow drifts deepest, or the rain soaks in quickest. You know where any given crop thrives best. Of course you do. You've had experience—you're an expert on that farm.

There's a similar wealth of experience back of your Ford Truck. Ford Motor Company has built more trucks than any other concern in existence. They're all over the world. There are hundreds of thousands of Ford Trucks right here on America's farms, doing their capable best in the stupendous job of helping to feed and clothe half the world! Nearly a million more Ford Trucks are serving businessmen in towns and cities.

Experience put them there...the experience of more than thirty millions of owners of Ford-built vehicles...experience that has proved the rugged reliability of Ford products, their economy, their simplicity, their extra strength and endurance that show up after they've delivered all you expected and more.

When you're farming to earn a profit, you put your labor and thought into proved propositions. Invest your transport dollars on the same basis and you'll buy Fords—the trucks that pay out.

"STARS OF THE FUTURE" Listen to the new Ford musical program on all Blue Network stations. Every Friday night—8:00 E.W.T., 7:00 C.W.T., 7:00 M.W.T., 6:30 P.W.T.
WHEN WALLS LOOK DARK, DULL, FADED!

GIVE THEM NEW LIFE OVERNIGHT
WITH EASY-TO-USE FULLER PAINTS

FULLCOAT for bedroom, dining room, living room, hall—

You can have clean, colorful, new-looking walls—with One-coat Fullcoat. It covers any surface, even kalsomine and most wallpapers. Do the job yourself, though you think you're a novice, for Fullcoat is "quick and easy" to use! And how it lasts—w withstands repeated washing! Yes, its oil-base body assures you long, color-keeping service. You can Fullcoat an average bedroom for only $2.75

FULLERGLO for kitchen, bathroom, nursery—

Here's where you need a tough-bodied paint that "takes" steam—repels dampness and dries without injury to surface or color. Fullerglo does it! Easy to apply, it stands hard wear in rooms that get the severest home use. Stains come off readily with just soap and water. Appealing decorator-selected colors! Refinish the average size kitchen for only $4.00

California grasslands was good, reflecting improved range and pasture conditions. A recent state report covering the first five months of 1945 showed better and range ratings in California this season have averaged three points above the 20-year average, whereas a year ago was 12 points below the 20-year average. Green feed has dried up in a good many areas, but, generally speaking, reports indicate a much better over-all feed situation than prevailed a year ago.

There is a general feeling of optimism over the future stability of prices for all classes of cattle and little dispose on the part of cattle holders to rush shipments of grassers to market. The prevailing attitude is to pursue an orderly system of marketing, cashing only the better fitted animals and holding the thinner kinds for further fleshing on grass or grain.

Prices on all slaughter cattle were well maintained during the past month, particularly on the upper grades of grass-fed. Strictly choice long-fed steers reached $18 at Chicago and $17.50 in some of the Missouri river markets.

The Chicago peak, for the first time equalled the overriding ceiling price for that market.

Because of less attractive finish Western Coast tops were not so outstanding. At Los Angeles Union Stock Yards the extreme top on fat steers in carload lots during May was $17.50, or $1.10 under the ceiling price, $18.60. On June 3, a half load of choice 1477-lb. Utah was scored the ceiling price of $18.60, recent high price on the Los Angeles market. In May, 1944, high point on fat steers was $17.25 at the Los Angeles yards. In testing to the good quality of the grass-fed offerings were sales of California grass steers at $15.50 to $18.75 during the month.

Some seasonal decline was registered during the latter part of the month on common grade steers and most of many of these coming in for a $0.50 to $1 break from the high point in April. A few best cows touched $15 during the period, which compared with a similar top in April, and $13.60 for corresponding month in 1944. Inclusion of commercial cows in government set-asides was something of a disturbing factor in the market near the close of the month. This took some of the edge off the market for the upper grades of cattle, as well as for the lower types.

Good heifers were scarce, with odd head reaching $16, but only numbers sold above the $15 line. Calves and vealers were in lighter supply than in earlier months of the year, but the market was rather leisurely in the lar, showing some strength early in the period, but later working to a lower level. During the first week choice veals took up to $17.50, high point of the year. During the second week choice veals were $15.50 to $16.50 taking best selections near the $15.50 bracket, with $15.15 down into the $15 bracket, $15.50 taking best selections near the $16.50 bracket.

Weight weaner calves were in weaker and feeder purposes were at $14 to $15.50. Demand for good-quality stocker and feeder steers showed more breadth than usually prevails at this season of the year. Volume of trading in such material was fairly large, but common cow was very thin kinds were more or less drain. Quite a few desirable
MEET THESE CATTLEMEN IN WHITE

...who work for YOU

Yes, they're cattlemen, too, these Cutter scientists. They're experts in raising livestock—to be healthy, disease-free, more valuable to their owners.

How do they go about it? In exactly the same way that they produce the vaccines and serums your doctor uses, to protect you against disease.

Products developed with patient painstaking care in the laboratory are put through the paces on the range itself. Each must pass the most critical test: does it really do a job—does it prevent the disease for which it is intended?

Even a partial list of products developed by Cutter "cattlemen in white" speaks for itself.

GONADIN—sex-stimulating hormone, making possible regulated breeding season and increased yield.

You can depend on the potency, the peak efficiency, of these and all Cutter veterinary products. Cutter's continuing research, their determination to improve where no improvement seems possible, is your best guarantee.

Why not make it a habit to specify Cutter whenever you buy disease controls?

CUTTER LABORATORIES, BERKELEY, CALIFORNIA
Phenothiazine makes them healthy

It only takes a few worms to make a good calf a poor calf. That's one reason why more and more cattlemen are using Phenothiazine regularly to keep worms under control.

Another reason is this: Phenothiazine is really effective. It kills more kinds of worms than any other known drug. But—best of all—you can feed Phenothiazine, mixed in ground grain or ensilage. That saves labor and saves handling the animals. You can also use Phenothiazine as a drench, or in capsules and pellets.

Du Pont makes the Phenothiazine

Worm control in farm livestock has come a long way since Phenothiazine was discovered. And Du Pont, its pioneer manufacturer, continually works with scientists, suppliers of livestock remedies and with livestock men themselves to help you get greater benefit from this remarkable drug. Ask your dealer or supplier for worm remedies that contain Du Pont Phenothiazine.

And let us send you our free booklets on the use of Phenothiazine. They are yours for the asking. E. I. du Pont de Nemours & Co. (Inc.), Grasselli Chemicals Dept., Wilmington 98, Delaware.

moved at $13.50 to $14.50, with odd loads upward to $15. Country buyers picked up a good many well bred yearlings at $12.50 to $14.50. Feisty well-bred feeding heifers sold up to $12 and a good class of young feeding cows at $9 to $10. Plainer sorts dropped to $8 and below.

Hogs

As far as prices were concerned there was nothing new or startling to report in the hog market for May. Scarcely distorted full ceiling prices on anything in the porcine line suitable to go into slaughter. Meager daily runs at Los Angeles were cleaned up on a $15.75 basis for butchering classes and $15 on sows and stags. An avid demand prevailed for feeder pigs. Choice feeder pigs hit $25 a cwt. at the Los Angeles yards, to equal the all-time price record for such stock. Sales at $20 to $23.50 were numerous.

All markets continue to draw limited supplies of hogs, in marked contrast to a year ago, when hogs were being dumped on a demoralized market at a heavier rate than packers with crippled labor forces were able to absorb.

A glance at the record shows that a year ago good to choice butcher hogs were selling at the “floor” or $14.75, with many that failed to get into the preferred “good and choice” class, going well below the pegged support price.

WPA has announced removal of all weight limits on hogs as far as support prices are concerned. It is now announced that prices will be supported until Sept. 1, 1946, at $13 a cwt., Chicago basis, for all and choice barrows and gilts, regardless of weight. This means a $14.00 floor at West Coast markets. OPA has also announced there will be no reduction in hog ceilings prior to Sept. 1, 1946.

Sheep and Lambs

A lower trend featured the sheep and lamb market during the greater part of May, good spring lambs working down to a $14 to $14.50 basis at Los Angeles by mid-month, but lighter supplies towards the close of the period caused a substantial rally, better kinds moving up to a $14.50 to $15.25 schedule with some strictly choice weighty lambs making $15.50 for an outside top. Fat shorn ewes moved at $6.75 to $7.50 for the better descriptions.

BUY WAR BONDS

Field Day at

Brown Hereford Ranch

Stockmen of central California had opportunity to observe progress in development of dry range reseeding at the Brown Hereford Ranch near Wilton in Sacramento County, June 5. A number of demonstration plots were studied. Arthur E. Brown, owner, was host. He has been cooperating with the division of agronomy and extension service, University of California.

Speakers included: Dr. R. M. Love, division of agronomy; B. J. Jones, extension specialist in agronomy; Ward Shepard, extension specialist in animal husbandry, University of California; and Ray Geibiger, assistant county agent, Sacramento County.
This photograph shows the "Caterpillar" Diesel D3400 Electric Set installation—on the William B. Ward ranch, Miner, Montana. This outfit generates current for lights and power for ranch houses, barns, machine shop and other ranch uses—does its work on an average of only one gallon of low-cost fuel per hour.

A self-contained "Caterpillar" Diesel Electric Set is easy and inexpensive to install. Simplified design, including self-regulating generator, leaves the operator little to do except to start and stop the set. No switchboard or voltage regulator required.

Today, the huge war demand for simple, dependable "Caterpillar" Diesel Electric Sets has interrupted their purchase by ranchers. But when they get through "pointing" AA guns, helping detect Axis planes, refrigerating chow, lighting barracks—they'll be available again to grind stock feed, pump water, power all kinds of ranch and household equipment; make electric energy for all uses wherever the services of a complete plant are most advantageous.

And under many conditions, they'll generate current for only about 1¢ per kw.-hr. (with 6¢ fuel at ¾ load and including lubrication plus fair reserve for maintenance). See your "Caterpillar" dealer!

Caterpillar Tractor Co., San Leandro, Calif.; Peoria, Illinois
Beall Farm and Home FROZEN FOOD UNITS

Designed for Practical FOOD STORAGE

Beall Frozen Food Cabinets have been carefully designed to meet the food storage requirements of today's farms and city homes. The capacities, the temperatures and the construction has been based on careful surveys of the demands of home owners. Finished in aluminum, equipped with two temperatures, thermostatically controlled, heavily insulated, fully moistureproof and rustproof, Beall units represent a triumph of Western engineering and production skill.

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BEALL PIPE AND TANK CORP.
1945 N. Columbia Blvd., Portland 3, Oregon

Please send your folder giving details of Beall Frozen Food Units.

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ADDRESS: __________________________

CITY: ______________________ STATE: ______________________

News Letter from the NATION'S CAPITAL

By FRED BAILEY

WASHINGTON thinks the President's food administration shakeup announcement was just a forewarning of the storm yet to break in full force... that a top-to-bottom shakeup is in the wind.

War Food and the Agriculture Department will be reunited July 1. That much was announced. It is, however, only a partial answer to congressional demands for a single authority to coordinate all food administration.

What about OPA? The Price Control agency was unaffected, directly by the WFA-DOA upheaval, yet it has been the center of most food criticism. There is no reason to believe it will escape.

Powerful forces in Congress... with outside support and no apparent strong Administration opposition... are planning for a major operation on OPA. If their plans materialize here is what you can expect:

1. Extension of OPA (due to expire June 30) for six, and possibly only three, months.

2. Transfer of OPA rationing and pricing functions on food to the Agriculture Department by Jan. 1, 1946.

3. Shift of price ceilings other than on food to WPB, or to the Office of War Mobilization and Reconversion.

4. A Justice Department drive on a nation-wide basis to combat blackmarket racketeering.

Generally favorable reaction to the food switch is tempered by one major reservation—that Clinton P. Anderson be given authority to act forcefully. The President has the reputation of giving a man a job to do... and letting him do it in his own way.

WFA Administrator Marvin Jones and Secretary of Agriculture Claude Wickard have done remarkably good jobs, considering their lack of authority. Big criticism has been that neither had the courage to demand the authority... or resign. Their reputations suffered as a result of lack of authority rather than of ability.

Assuming that Anderson is to have authority which Jones and Wickard lacked, you can expect a general house cleaning at the top level in both WFA and DOA.

The changes will be no reflection on the ability of those removed. Among
USE YOUR REGULAR FARM EQUIPMENT
FOR CONTOUR FARMING

Not so long ago farmers used to call in heavy-duty crawler tractors and graders to build terraces on the contour. That was custom work and an added expense.

Now, with the cooperation of the Soil Conservation Service, farmers are being shown how to build terraces and farm on the contour with their regular, standard farm equipment. Standard moldboard, disk and harrow plows, properly used, are proving entirely satisfactory for this important work. Your FARMALL TRACTOR and your MCCORMICK-DEERING Plows and Tillage Tools are your weapons in this fight to save and build up productive soil.

Harvester works closely with the Soil Conservation Service in promoting this soil-saving, soil-building program. See your local soil conservationist, county agent, vocational agricultural teacher and the nearby International Harvester dealer for information. They will show you how to make the most effective use of your McCormick-Deering Farm Equipment.

Write for free booklet, "HELP SAVE PRODUCTIVE SOIL."

International Harvester Company
180 North Michigan Avenue
Chicago 1, Illinois

Proper cutting and thinning improves farm woodlands. Cut and sell wood from selected trees... pulpwood and sawlogs are needed for war. See your county agent or local forester for information.

Technical Farming: Plowing the channel of a terrace with a Farmall-H tractor and 3-furrow disk plow. Lines indicate cross-section of terrace.

It's easy to cultivate corn on the contour with a Farmall-H and forward-mounted Farmall cultivator... Contour farming like this is natural farming. The long rows save time.
What's the good news about the farm telephone?

Q: I've been hearing a good deal about farm telephone service lately. Can you tell me something about it?
A: Yes, it's a live subject with telephone people. They're doing a lot of work on it right now, though the needs of war come first, of course.

Q: What do you have in mind?
A: Two main points. One, improve the present service; two, extend service to families not now reached by existing lines.

Q: What are some of the new ideas?
A: Among them are new types of wire for rural areas; a way to send telephone conversations over electric power lines; and possibly a radio-telephone system using very short wave lengths, to reach people in remote spots.

Q: Has there been much farm telephone growth?
A: Since 1935, more than half a million additional farm families have had telephones put in—nearly 400,000 since 1940. But there is still much room for improvement, so every means will be explored to make farm service still better and easier to get.

SOUTHERN CALIFORNIA TELEPHONE COMPANY
501 E. Vernon Ave. * Telephone Michigan 9111

Joaquin Hereford Ranch

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

Route 1, Box 174, Ripon, California
Just released by the Army Air Forces, this photograph illustrates a new product whose evolution toward important peacetime achievements has been stimulated by the urgency of war.

The XR-8 is the first American helicopter successfully tested in flight to embody the principle of an intermeshing twin set of rotor blades. Structure vibration, long an obstacle to progress in rotary-winged craft, is largely removed. Many related problems have been solved. The need for long power-transmission shafts is eliminated. Weight and drag are saved, increasing pay-load.

Its whirling "egg-beater" vanes enable the XR-8 to fly forward, backward or sidewise with unusual efficiency. Like a hummingbird, it can hover motionless in the sky, or only a few feet above ground. Its vertical take-off and descent permit operation to or from any space that gives safe clearance to the sweep of its own blades.

With sixteen years of design and engineering experience in autogiro and helicopter development, the Kellett organization believes that helicopters will perform a wide range of useful jobs in the new air world of tomorrow.

THIS summer you cannot afford tire failures. Replacements are too scarce. Your time is too valuable.

You can avoid needless delays ... and add extra hours and extra miles of service to your worn tires ... by having them retreaded or recapped by the Firestone Factory Method.

The advantages of this method are many. Firestone plants use the most modern equipment. Every man is carefully trained ... highly skilled. The greatest precautions are taken in the selection of tires for recapping or retreading to be certain your tires will be safe ... dependable. Only the best available rubber is used ... carefully cured to give you a tread that is tough, well-balanced, and long-wearing.

You get the same patented tread designs that have made Firestone tires famous the world over.

To keep your tires on the job this summer, call your Firestone Dealer Store or your Firestone Store and arrange to have them retreaded or recapped immediately.

For the best in music, listen to the "Voice of Firestone" every Monday evening over NBC network.

For the best in music, listen to the "Voice of Firestone" every Monday evening over NBC network.

Firestone
RETREADING
WILL KEEP YOUR TIRES ON THE JOB

Mr. Extra Traction represents the Extra Bar Length of tire rubber that gives Superior Pulling Power to FIRESTONE GROUND GRIP TRACTOR TIRES

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PROTECT THE TREES

A T THE DINNER ON Dec. 1 of the Foundation, Bureau of Education, D.C., read a situation in which it might be appropriate to be the one to say to the war in Europe need not be called upon to do what is necessary. When I Shillinger and we have had in mind the American horse, could have preserved the present situation.
Providedce Preserves the Arabian Horse

By Albert W. Harris
President, Arabian Horse Club of America

At the annual meeting of the Horse and Mule Association of America on Dec. 6, 1944, Dr. J. E. Shillinger, of the Foreign Economic Administration, Bureau of Supplies in Washington, D. C., read a report on the livestock situation in Europe and what its needs might be after the war. England seems to be the only country engaged in the war in Europe that will not desperately need all kinds of livestock. So we may be called upon to supply a large part of what is needed.

When I reread this article by Dr. Shillinger and considered the fact that we have had the most disastrous war in history, threatening the survival of nations, as well as animals, it called to mind the fascinating history of the Arabian horse. It seems only Providence could have been responsible for the preservation of the species up to the present time and has again taken charge. Providence surely has had a hand in preserving the blood of this horse in its purity through the ages. Kingdoms have crumbled, nationalities have been wiped out and with them the blood of the Arabs they had accumulated, but always, somewhere, somehow, for over 5,000 years this blood has been preserved.

Decimated in Austria, Hungary, Russia, Poland, Spain, France, and now in Germany, and with its decadence even in Arabia, it suddenly appears in greater strength than ever in the United States today. Here we have, within the last few years and without any premeditated plan, accumulated a large number of the best authentic specimens of the breed, protected by a carefully restricted registry, with the number of owners and breeders of these horses rapidly increasing.

While studs of other governments have become depleted or been wiped out entirely, surprising as it may seem, we find this country unexpectedly supplied with breeding stock. In addition, our government has recently come into possession of one of the most valuable Remount Depots, stocked with some of the best Arabian blood in the world, largely accumulated by W. K. Kellogg and through his auspices presented to the government by the University of California, which is to be kept for breeding and perpetuating the Arab blood in this country.

Following our Good Neighbor policy, we now have Arab blood which we can use for the benefit of friendly nations. We shall also be able to help Europe re-establish its studs. The U. S. Remount of Pomona, Calif., where our government Arab stud is located, with its 125 head of splendid specimens of the breed, is an ideal breeding location. It has all the facilities. It has been rehabilitated and has excellent management by qualified officers who, under a project of this character, should not be changed periodically. It should be operated upon a long-term basis with the same personnel, as all breeding programs should be.
ANCHERS of America are becoming grass conscious. They know the strong fibrous roots of this plant family nail down the valuable top soil, and are familiar with the fertilizing values and other benefits that grass injects into Mother Earth.

Our agriculturists have found that the most economical production of meat and milk is made while their animals are grazing "grass," that labor costs are reduced when their livestock harvest their own feed, and finally, where production of grass is incorporated into the ranching scheme, better land use results and aids in increasing yields.

The importance and value of grass to man has been recognized since the beginning of time. History is full of events, conflicts, and yes, "range wars" over grass. When our forefathers rode through this great land, grass was everywhere. It represented one of our greatest natural resources—free to those hardy pioneers to be harvested by their cattle and sheep.

The fact that the open ranges are now controlled and the numbers of livestock limited by our government has gradually impelled the livestock operator to look to his own domains for improvements in his annual feed resources. These improvements are already showing marked trends, material progress and profitable returns in several directions. Irrigated, or sub-irrigated summer pastures at home or nearer home than forest allotments, save valuable pounds of beef and lamb formerly lost in transit. These newer pastures are also adding enough more pounds of beef or lamb to more than compensate for their added cost of upkeep. Cheaper and more satisfactory temporary pasture is being found on Sudan grass, the residue of harvested beet fields, on grain stubble and on by-products of vegetable packing sheds. Livestock men have found a fertile field for improvement in alfalfa fields, clover and grass meadows and native mountain meadows, on or adjacent to the home ranch. Revamping, reseeding and improvement of these meadows have resulted in increased yields per acre and ample supplies of hay for winter needs with an acreage left over to provide summer pasture for the breeding herds, young stock, or the finishing of meat animals.

These home range operations have two major aspects: 1) Reseeding of depleted areas to a better and more nutritious type of feed with a longer grazing season, and 2) A change in the grazing management of reseeded and natural range pastures that improve the stocking capacity of the range.

Steers converting grass into prime beef. Range in background where cattle are grown out. Henry L. Washburn photo.
natural range pastures to prevent deterioration, improve quality, and utilize the
forage when it contains a maximum of feed values. This has all been accomplished
by a definite and well-planned cross-fencing and stock management program. Most of it has been
under federal supervision, and somewhat
conditioned by the federal programs. This program
is to have been worthwhile if it has accomplished nothing more than to
remedy feed problems in the direction of their own properties.

During this transition from poverty
puzzle. All pastures are not equal in feed values,
that a good range, except in high elevation bunch grass areas, should contain
a mixture of grasses and legumes, and it is
a sign of persistent over-grazing and that any and all
range forage must be
reduced while green and before seed
maturity if maximum feed values are
to be derived from them. This
somehow means a rotation of grazing that will
reduce the annual grasses before
by heavy grazing in the early
spring while the moisture is sufficient
never to be derived from them. This
somehow means a rotation of grazing that will
reduce the annual grasses before
by heavy grazing in the early
spring while the moisture is sufficient
never to be derived from them. This

The existing cover is frequently made
up chiefly of adventive plants of aggressive habit and low feed value, which
have found the climatic conditions
intolerable and have built up at the expense
of the former and often more desirable species.

This fact. once thoroughly known, becomes
a factor in stimulating range
improvement. The stockman asks himself
and his advisors several questions:
Why did the original forage leave the range, and can it be brought back? Once
abused and properly managed, will it
support a stock load to
enable me to conduct my operations
profitably? Since these rouges are admirably
other alien species
of better feed, how wide can it be introduced to replace them? Can science
produce a profitable stand of adaptable
seeded species, and once seeded it
will do a reasonably good job.

Seeding practices and adequate management are being developed by range
cooperators, county agents, extension
agronomists and AAA representatives,
outside and abetted by the National Forest
Service. The picture is being developed
through hundreds of test plots over
wide and variable areas of the states
involved. Among other things, stockmen
are learning from these plots that
artificial reseeding in dense stands of
resident annuals will not succeed, that
seeding in brush burns or on fellover
marginal grain lands on favorable soils and slopes where competition has been
reduced, temporarily at least, may possibly
produce a profitable stand of adaptable
seeded species, and once seeded it
comes necessary to develop at once a
range management practice that will
perpetuate and gradually improve
quantity and quality of range forage.

What are the most promising adaptable
species? Some appear to have very
widely adaptations while others cannot
be coaxcd beyond very limited elevation,
soil and rainfall zones. Certain zones are very large in area. Crested
wheatgrass is a good example. It is a
native of the cold, dry plains of Russia
and Siberia. Since 1916 it has become
conspicuous in the northern Great
Plains and has developed wide usefulness
from eastern Oregon to the Dakotas,
and south into the higher elevations
of California, Utah and Colorado.
But it scorces the soft southern climates.
Plants that accompany it on more
favored and higher moisture sites are
western wheatgrass and smooth bromegrass. These three, together with irrigated
and dry-land alfalfas, have done
much to improve and prolong summer
grazing season. In many cases, other grasses
have replaced them in
range and farm pasture and hay
production.

Among other less winter-hardy plants that have a wide soil and climatic tolerance,
we find the rye grasses (English and Italian) of the genus Lolium close
chiefly in Oregon, and range plantings
are being made throughout the western
states, except on the most severe winter
sites. The Italian species is somewhat
more aggressive, but has the disadvantage of being an annual, or at most,
short-lived perennial, therefore, not
as durable as the bunch grasses, but is
green much later than most resident
annuals.

On still less rigorous winter sites
where annual winter rainfall is 16 inches
Continued on Page 46
A PRACTICAL DIPPING VAT

Designed by W. O. PASSMORE, County Agt.

KITTITAS COUNTY, WASH.

2 x 4 Cleats
Bolted in place
Use galvanized bolts

Bolt 2 x 6 Plugs to
Concrete Walls 24" F
bolts each side 18" apart

Alternate methods
vertical Dip
or incline 4' long

Drain should be placed in bottom of tank
Provide tank 6 high enough above Surrounding
to allow drainage

G x 6 Posts

Screen
Settling tank 10 x 20
Fill when tank is full
Dipping 600 Cattle an Hour!

On the opposite page are plans used in construction of a dipping vat at High Valley Ranch, Ellensburg, Wash., which Manager Alan Rogers states has proven entirely satisfactory. A few changes were made in the plans supplied by County Agent O. Passmore, Kittitas, Wash., but, in general, the vat was constructed according to the plans.

Last spring, Mr. Rogers reports, 4,000 cattle were dipped at High Valley Ranch, part of the cattle being brought in by neighbor cattlemen.

"We, as well as our neighbors," says Mr. Rogers, "have been so pleased with the results of dipping that we will always dip from now on."

Continuing, Mr. Rogers says: "By dipping in the spring as well as in the fall, we have found that we have killed most of the warbles. On examination of several hundred cattle of all ages, a week after dipping, we were unable to find one live grub! Therefore, we have decided to dip in the fall for lice and again in the spring for lice and warbles."

Neither the plans nor the photographs show the elaborate set of corrals at High Valley Ranch, which the owners share with their neighbors at dipping time. The corrals will accommodate about 2,500 cattle. There are seven separate pens, large and small. From the main corrals, there is a chute to the vat and another to the sorting pens.

With three men pushing cattle under the dip at the vat, two at the drain pens and four at the chutes, 600 mature animals per hour were sent through the dip. Calves, being smaller, went through somewhat faster.

The cost of the completed vat, dip pens and chutes necessary to the vat was about $750. The dip per head cost 6c. If a greater number of cattle were put through the dip during the five day period that the dip remains effective, the cost per animal could be brought down to about 4c, according to Mr. Rogers.

One of the features of this vat that needs attention is the approach. The effect of this shallow bath is that cattle step into it and find it firm and shallow. Then they come to the drop-off and immediately take a good nose dive—a good feature because it is highly important that the entire animal be submerged, particularly the ears, where lice and flies gather. Note that after the animal takes his nose dive, a man is located in proper position to push the critter under the water again by the use of a prod pole.

By use of the shallow approach, no difficulty has been experienced in getting cattle into the main vat and there is no delay in getting them through the entire vat.

Many Washington cattlemen have visited the vat and have evidenced interest in dipping cattle. A number of other cattlemen who have seen the vat are preparing to build vats this summer. Many vats will be built as community affairs so that a number of cattlemen may pool their cattle and all dip at the same time—an important feature in eradicating grubs and lice. As one cattleman put it: "There's not much use dipping unless cattle on neighboring ranches are also dipped."

Cattlemen have found that twice-a-year dipping causes animals to do better, receive full benefit of their feed, and "shed off" earlier in the spring.

Comments Mr. Rogers: "The interest in devices and arrangements for the cheaper and easier handling of cattle is an indication of the modern trend in Washington toward ranch management as a business and not simply as a way of life. You would be surprised to see how eager and interested our cattlemen are to develop methods of producing more pounds of beef per dollar of investment at a cheaper cost per pound."

Animal emerges from dip thoroughly soaked. Be sure rough surface, claws if possible, is available to help animals climb out of vat. Note emission dripping off animal.

View of animals standing in dripping pen, which allows dip to drain back into vat. Screen on drain reduces fouling of water, important where many animals are dipped.
PERSONALITIES at HEREFORD EVENT

Left to right: Rodney Chase, Springfield, Ore.; Frank Cochran, Butte Stock Farm, Brownsville, Ore.; Bob Lazear, Wyoming Hereford Ranch, Cheyenne; Clay Nichols, Lebanon, Ore.; Chester Chase, Springfield, Ore.

NORTH PACIFIC HEREFORD SALE

Buyers from four Pacific Slope States paid $31,155 for 63 registered Herefords at the first annual North Pacific Hereford Association Sale at Centralia-Chehalis May 14, thus convinced the world that there is a good market in the Northwest for quality foundation beef cattle.

Hundreds of Lewis County farmers and businessmen visited the County Fair Grounds Sunday, May 13, to witness the judging and see the fine specimens of beef on the hoof. Many returned Monday for the sale and several were among the leading buyers.

Sale average, 62 head .......... $494.53
14 bulls averaged .......... $451.80
49 females averaged .......... $449.06
Top bull .......... $1,950.00
Second top bull .......... $1,315.00
Top female .......... $600.00
Second top female .......... $600.00

H. B. Sager, auctioneer from Bozeman, Mont., sold the first animal in the ring, Lady Domino 54th, to Col. Albert H. Hooker, Jr., of McKenna, Wash., for $1,650, the top female price. Col. Hooker was only recently retired from active service with the 8th Air Force in Europe. Before joining the American Forces he served with the Royal Air Force in Britain. During the afternoon he bought six females, for a total of $4,155, all from the Smith & Freeman consignment.

Lady Domino 54th, a bull calf at side, born Feb. 8, 1945. She was among the 23 cows with calves that were not judged Sunday.

S & F Peorette 24th, second top female, went to Guy E. Griffin of Oakesdale, Wash., for $1,000. She was first in her class and champion female of the show. A typey heifer and thick-fleshed, she caught the eye of many breeders as indicated by the spirited bidding for her.

The reserve champion female, H V Advance Lady 1st, bred by Cleve Wallace & Sons, Tacoma, Wash., and consigned by Smith & Freeman was purchased by Col. Hooker for $600.

Aldarra Princeps 11th, top bull of the sale and grand champion of the show, was bred and consigned by Aldarra Farms, owned by W. E. Hoedg of Seattle. Neil Janssen of J Bar J Ranch, Medina, Wash., paid $2,700 for this straight WHR yearling.

Aldarra Saturn, second top bull, bred by Wyoming Hereford Ranch and consigned by Aldarra Farms, went to C. E. McBride, Bickleton, Wash., at $1,200. He was the two heaviest buyers, each taking nine new foundation sires, mainly from the C. H. Roberts & Son Hereford Ranch of Clovis, Calif., S & F
If it is...

Aberdeen - Angus

information you want, you are invited to write the...

Pacific Coast
Aberdeen - Angus
Association
Box 389
MADERA, CALIF.

REGISTERED
Aberdeen-Angus
ARROYO PERDIDO RANCH
MR. AND MRS. L. H. KIRKPATRICE
LOS OLIVOS, CALIF.

Aberdeen-Angus
STOCK FOR SALE
Registered and Unregistered
SAN JEROMINO RANCH
ED. BIAGGINI
Cayucos San Luis Obispo Co. Calif.

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

Mensinger Angus
Purebred and commercial hards.
Ranch located 6½ miles north of town. Phone 7-F-3 through Farmington.
Marie Mensinger Escalon, Calif.

REGISTERED
ABERDEEN-ANGUS
BULLS FOR SALE
J. R. GUTTRIDGE Rt. 1, Box 1540
Elk Grove, Calif.
PHONE ELK GROVE 1953

LUCE ANGUS RANCH
REGISTERED-COMMERCIAL
Adjoining Farmdale School, 3 miles south of Merced.
Phone 3-J-12
W. R. WYRE Route 2 Box 796
RALPH BURDIEE Merced, Calif.

STOCKS OF FEED LARGER

During the four crop years, 1937-40, production of feed grains was sufficiently large to permit an accumulation of the largest carry-overs on record. In the crop years of 1941-43, reserves were reduced to meet needs of a greatly expanded livestock population. Greatest feed grains reduction occurred in the 1943-44 season, with carry-over down to 10,700,000 tons, the smallest since 1937. Hogs and poultry numbers were greatly reduced in 1944, but feed grain production remained at a near-record level.

During the first quarter of 1945, domestic disappearance of corn, oats and barley totaled 29,000,000 tons, as against 31,000,000 tons in the first quarter of 1944 and an average of 27,300,000 tons disappearance in that quarter during 1940-43. Disappearance of barley amounted to only 59,000,000 bushels, which was smaller by 18% than in the first quarter of 1944, as well as less than during the four preceding years.

Stocks of the three feed grains on farms, at terminal markets and government-owned on April 1, 1945, totaled 47,700,000 tons, about 19% more than on the same date the previous year, and almost as large as the average for the five preceding years. Stocks of corn were 23% larger than on that date in 1944; stocks of oats were 4% larger and barley stocks approximately 5% larger.

The estimated disappearance of feed grains in the second quarter of the present year probably will be large, but not as large as during this three-month period of the past two or three years. There are fewer hogs on farms, and fewer chickens, but hog weights marketed in April, and rate of lay indicate a greater feeding of concentrates than the previous year per animal unit. On April 1 more concentrates were being fed to dairy cows than on the same date last year, and more cattle were being fed for market.

The carry-over of oats and barley on July 1 is expected to be larger than on that date last year, while the carry-over of corn on Oct. 1 may amount to 450,000,000 or 500,000,000 bushels, or more than double the carry-over of 215,000,000 bushels on Oct. 1, 1944.

Although utilization of feed grains is expected to be heavy during the summer months, the carry-over for the present crop year is expected to be larger than the previous one. This is looked for because the 1944 production was large and there was a sharp decrease in livestock numbers, which will more than make up for heavier feeding.

Data on farm stocks of sorghum grains are not available, but production in 1944 was large as compared with previous years and it is believed that their carry-over on Oct. 1 will be larger than in previous years.

APRIL 1 STOCKS OF CORN, OATS, AND BARLEY, UNITED STATES, 1926-45

BUDEWLS
WILLIONS


CORN OATS BARLEY

(Stocks in all positions except on interior mills storage, and in carry-over, and for which are not shown.)

This data are preliminary.
Regardless of Breed

Can You Ignore Such a Bull?

Such character, such down-to-earth qualities, such potentialities through his offspring.

Yet, BELL BOY A. 10th is just one of several herd bulls making better beef breeding stock at Angustorra.

It's really worth your while to visit the ranch. Regardless of the breed you favor, we think we can show you cattle that will command your respect. Then, if you want to talk about what Angustorra Angus can do for you, we're always ready for business and we have sale bulls to back up the talk.

ANGUSTORRA RANCH

J. E. BARBEY                WILL ROSS

STEAMBOAT SPRINGS, COLORADO
DR. LELAND J. BELL
WOODLAND, CALIF.

Announces the Sale of His Herd of

ABERDEEN-ANGUS

Including . . .

BLACKCAP BAR MARSHALL
Herd Sire recently purchased from
A. D. Bradshaw, Smithshire, Ill.

BELLMERE QUEEN
the 1933 undefeated Jr. Champion
Female at ALL Pacific Coast shows

To

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YUBA CITY, CALIF.
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BELLMERE ANGUS

Popular breeding, modern type.
In great demand.
Usually something for sale.
Inspection invited.
ROBERT BELL
Woodland, Calif.

Patronize
WLJ Advertisers

ROSEMERE ABERDEEN-ANGUS
IN THE WEST

Herd founded in 1898 by Mother of present owner
The pioneer Angus herd of the Pacific Coast

In order that we may conveniently and economically supply the ever increasing demand for our Rosemere bred Angus from all parts of the country, we maintain and operate three units of this world-famous herd: the original one at Maquoketa, Iowa; the long established Pacific Northwest herd at Yakima, Washington, the Congdon and Battles headquarters for a quarter of a century; and now the newly established unit at Los Olivos, California, thirty miles north of Santa Barbara on the San Marcus Pass Highway. Recognizing the importance of this location to the fast-growing interest in Angus cattle in California, we have recently brought to this herd some of the choicest specimens of the Iowa herd for foundation animals; and the manager of our Iowa herd for a great many years, Mr. Arnaldo J. Meisgeier, has been given charge of this new unit, which we expect to develop into a herd which will be worthy of Rosemere’s long-established record of supremacy.

Please remember the Rosemere Herd, which has produced more International winners than any other herd of the breed, always has something to sell.

OTTO V. BATTLES, Owner
YAKIMA, WASHINGTON
LOS OLIVOS, CALIF.
MAQUOKETA, IOWA

ARNALDO J. MEISGEIER, Los Olivos; ROLAND EHLERS, Maquoketa; GEORGE GREEN, Yakima
BORN TO BE A HERD SIRE

WE ARE PROUD indeed of this—our first calf by GREAT OAKS BARMAR, West Coast champion of 1944, after winning his class at Chicago and Denver. A half sister, “Zara,” won the Chicago grand championship and sold for $8,100.

MISS BLACKCAP 7” of BLACKHAWK, also a West Coast champion, belongs to the Progress Branch of the Blackcaps descending through Blackcap McHenry 88”, Chicago junior champion of 1910. The Blackcaps rated next to the Barbras by the late W. A. McHenry and became the high selling tribe for Escher & Ryan.

THIS IS THE FIRST CALF from “Miss Blackcap,” modern in her type, deep and natural in her fleshing and of good motherly qualities, as indicated by her udder.

VISITORS ALWAYS WELCOME. Here you will see the sire and the dam of this young bull, as well as recent arrivals from the Cornbelt.

PALOMAR ANGUS RANCH
THOMAS R. DEMPSEY, Owner
Ranch located on paved highway, 6 miles southeast of Pala in San Diego County

EARL RYAN, Manager
ERNEST REYNOLDS, Asst. Mgr.
Pala, San Diego County, Calif.
We see these good commercial Angus go to one of Kern County’s leading beef cattle ranches.

At present we are offering a few good herd bulls prospects sired by Prince Escort of Sunbeam 600942 and Burgess 68” 607684.

In the fall, we will have a nice lot of females, sired by or bred to Prince Escort of Sunbeam and other good bulls.

Charles M. Miller, Harmony (MINNESOTA) R. M. Miller, Mabel

Earl O. Walter
Livestock Auctioneer
“A WESTERN MAN . . . FOR WESTERN SALES”
Write, Phone or Wire for Dates

Hacienda de Los Reyes
KS
ABERDEEN-ANGUS CATTLE
SELMA • CALIFORNIA

We Are Pleased to Announce . . .

the sale of 50 bred females and calves from our commercial herd to Mr. Donald W. Whittier for his ranch at Tehachapi, Calif. Mr. Whittier also selected the good young herd sire, K-S REVOLUTION. We are happy to see these good commercial Angus go to one of Kern County’s leading beef cattle ranches.

Registered and Commercial ABERDEEN-ANGUS Cattle

The oil and thinner should then be added, a little at a time with constant stirring, until the paint is thoroughly mixed. Drier should be added last, preferably just before application. The paint should stand covered 24 hours before application and should be stirred and strained before using.

It is important that each coat of paint be applied at the spreading rate given with its respective formula. It is only by means of this procedure that the proper total thickness of paint film can be achieved. New paint should not be applied over an old paint that is cracked, scaled, blistering or failing in any other way.

Most common cause of premature failure of good paint is water which may find its way into the wood behind the paint. Water may enter through roof leaks, capillary action from contact with the earth, or other means; one of the most troublesome ways is by condensation on the inside surface of the wood. This is particularly true of barns and other buildings used to house livestock. Correction lies in an effective ventilation system.

For repainting 1,000 square feet of exterior wood surface with two coats, the following quantity of materials would be needed: 3 gallons paint, 4 lbs. white lead, 1½ gallons linseed oil, 3 pints turpentine, 1/4 pint liquid drier. Repainting of wood shingles with two coats requires 3½ gallons paint, 55 lbs. white lead, 1½ gallons linseed oil, 1½ gallon turpentine, 1 pint liquid drier.

Painting 1,000 square feet of exterior surface—new work—with three coats requires 4½ gallons paint, 62 lbs. white lead, 1½ gallons linseed oil, 3 quarts turpentine, 1½ pints liquid drier. Painting of wood shingles with three coats requires 8½ gallons paint, 105 lbs. white lead, 3½ gallons linseed oil, 1½ gallons turpentine, 2½ pints liquid drier.

The mixing formula for three coats of exterior paint on new work is as follows:

Soft paste white lead 100 lbs. for each of three coats on wood shingles and wood. Raw linseed oil—first coat, 4 gallons; second coat, wood shingles, 2 gallons; wood, 1½ gallons; third coat, ¾ gallon. Turpentine (thinner), first coat 2 gallons; second coat, wood shingles, 2 gallons; wood, 1½ gallons; third coat, ¾ gallon. Liquid drier (omit if boiled linseed oil is used), first coat, 1 pint; second coat, wood shingles, 1 pint; second coat, wood, 1 pint; third coat, 1 pint.

Coverage in square feet per gallon—first coat, 200 on wood shingles, 300 on wood; second coat, wood shingles, 400 on wood, 700; third coat, 200 on wood shingles, 700 on wood.

The mixing formula for repainting exterior surface with two coats is as follows:

Soft paste white lead, 100 lbs. for each of two coats on wood shingles and wood. Raw linseed oil—first coat, 2 gallons on wood, 2 gallons on wood shingles; second coat, 3/4 gallons for both wood and wood shingles. Turpentine (thinner) first coat on wood 2 gallons on wood shingles, 1½ gallons; second coat, no turpentine. Drier (may be boiled linseed oil is used) first coat on wood 1 pint, on wood shingles, 1 pint; second coat, 1 pint for both wood and wood shingles.

Coverage in square feet per gallon—on first coat, 700 for wood and 500 for wood shingles; second coat, 700 on wood, 600 on wood shingles.
One of the Pacific Coast’s Outstanding Registered

ANGUS HERDS Is For Sale!

Because of the continued serious illness of Mr. Jack Conway, owner, the well-known ALL HOLLOWS FARM Registered Aberdeen-Angus herd must be sold. It is the desire of the owner that the herd be sold intact as a breeding unit. This offers a rare opportunity to the buyer to acquire a going herd of uniform excellence in bloodlines and conformation, with a background of established performance. The herd of 50 head includes the Grand Champion show bull

QUEENALL II" One of the Greatest Proven Sires in America

QUEENALL II" is recognized by many Angus authorities as one of the most outstanding show bulls in America. He was grand champion at Los Angeles in 1943, as a two-year-old; stood third at Denver in 1944, and the two bulls standing above him later sold for $40,000 and $39,000 each.

He is also a great sire, as proven by his get in the herd. His offspring show unusual uniformity. You could travel many thousands of miles without seeing a better herd sire.

QUEENALL II" is rich in the best of Rosemere breeding. He is a double grandson of the famous sire Eileenmere 611, the sire of a number of International winners, including one International grand champion bull.

THE FEMALES are rich in Rosemere breeding, with a strong infusion of bloodlines from some of the best-known herds in the Middle West, including McGregor, Hopley, Meek Ranch, etc.

Ten cows have calves at foot, mostly by QUEENALL II". Most of the cows are young and in their prime, the exception being two daughters of the International Grand Champion, BLACKCAP REVOLUTION, these latter two being calved in 1929 but they are still producing.

The entire herd will be sold only as a unit. No animals will be priced individually. The herd will be sold on the basis of a sound investment opportunity to the man wanting to establish a real top breeding herd of registered Aberdeen-Angus cattle.

For further information and inspection, please contact:
O. V. BATTLES, Owner's Representative, Los Olivos, Calif. Phone Santa Ynez 3421

ALL HOLLOWS FARM

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15600 Sunset Blvd., Pacific Palisades, Calif.
One of The Top 12 HEREFORD Layouts in All America

The Ranches have 500 breeding cows over 2 years old, all Registered Purebred Herefords; 400 possible calves, 1945 crop; all eligible for registration; 15 herd sires; 11 Holstein milk cows; 14 saddle horses; 8 work horses.

The standing of our herd bulls shows that they are closely related to the very top Hereford animals in the United States. We were second in 1943 in registration of Purebred Hereford animals in the United States, which, of course, means the world. The facilities are here for extensive increase and the market is ideal. There is a considerable demand for these animals by the range cattlemen of Southern Utah. Nevada is a good market and California wants animals raised under the rugged conditions of these ranches—high altitude and a terrain that develops rustling qualities.

Mountain Ranch

Salina, Utah

1,500 acres of irrigated grass meadows, including all water rights, which largely originate on the Ranch itself. All of the meadows are fenced and cross-fenced.

11,000 acres all-fenced range and pasture lands. Well watered with streams and springs.

To The Prospective Buyer:

The owners of the M & O Ranches have recently come to the conclusion to sell the M & O Ranches in Southern Utah, which will include all land holdings, all rights in Government leases (known as the Taylor Grazing) and all cattle—excepting 1945 and all cattle now being fitted for marketing. Ours is probably one of the largest Purebred Hereford Cattle concentrations in the United States. In making a survey of these ranches, one can plainly see that it is one of the very finest ranching operations in the West. It is particularly well adapted for carrying a large Purebred Hereford establishment raising Purebred Hereford cattle—such as the Taylor Grazing.

One of the very best Purebred Hereford animals can be raised at a very minimum cost.

We bought these ranches two years ago the first of April. When we took them over, the land, of course, was the very best. Since then we have done considerable repairing on the buildings, houses, fences, ditches, put in a lot of new fences, built a lot of new roads, cleared a lot of ground and improved our herd very materially by adding fourteen world-famous herd sires. We have improved and culled the breeding cows to the point now where we have a very high-type bunch of cows amounting to around 500. The breeding cow herd should be increased, when it is advisable, to about 650 head.

The ranches consist of nearly 17,000 acres of deeded ground. The Mountain Ranch is in the heart of the Fish Lake Forest and the Oak Springs Ranch—from gate to gate—is twenty miles away; from corner to corner, it is nine miles away and is the winter head quarters and center of farming activities.

On the Oak Springs Ranch, which is the winter headquarters, the Soil Conservation have made a very complete survey and their estimate very close to 1,500 acres of extra good farm land that can be put under cultivation. Between five and seven hundred acres of this is now under cultivation and alfalfa. We grew the sweet kind of corn for ensilage.

We have added a number of corrals at both places. We have cleaned up the houses and improved them materially. We have built a very extensive machinery shed and two pit silos so that we now have the ranches now in very workable condition. They need some homes and the preparing of the ground for whatever additional farm land the owner would want to put in.

We have our own irrigation systems at both ranches. At the Oak Springs Ranch we have all the water that comes our way from mountain streams and a big reservoir for late watering which we have started to enlarge. We have the authority to enlarge approximately 500 to 2,000 acre-feet of water. We have permission through the State Fish and Game Commission to open the reservoir in the winter time as the fish want to get in the water during the winter time and the approved plan makes it possible for us to irrigate 5,000 to 6,000 to 8,000 acres of land. We have some 200 acres of orchard land. We have very complete orchard equipment and also very complete irrigation equipment.

We call your attention to the best in the M & O Ranches

MOUNTAIN RANCH . . . the Summer Headquarters.

500 acre ranch in the mountains of Southern Utah. 500 acres fenced, all water rights included, two small ranches for later development. Under fence are 1,000 acres of irrigated meadows, 500 acres of meadows, all under fence. The range is 7,500 acres of very extensive cattle land. The water is available through the water company and is free.

We turn the corral right to the headquar ters and the stock are very desirable. We have given the corral and its extensive improvements, some additions of valuable property towards having the land under fence.

We have given the corral and its extensive improvements, some additions of valuable property towards having the land under fence.

The mountain ranch is the very best in Southern Utah. We have the very best ranches in Southern Utah. We have the very best ranches in Southern Utah.
Summer streams are largely unfenced.

We call the OAK SPRINGS RANCH... the Winter Headquarters.

500 acres of crop land in alfalfa. Water rights on Ranch include all of the water—two small streams and a large storage dam for late watering.

500 acres of possible crop land.

100 acres of grass meadow.

2,265 acres of range land.

Oak Springs Ranch
Emery, Utah

Additional land and pastures are largely unfenced.

On the Mountain Ranch there are, in addition to fence and cross-fences, approximately 1,500 acres of irrigated meadows in thirteen pastures plus other meadows in other spots on the ranch that are sub-irrigated and make nice grazing places. The range land is covered with quaking aspen spots and oak brush and is ideally situated for ranging either cattle or sheep, all under fence with a new cross-fence that we have just installed. The range land is largely covered with springs and streams and water is available in practically all spots, plus extra-good feed. We have given you what we think is a very good picture of the ranch and its operation and its possibilities. With a few more improvements, such as a few additional houses at both ranches and some additional corrals on both ranches, the job would be done towards having the finest ranching proposition, we think, in the west. The road up Salina Canyon is very good, excepting in the snowed-in portion of the highway in Salina Canyon, which will make a paved highway in either direction and a very good traveling road all winter.

We have facilities and altitude in the neighborhood of from 6,000 to 8,000 feet the M & O Ranches are ideally situated with these facilities and altitude in the neighborhood of from 6,000 to 10,000 feet. The M & O Ranches are ideally situated with large storage dam for late watering.

We are pleased to show these Ranches by appointment. Address all communications to:

M & O RANCHES, 171 West South Temple Street, Salt Lake City 1, Utah.

Arrange to See This Successful Ranch Operation

We would want to sell the property as is, plus about 500 breeding cows, the 1945 calf crop, which should be about 400 to 450 head, the herd sire bulls, horses and some of the other equipment. We would want to give possession of the Oak Springs Ranch at any time, which is, as of today, the farming headquarters, growing corn, grain and hay for winter use.

We are going to sell our Hereford bulls. We would be pleased to show these Ranches by appointment. Address all communications to:

M & O RANCHES, 171 West South Temple Street, Salt Lake City 1, Utah.

Real choice animals will be available.

Very truly yours,

President

Oak Springs. Headquarters, Winter
Curbing a Menace to Mankind

For centuries men suffered from a distressing disease which no one understood. Because it often resembled Typhoid, but did not keep its victims bedfast, it was confused with so-called “Walking Typhoid.” Because it was frequently characterized by a fever that came and went, others called it Undulating Fever. But no one knew what caused it, or how to treat it.

Then two veterinarians in the Bureau of Animal Industry suggested that it might be due to the germ which causes Bang’s disease in cattle. A scientist in the Bureau identified the germ, verified the theory.

Later it was found that it can also be caused by germs which infect goats and swine. As a result, it is now possible to prepare vaccines which relieve its misery, shorten its course. Furthermore veterinarians, by intensifying their efforts to bring these animal diseases under control, and by insisting on more widespread pasteurization of milk, have reduced that danger still further.

This is but another of the many reasons why the veterinary profession means so much to the welfare of mankind.

One of a series of educational announcements by

ALLIED LABORATORIES, INC.

Operating:

Pitman-Moore Co., Indianapolis, Ind.
Royal Serum Co., Kansas City, Kansas

Sioux City Serum Co., Sioux City, Iowa
Sioux Falls Serum Co., Sioux Falls, S. D.
United Serum Co., Kansas City, Kansas

Please mention WESTERN LIVESTOCK JOURNAL when writing advertisers

Parker Registered Herefords


PARKER LIVESTOCK CO. • Elmer T. Johnson, Manager • WILSALL, MONT.
Millions for Livestock

Through the gates of the Los Angeles Union Stock Yards in 1944 passed a stream of cattle, hogs and sheep that grossed owners a spot cash value totaling $51,376,727.27.

This represents payment of almost $1,000,000 per week—approximately $200,000 for each market day!

From all sections of the West and from more remote areas of the Central Plains states comes a steady flow of livestock to the Great Western Market to supply greatly increased meat needs on the Pacific Coast.

Scores of slaughtering establishments in the Los Angeles area depend upon the Central market for their daily needs of meat animals. This centralized buying power provides a reliable, consistent, strongly competitive demand for livestock of all kinds and assures producers and shippers full value for their consignments.
sons of their “Triumph” bull as herd sires. George B. Cooke, Ellensburg, Wash., selected a top son of Prince Triumph 1st out of a Donald Domino 8th dam that is a full sister to the Normandale reserve champion bull at the 1943 Red Bluff show. Rolland T. Hurt, Covelo, Calif., took a year-old son of “Triumph” out of a Donald Domino 8th dam to head his purebred herd. Robert Fields, Central Point, Ore., bought a top young calf by “Triumph” out of a Chandler's Belmont 19th cow.

There's a rosy future for the beef cattle business if the government will remove the restrictions and thereby automatically eliminate the black market," said Bob Lazear, manager of Wyoming Hereford Ranch at the North Pacific Hereford Association Sale. "Especially for quality cattle do I see bright days ahead. There always has been a good demand for top-quality breeding cattle. If there is a slump the penalty will be paid by those who are not breeding for high-quality beef, for that is what the public demands.

Mr. and Mrs. Ted Harper, owner of Sunland Hereford Ranch, Clovis, Calif., and Mr. and Mrs. Clair Pollard (Clair is Sunland's manager) drove up to the North Pacific Hereford Sale but Mr. Harper was confined to his hotel room with an attack of influenza for four days and was unable to witness the sale.

Curtice Martin and Mrs. Martin spent several days visiting California Hereford breeders in May. Mr. Martin is greatly pleased with the results he has had in using a power sprayer on his Herefords to eradicate warbles. Three men, one man operating the power sprayer and two men handling the cattle, sprayed 396 cattle in 2 hours, 15 minutes. They sprayed the cattle three times and plan to do so again. The results have been very encouraging.

Our Sincere Appreciation

...to all who helped to make such a gratifying success of the dispersion sale of our registered Hereford herd, May 28 at Lewiston, Idaho. We especially thank the following buyers, and wish them success with these good Hereford cattle that we bred and developed, but were forced to sell because the two junior members of the firm are now in their Nation's armed services:

Vic M. Anderson, Palouse, Wash.
Arden Archer, Pomeroy, Wash.
Phil Bahr, Southwick, Idaho
Santon Becker, Genesee, Idaho
Emma Bergevin, Walla Walla, Wash.
Howard Blume, Genesee, Idaho
Ed Bogarth, Culdesac, Idaho
Herbert Brown, Mohr, Idaho
J. W. Brerley, Orofino, Idaho
Burns & Nelson, Pullman, Wash.
B. F. Collier, Steptoe, Wash.
Estel Crew, Unkentown, Wash.
Edward J. Dahm, Uniontown, Wash.
E. A. Duncan, Waitsburg, Wash.
Poul F. Edick, Dayton, Wash.

Walter Feenber, Uniontown, Wash.
H. A. Fletcher, Starbuck, Wash.
M. T. Floch & Sons, Anatone, Wash.
Geising Bros., Keuterville, Idaho
Robert Gordon, LaCrosse, Wash.
Joan Hoager, Penn, Idaho
Comrade Reid, Davenport, Wash.
Marion Holber, Genesee, Idaho
F. A. Hopkins, Culdesac, Idaho
Inman & Brasl, Edgemoor, Idaho
Eric H. Irvin, Weippe, Idaho
Trey Ledgerwood, Pomeroy, Wash.
Ben F. Long, Lewiston, Idaho
Simon McDonald, Bonners Ferry, Idaho
Kirk McGregor, Lewiston, Idaho

Ralph Nichols, Lewiston, Idaho
E. J. O'Rourke, Nespirc, Idaho
E. C. Ruchert Estate, Pomeroy, Wash.
Otto Ruchert, Pomeroy, Wash.
William Sampson, Genesee, Idaho
Carl Sangster, Anatone, Wash.
Andrew Schulteis, Colton, Wash.
Simon & McDonald, Bonners Ferry, Idaho
Roy L. Smoll, Jr., Lowden, Wash.
Willard Smith, Craigmont, Idaho
C. C. Stout, Uniontown, Wash.
C. C. Stealey, Pullman, Wash.
H. C. Volger, Jr., Echo, Oregon
Geo. E. Webb, Maryville, Oregon
Tony Wessels, Greencreek, Idaho

Merritt Meacham & Sons, Culdesac, Idaho
A new breeder of registered Polled Herefords is J. P. Shannon, Arroyo Grande, Calif., who recently purchased four daughters and one son of the famous Advanced Domino 30th from Rex B. Clark, owner of Rancho Piocha, Santa Ynez, Calif. Mr. Shannon has been in the dairy business for the past 11 years and is just entering the registered beef cattle business.  

In a recent large ranch transaction involving land in Merced and Stanislaus Counties, California, J. L. Sawyer of Oakdale purchased 5,000 acres located between La Grange and Snelling. Most of the property is pasture land and there are several thousand acres that can be planted to grain. The property will be used in conjunction with Mr. Sawyer's large ladino clover ranch west of Oakdale in the raising of livestock.

Loren Miller, who formerly conducted cattle operations in Oregon, is handling a sizable number of Herefords on his new property, the 11,200-acre Gallatin

**REvitalizing, Compounded Oil LENGTHens Life of Shingles**

Sluicing rains, cutting frosts and whipping, drying gales have been driving away at your shingled roofs and rough wood buildings all winter. They've leached out a lot of natural wood oils and left surfaces unprotected. You can put your unpainted roofs and walls back in good condition by applying Standard Shingle Oil.

**Expert Advice Offered on Lube, Fuel Problems**

Have you an engine that isn't developing the power it should? Are you having trouble with a bearing that's always heating up? Standard Fuel and Lubricant Engineers may be able to solve your problem and save you dollars in wasted time and worn parts. Their services are free. Consult Standard.

**Foam-Resistant Lubricant Prevents Differential Leak**

Greasy brake linings have been the cause of many accidents with automobiles. And grease on brake linings frequently is due to foaming of gear lubricants.

Dry pigments blend well with Standard Shingle Oil. For an inexpensive stain, mix 3 or 4 pounds of dry color (depending on the shade desired) with 2 quarts of raw or boiled linseed oil, then stir in 1 gallon of Standard Shingle Oil. Use these same proportions when mixing larger quantities.

Either used naturally or made into a stain, Standard Shingle Oil has many uses. It may be brushed or sprayed and will penetrate any unpainted, soft wood surface—shingles, rustic lumber, laths, fence posts, etc. When stain is to be used on old, dry shingles best results will be obtained by applying a coat of plain shingle oil first—about 1 gallon on 140 square feet. Order from your Standard Man.
ranch, located about 15 miles southwest of Red Bluff. He has shipped his cattle by rail to southern Oregon summer range and will return them to the Tehama County ranch in the fall for winter feeding on bur clover, wild oats, and a variety of native grasses.

** **

Wm. Kittredge, who formerly operated in eastern Oregon, has acquired from 10,000 to 15,000 acres in the Paskenta area about 25 miles southwest of Red Bluff. He also has shipped his cattle to summer range in southern Oregon and will winter them on the home ranch.

Charles Stover, owner of a 10,000 to 11,000-acre ranch located 10 miles east of Red Bluff, has his cattle on summer range in Plumas County, near Lake Almanor. . . . Earl McKenzie, of Vina, Calif., recently took about 2,000 head of Herefords to summer range near Lake Almanor. . . . Abner McKenzie, who has been operating a steer and cow setup on his ranch 12 miles east of Red Bluff, has used the services of a vet the last two years in spaying some of his heifers to increase beef production.

** **

E. B. Noble is handling cows, calves and steers on his 30,000- to 35,000-acre ranch located six miles south of Red Bluff. He summers his cattle in Sierra Valley along the Nevada border west of Reno, and winters them on range located 28 miles west of Red Bluff.

Edwin and George Roney, graduates of University of California, Davis, grandsons of J. A. Bennett, are busy with their Aberdeen-Angus herd on their ranch near Chico. They have a summer range at Clover Meadow, 20 miles from Westwood, and truck the cattle about 125 miles to that range each June and back to the home ranch in October for a period of winter feeding.

** **

E. L. Adams has a nice ranch of 2,400 acres just south of Durham on which he combines rice growing and cattle operations. He has a registered Hereford herd numbering about 230 head. He does not have to move them to summer pasture, as rice stubble and 300 acres of Adino, the latter irrigated from wells and Butte Creek, afford plenty of feed throughout the year.

** **

Earl D. Schlamann of San Francisco, Calif., well-known manager of the Pacific States Livestock Producers Association and the Tri-Stock Livestock Credit Corporation, has resigned, effective May 1, to take a position in southern California, according to an announcement by J. Sheldon Potter, president. Mr. and Mrs. Schlamann will make their home in San Diego.

** **

J. T. McAuliffe, who runs cattle in Shasta County, has started shipping his herd by rail to excellent summer range owned in the Klamath Falls, Ore., area. The movement goes on during May and June. Fat steers are sold off the Oregon pasture while cows and calves are shipped south, usually in November, to winter on California range. While he has usually run cows and calves in the past, Mr. McAuliffe has mostly steers this year, with the market and labor conditions being deciding factors in the change. Mr. McAuliffe's ranch of 14,000 acres is located 18 miles west of Cottonwood and is a splendid example of good management. Much of his range consists of bur clover, wild oats, and native grasses. The range is divided into fields on which cattle are turned in limited number, according to feed conditions; signs of overgrazing are not to be noted on his land. Another practice observed by Mr. McAuliffe is that of allowing borax to the land each year in a program of Klamath weed control under AAA conservation program.

** **

Here is an expression study snapped by Bob Teale of Shorthorn breeder Sam Lang, Genesee, Idaho, being awarded his first grand championship at the 1945 Spokane show and sale. Mrs. Lang is the lady with the big smile at the left.

** **

We feel that it is a distinct compliment to our breeding program that Mr. Bob Sudden selected 15 bulls to be used in the Sudden Estate Co. commercial herd, one of the outstanding beef herds of California. Our program is the production of range bulls that will sire easy-feeding, early maturing, high-quality calves.

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

Star Route, Santa Barbara, Calif.

Dwight Murphy, Owner Andy Simpson, Cattle Supt.

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

Western Livestock Journal
PLANT JR. SEEDERS

EASY RUNNING!
FAST! ACCURATE!

These efficient seeders will save you thousands of planting hours plus plenty of seed. Planet Jr. Seeders are accurate and dependable. Adaptable to all soils, crops, and conditions. A special feature of the Planet Jr. Seeder is its drive wheel shaft which ensures constant seed flow. Order today from B. Hayman dealers.

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INCREASE YOUR WAR BOND PURCHASES

WHY GERMAIN’S SEEDS meet rigid requirements of HIGH
GERMINATION

Germain’s Seeds are laboratory tested and rechecked every 4 months for germination . . . and all lots which do not measure up to highest standards are discarded. Germain’s labels on seed sacks assure planters of finest, uniform quality.

GERMAIN’S
Seed Growers Since 1871

747 TERMINAL ST., LOS ANGELES — BRANCHES THROUGHOUT CALIFORNIA
Hereford Breeders

Visit Diamond Ranch

A large number of Hereford breeders from Ventura, San Luis Obispo and Santa Barbara Counties inspected the registered Herefords at Diamond Ranch, San Luis Obispo, May 11, when the Santa Barbara County Registered Hereford Breeders Assn. had their monthly meeting as the guests of Harry Parker.

The visitors saw a grand lot of registered Herefords, carrying the influence of top bloodlines. The cattle are carried on hilly range country where the range feed is of unusual excellence. This year, feed has been even better than normally and the cattle are in top condition.

Following the tour of Diamond Ranch, visitors toured the campus of California Polytechnic and were the guests of the students at a barbecue. Students exhibited their stock, including a number of fat steers being fitted for the Great Western Livestock Show.

Members of the association planned to meet June 15 at Dos Pueblos Ranch to help prepare for the Dos Pueblos sale, June 21.

Herefords Average

$403 in 1945 Sales

The first 190 auction sales of registered Hereford cattle in 1945 have sold 13,-

$403 to help prepare for the Dos Pueblos sale, June 21.

BUY WAR BONDS

Hampshire Brings $400 At California Ram Sale

Buyers from five states attended the 25th annual California ram sale recently held at Galt, Calif., and paid $108,000 for 1,810 rams and ewes as compared with $97,146.00 for 1,781 rams and ewes auctioned at the event last year.

Top selling animal of the sale was a yearling Hampshire ram consigned by R. W. Hogg & Sons, Salem, Ore., and sold to D. P. MacCarthy & Son, also of Salem, for $400.

Frank Brown Jr., Carlton, Ore., paid $310, the second highest price of the auction, for a Hampshire ram consigned by Bob Shreve, Billbob Ranch, Bakersfield, Calif. Charles Evans, Salem, Ore., brought a nice Corriedale ram to the sale that went to Wesley Wooden, Birds Landing, Calif., at $275. The same amount was paid by A. L. Eoff, Salem, Ore., for a University of California Hampshire ram. Howard Vaughn, Dixon, Calif., acquired for $290 a nice Suffolk stud ram consigned by Walter P. Hubbard, Junction City, Ore.

Domingo Stain, Merced County, Calif., purchased at $177.50 per head a pen of 10 unregistered yearling Hampshires consigned by Walter P. Hubbard. Godfrey Priddy, Dixon, Calif., took at $120 each three Hampshires at Roselawn Farm breeding, Junction City, Ore. Shafter Union high school, Kern County, Calif., sold a pen of three yearling ewes to Robert Bigelow, Madera County, Calif., at an average price of $60 per head.

NEVADA...

RAM AND HEREFORD BULL SALES

Sept. 2nd & Sept. 3rd

ELKO, NEVADA

140 HEREFORD BULLS

Yearlings and Long Yearlings

The bulls are nearly all selected and will be the best ever to come to the Elk Sale.

SHOWS AND SALES

HELD DURING ELKO FAIR

300 Yearling

Range Rams

COL. EARL O. WALTER
Auctioneer

JOSEPH W. WILSON
Livestock Superintendent

4 BIG DAYS OF RACING—August 31st to Sept. 3rd
Good Prices at

Big Hereford Sales

Prices were very satisfactory for the high quality registered Herefords sold at major Montana and Wyoming sales in June. Heavy rains made it difficult for visitors to reach ranches. In some cases, but the high quality of cattle resulted in complimentary averages.

The John Rice Polled Hereford sale, June 5, at Lodge Grass, Mont., resulted in an average of $1.376 on 53 head, with 13 bulls averaging $1,652; 14 heifers bred to Pluto Domino 36th averaged $2,061. Nearly half the offering, 26 head, went to the Pacific Coast. Buyers included Dick Hibberd, Imbler, Ore.; J. B. Shannon, Arroyo Grande, Calif.; Ted Chamberlin, Los Olivos, Calif.; Roy Newport, Troy, Ore.; Herman Nordby & Sons, Lewiston, Ida.; Albert Reha, Edwall, Wash.; E. H. Spoor, San Francisco; Monte Young, San Simeon, Calif., a large buyer at the sale, bought the second high bull at $4,000, getting Trumode Domino 7th, and the second high female at $4,500, getting Trumaid Domino 48th. The top bull at $4,525, Trumode Domino 89d, went to Dr. P. J. Hustedt, Bozeman, Mont.

Irving H. Kesterson bought the top female at $5,100 for his Golden State Hereford Ranch, Oakdale, Calif., getting Trumode Domino 71b and Pluto Domino 36th.

Art Thompson and H. B. Sager were auctioneers.

Bar 13 Herefords

At the Bar 13 Hereford sale June 4 at Sheridan, Wyo., Fred Vanderhoof, Woodlake, Calif., was one of the largest buyers, getting a number in the sale and some of the Bar 13 replacement heifers at private treaty.

Top bull in the Bar 13 sale went to Painter Hereford Co. at $3,000. Top female at $1,900 went to Martin Littleton, Ishawa, Wyo. Fred Vanderhoof selected the second high female at $1,550, getting Bar 13 Miss Mischief 9th.

THE OLD JUDGE SAYS...

"That's news to me, Judge. From the way some people talk you would think it was at least 50%."  

"No, Clem, there's the statement right here in the paper... from authorities who have made an exhaustive study of the subject. Only about 5% of the people who drink abuse the privilege... 95% drink sensibly."

"No wonder you say it wouldn't be fair to take the privilege away from the other 95%, Judge. I agree with you."  

"I can't see it any other way, Clem. No more than I could see taking automobiles away from everybody because a few drive recklessly and have accidents. Or preventing the making or sale of cake or doughnuts because some folks eat too much and get indigestion."

"In the case of spirit beverages, the answer is one of education and better control."

"As a matter of fact, the responsible members of that industry are working consistently toward that end. They don't want folks to abuse the use of their product any more than we do."

This advertisement sponsored by Conference of Alcoholic Beverage Industries, Inc.
The late June A. Hunt was a pioneer who helped build the Old West into the new, and was a real pioneer type. He helped civilize the southwest with gun and pen, and with cattle and mining operations while doing the job. He, with his father, mother and brothers first settled on the old Maxwell land grant in the early eighties and were mixed up in what was called the Maxwell Grant war when it was attempted to forcibly move the settlers off of that wonderful property. June Hunt got it into his head to engage in journalism, so he established the weekly Raton Range, which he later sold, and the paper is still going good. June was a versatile writer, always full of fun and good humor when let alone, but a regular tiger when aroused, though he would smile while shooting an antagonist. He had plenty of personal courage, but would rather be engaged in personal pursuits.

He was engaged in the cattle business in the early eighties, and I give you all a photo of his old ranch house on the Maxwell section of New Mexico. He afterwards moved to El Paso, and then to Chihuahua, Mexico, where he was interested in mining. I met him there in 1908. Returning to El Paso after losing his money in the Mexico mines, he took a job as a policeman. While attempting to arrest a Mexican gunman, he was shot through the intestines, but they had to bury the gunman after June had put some 45 Colt bullets into his carcass, before he fell himself. After several operations, June recovered. He then moved to Los Angeles, where he was guard at one of the big industrial plants here for several years. His lovely wife died here several years before June did, and her body was sent to her old home and buried in her family's plot there. June was getting along in years, so he lived till he died, with his fine daughter, Pearl. He had thousands of friends all over the Southwest, and I was proud to call him my friend. He was a man who would do to take along.

In 1934, June Hunt wrote me the story of how he killed the Mexican outlaw, Manuel Lopez, in the early eighties, and as I want to use it in my new book, "Pioneer Western Empire Builders," I am reprinting it here, like he wrote it, as follows, to wit, quote: "The fairest section of New Mexico, the rincon of the Snowy Range and Raton Mountains was covered by the Spanish Maxwell land grant containing 2,000,000 acres of sun-kissed slopes and valleys, of which 360,000 acres are now a summer resort and game preserve owned by residents of Los Angeles."

"HURRY UP! He simply refuses to travel without his shot of Cutter Pelmenal!"

He's not taking any chances with shipping fever—that's sure! But better yet, when you safeguard your cattle with Cutter Pelmenal, you increase their resistance to many related diseases, too! We recommend vaccinating 10 days before shipping—so the vaccine has time to take hold. Use Pelmenal—it's alhydrox for sounder immunity!
set just out we would blow up the house. Then the man we were looking for shouted: ‘come for Lopez. Answer came that he wasn’t guided to a bunch of houses L shaped, and that if he did not come, he might. Going first to a shack where a cousin of Lopez lived, we made the sally was finally opened and there stood a giant, besides ambushing Deputy Sheriff Cook and Deputy U. S. Marshal Zeb Russell, killing the latter.

‘Dr. I. P. George, a veteran of the civil war, a little, crippled-up old friend of mine, proposed for me to join him and go up into the Mexican settlements and get that fellow out. That didn’t look good to me, with their houses in bunches and built L shaped in front. However, foolhardly, we made up a little party: Doctor George, and two young sons (to guard our horses), Barney Clark (who was afterwards killed in the Bank Exchange saloon at Raton by Dave Rudebaugh), and Pedro Chavez guide.

‘As we would have stood no show in the daytime, we made the sally in the night. Going first to a shack where Lopez was supposed to sleep, the door was finally opened and there stood a giant with a double-bitted ax ready for strike one, but no Lopez. We then were guided to a bunch of houses L shaped, where a cousin of Lopez lived.

‘We knocked on the door and asked for Lopez. Answer came that he wasn’t there. We told them that we knew better, and that if he did not come out we would blow up the house. Then the man we were looking for shouted: ‘Come on, you s.o.b.’s’.

‘Dr. George, the hero attacker, had bottles of kerosene and rags, breaking in windows and throwing in lighted rags, which the women jumped on and extinguished. Wild shots were exchanged occasionally as we punched out the chinking between logs and stripped off the poles, letting the dirt roof fall within.

‘Anticipating that Lopez would make a run for liberty, I posted myself at an inside corner of the L but just outside of a four-foot fence. Soon he came running down-grade like a black-tail buck right into me. When not over three feet away he met the fire of a 45-90 Winchester carbine in the breast. Ninety grains of powder spread a theatrical light all over him, yet he did not fall, but turning swiftly, entered a side door a few feet away. As day was breaking we found him dead, and in possession of Zeb Russell’s ivory-handled 45 gun, which we returned to Russell’s widow.

Thirty years afterward, this same gun, in the hands of Bill Russell, ended the life of Charley Quaily, in El Paso, a popular mining man from Chihuahua, Mexico.

‘Daylight showed us that a host of Mexicans were saddling up at the settlements around us, so we made no apologies for our hasty departure, leaving one house in ashes and smoke.

‘Next day Lopez was buried with all the honors of a Roman general by a people who admired him.’ Unquote.

When A. M. Cain read the above story in the Journal, he wrote me as follows about it. Quote: “Fullerton, Calif. Dear King: I have just read in the Longhorn section of the Journal, the account of the sudden death of a Mexican bandit by June A. Hunt. As

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**S**

is for Summer ahead— with

- **SOREMOUTH**
- **SLEEPING SICKNESS**
- **SCREW WORMS**

Let Cutter help you control them. Easy, sensible preventive measures now, save you work and worry all summer long.

**How to Stop Soremouth:** Vaccinate routinely with Cutter Ecthyma Vaccine. Any time, any season. Soremouth spreads fast, causes costly weight loss— so vaccinate early.

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---

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Mr. and Mrs. June A. Hunt, photographed while sitting in the old military plaza at El Paso, Texas, in 1912.

night at my father's, on their way to Texas, and gave all the details of the killing. I am sure this murder took place on the Matador ranch.

"I also remember the gun that Bill Russell killed Quailie with at El Paso. I also rode for Russell at two different times when he was foreman for the 24 Circle outfit in the 90's. I also knew and worked with two brothers, Charley and John Russell. Charles was the youngest of the boys and was drowned in a reservoir about 15 miles north of Lamar, Colorado, in the summer of '97. John Russell—I just can't recall the exact date—was killed near La Veta, Colorado, while arresting an escaped outlaw from the state pen at Canon City, Colorado. He and the outlaw met death at the same time. The prisoner was just a little the quickest on the draw and shot Russell through the heart, and as Russell settled to his knees he fired and shot Russell through the heart, and as the prisoner was just a little the quickest on the draw and shot Russell through the heart, and as Russell settled to his knees he fired and killed his man. These boys were all fine fellows and certainly had nerve. At the time John Russell was killed he was in the discharge of his duties as that of guard at the state pen of Colorado.

Unquote. Mr. Cain is one of them empire builders, too, but I don't have his story.

Wheat for Fattening Beef Calves

For the third year, wheat fed mixed with silage was worth about 10% more than corn for fattening steer—110. Previous tests had demonstrated that this is a practical method of taking advantage of the higher protein content of wheat when protein feeds are scarce. Rolled wheat, first tested this year, was slightly less satisfactory than ground wheat.

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I have...head of livestock.

WESTERN LIVESTOCK JOURNAL

Page 42
Mavericks
by FRANK M. KING

Dr. Dan Trigg, of the famous cattle Trigg family of Tucumcari, New Mexico, sent me a photo of his champion quarter hoss, Chubby that was bred as a yearling at the state fair at Albuquerque in 1941, then won first at the same fair in 1943 and was grand and won get of sire class at Amarillo, Texas, in 1945. Two of his yearlings took blue ribbons, and Chubby III, took second at Amarillo, All owned by Dr. Trigg. Anyone glancing at the photo of this beautiful quarter hoss can see why he won grand champion honors.

and as a race hoss, his time has never been lowered, going a quarter of a mile.

The Quarter hoss has no equal, even though some breeders of other horse breeds advertise hosses of "Quarter hoss type." In type, the Quarter hoss is unlike any other breed and if a hoss is of Quarter hoss type, he has Quarter hoss blood. In performance and endurance the Quarter hoss has never been excelled, and in blood lines he has held his own for well over two hundred and fifty years. There is but one way to preserve the Quarter hoss, and that is to breed Quarter hosses.

Away back yonder, my friend Lee Shippey wrote a piece about me in his column "Lee Side o' L.A." in the July 1, 1940 issue of the Los Angeles Times that sorta tickled my vanity, so when I ran across it the other day in my scrap book, I decided to reprint it, like Lee wrote it as follows, to wit, quote:—"Lee Side o' L.A." by Lee Shippey. Frank M. King, associate editor of Western Livestock Journal, is unique, now that Will Rogers is no more. Frank knows the Southwest as well as Will ever knew Oklahoma, knows and loves horses and cattle as Will did, has the wisdom which comes from hard contact with life stripped of all its unrealities and the desert-dry humor which is the coinage of the courage, the faith and the grim determination of those who conquered the West. Men who couldn't see the humor in the hard life through which Frank King has worked his way simply cracked up.

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But Frank has something which very few men who have lived the life in the West have had. The ability to write, not romantically, as some skilled novelist or scenarist might write after a few weeks of research about the ways of the West, but as one whose blood and bone and sinew, whose brain and stout heart, are all part of the life he describes. When Frank King leaves us there will not be anyone left in the entire West to take his place. But Frank isn't even thinking of going yet. On the contrary he has just written another book, 'Longhorn Trail Drivers,' which every writer of western history or fiction will want as a source book. Most of us have heard of the Chisholm Trail, for example, for many years, but know very little about it. Frank takes you over it with Jesse Chisholm. This book is genuine western history in genuine western vernacular.” Unquote. Well, tellers "Longhorn Trail

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Drivers" has been sold out and I can't get any more published until we whip them Japs, and print paper is again available.

* * *

I was sorry to read in the daily papers of the passing of my friend, Edward Borein, who rode out to his last roundup at his home in Santa Barbara, California, on Saturday, May 19, 1945, and was buried there on the 21st. Ed Borein was a famous artist, and did his best work on cattle ranches, horses and cowboys. Ed was a former cowboy on southwestern cattle ranches, but had a natural talent for making pictures. Many years ago, he met the late Will Rogers, who induced Ed to go east and take a few art lessons. In fact, Will helped the cowboy in the matter of expenses while carrying on his studies. He and Will were very close friends and they often made trips together. It was Rogers who introduced me to Ed several years ago. I have several small sketches Ed sent me at times and he always sent me one of his original Christmas cards. He had made his home in Santa Barbara for years, and had his studio on El Paseo, Santa Barbara. Ed Borein, was a famous artist and yet he was always the cowboy, and enjoyed nothing better than his trips into the cattle range.

** In looking over "Cow Country," official bulletin of the Wyoming Stock Grower's Association, dated November 30, 1944, I noticed a couple of items about the passing of two pioneer cattle men and as some of you old western cattle ranchers, bosses and drivers might not have heard of their passing, I'll mention them here, as follows, to wit, quote:—"Ernest A. Logan, 87, well known and beloved pioneer cowboy and stage driver, passed away at Cheyenne, October 24, 1944. He was a pioneer dating back to 1875, when as a boy he came with his family from Decatur, Illinois. His father was in the Ordnance Service of the U.S. Army at Camp Carlin, Mr. Logan was the last living stage driver, so far as is known, that drove on the Cheyenne Black Hills Stage and Express Line. Back in 1881-1882, his drive was Hot Creek, and later Ft. Laramie and Rawhide Buttes. In 1888 he worked as a cow boy on the range in southwestern Wyoming. He then punched cows for the Quarter Circle 71 outfit up in the Sweetwater country.

** **

"He was remarkable in his accurate recollections of early historical events, both on the Black Hills stage line and on the range. He later made his permanent residence in Cheyenne, at the time employed in Frank Meana's saddle and harness shop, where he op ed remarkable skill in making and spurs. Back in the early days, cowboys' outfit was complete a Logan bit or a pair of Logan spurs."

June 15, 1945

WESTERN LIVESTOCK JOURNAL
They learn the tricks and they put on a show and that is what the Cowboy Turtle Association puts on. Anyone who wants to see a real cowboy rodeo, with only real cowboys and heifers sired by the WHR Princeps, is permitted to enter, and the time made by contestants equals that of the professionals, so what? I never could understand why the name "turtle" was hooked on to a rodeo association, unless the boys couldn't turn over when they got piled on their back. E. Bowman is out. How can one Earl Lindsey handle the professional show business no one knows, and personally I don't care. Only a few of them contestants are real cowboys. They learn the tricks and they put on an entertaining show and that is what the public pays to see, but why call the participants cowboys? Of course, the word cowboy is not copy righted, so there is no reason why this professional organization shouldn't use that title if they want to. Anyone who wants to see a real cowboy rodeo, with only working cowboys, they can see such at Stamford, Texas, where the Texas Pioneer Cowboy Association puts on a big one every July, when they stage nine shows in three days and no one who ever took part in a professional rodeo is permitted to enter, and the time made by contestants equals that of the professionals, so what then.

** **

*I MAVERICKED THESE, some old and some new. A man instructor in a Lockhead war plant said to a new girl worker—"The most terrifying word in the English language is 'Confession.' " That was the last he remembered of the job, until he came to in a hospital. I have thought a heap of hard things about Hitler and the Japs during the past several years, but they are mild and kindly in comparison to what I think of the feller who deliberately put his head in front of me in the ticket line at the picture show. Unconscious humor often the funniest, particularly when it crops up in sober treatises. This is a famous philosopher, George Santayana's new book, "Persons and RaisePropertyChanged." In regard to rival forms of art and civilization, I was directed from the beginning toward impartiality, which does not imply omnivorousness or confusion. All beauties are to be honored, but only one embraced." A clothing merchant was complaining of a woman. "Even counting sheep she had no sighted. "I counted 10,000, I combed the wool, had it woven into cloth..." I made into suits... sent to Boston... and lost $21 on the deal. I didn't sleep a wink!"

** **

He is survived by his son, Dr. W. E. Logan, U. S. Veterinarian in charge for the Federal Government in the State of Wyoming, and his two daughters, Mrs. John M. Schaefer and Mrs. Alfred Harris, and sister, Mrs. Frankie Carlow of Sacramento, California.

** **

"Alvord, 81, pioneer cowman from the Laramie Plains country, died at Denver. In 1881, Alvord rode into the country with a pack-horse, bed roll, frying pan and six-shooter, his earthly posessions, and located near McFadden. His 160-acre homestead grew into one of the largest ranch outfits in southeastern Wyoming. His son, Lloyd, member of our Executive Committee, now manages the 34,000 acre ranch." Unquote.

** **

ALDARRA FARMS

(W. E. BOEING, Prop.)

PACIFIC NORTHWEST SOURCE FOR DISCRIMINATING BUYERS OF STRAIGHT WYOMING HEREFORD RANCH (WHR) BREEDING

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The loss from them can be large, both from death of animals and retarded growth in the case of affected animals. Stomach worms are usually found where sheep are kept. The combination of nicotine and copper sulphate known as "cunic mixture" is accepted generally as an effective treatment for stomach worms. It is economical and efficient.

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Black Leaf 40 always uniform—always dependable. For years it has been the country's leading Nicotine Liniment. Black Leaf 40 is known as a dip control certain types of scab—mite and lice, also sheep ticks. Dealers in ranch supplies carry Black Leaf 40. Demand the original, factory-sealed packages to assure full strength. Full directions for use in every package. Write for free literature giving full details on the use of Black Leaf 40 on farm and ranch.

FOR STOMACH WORMS

"Dissolve 32c ounces of Copper Sulphate in 1 gallon of soft water. Dilute at the rate of one gallon of the whole solution to nine gallons of water, making 10 gallons of a 1/10% solution. For making the combined Copper Sulphate plus Nicotin Sulphate mixture add 10 to 10 gallons of 1/10% Copper Sulphate solution." Contained from Bulletin No. 446, Texas A. & M. Exp. Station.

NOTE: The dosage of the above formula is 1/2 to 4 ounces for adult animals. 1 to 1/2 ounces for lambs. See Black Leaf 40 labels and leaflets for more complete instructions.

HOW YOUR GRASS?

Continued from Page 19

or more. Harding grass (Phalaris bulbosa) has become a notable competitor with resident species. It has been found useful in many parts of California and Oregon, being especially favored as a late fall and winter feed. This is a member of the Canary grass tribe that produces tuberous swellings at the base of the culms through which the plant survives the long dry summers. A closely related species (Phalaris tuberosa) is being widely used in Australia and is acquiring some recognition on the west coast, especially in southern California. Low fertility and high seed costs are the limiting factors with both species.

Burnet (Sanguisorba minor), an herb of the rose family, has recently acquired much popularity in California and is now growing in other states. This is a tap-rooted perennial that remains green almost throughout the summer, seeds freely and spreads readily through volunteer. It seems to be an able competitor with St. Johns Wort and other range weeds. Recently a 75-year-old planting of this was found in Shasta County, Calif. This small field is now being devoted to seed production. Meanwhile, many other plantings have been made for seed increase and it is probable that domestic suppliers will soon be ample to replace foreign European shipments. Climatically this plant seems to tolerate the hot summers of interior valleys and the cold winters of the mountains with equal facility if the soil is deep enough for its tap root to reach sub-soil moisture. Its adaptability and feed value are apparently similar to the famous "alfaire".

Where winter conditions are still more mild, one of the rice-grasses (Oryzopsis miliacea), commonly called "pacific", or "California grass" and Rhodes grass ( Chloris cayana) and African Veldt grass (Ehrhartia calycina) show much promise.

Among the most resistant and persistent species used in a wide range of tests are our old friends of the Medicago group, the alfalfas. From Leda, Grimm, Concho and other winter hardy varieties in the north to the common southern grown for the south, a few plants of alfalfa will persist in almost any range seeding where the soil is deep enough to accommodate its root system and is a member of the Canadian boundary to the Mexican border.

Tall oat grass, several species of perennial bromegrasses, the Danthonias or true oat grasses, various species of forage resources. Plant breeders have not yet become conspicuous in the range improvement picture, but their role is likely to be of increasing importance. Many experiment stations in the range country have already made contributions. Idaho, a distinct species has come out of the plant breeding in the form of Mitchell's Hybrid. This is a cereals which has been used with perennial tendencies. Though much attention has been given to the weedy type, it has added ligned among scientists, it has added...
GRASS?

Ages (Phalaris paradoxa) have become a notable asset to the rancher. It has a many parts of the country, being especially adapted to the winter feed. The Ornamental grasses such as Muhlenbergia are useful for ornamental and pasturage associations. John Wirt and recently a 75-year-old man who has made a significant contribution to the development of range grasses is a native of Oregon. The success of his work was due to his intensive research on the adaptation of grasses to various environmental conditions. The grasses are distributed throughout the world, with some species being found in the Arctic and others in the tropics. The grass family includes over 10,000 species, ranging from tiny tufted forms to the giant reeds of the marshes.

Parallel with breeding and selection efforts, studies in the field have been conducted to determine the adaptation of grasses to specific environmental conditions. These studies have shown that grasses can be adapted to a wide range of conditions, including extreme temperatures, drought, and soil types. The results of these studies have been used to develop new varieties of grasses that are better adapted to specific environments.

In Washington much work has been done to improve the quality of range grasses. A recent study has shown that by selecting for traits such as drought resistance, leaf palatability, and good seed formation, it is possible to develop grasses that are better adapted to the local environment. These improved varieties are now being used extensively on the ranges of the state, especially in the drier areas.

This five-room house at Endicott, N.Y., was owned by H. B. Sager, Livestock Auctioneer, and is located on the outskirts of the town. The house was built in 1941 and has been well maintained. It has a beautiful garden in the front yard, with a variety of flowers and shrubs. The house is situated on a hill overlooking the town, and offers a wonderful view of the surrounding countryside.

**NEW LIVESTOCK JOURNAL**

**A. H. Karpe Increases Acreage by Reclaiming Slough Land**

A. H. Karpe, new owner of the old H. B. Sager, Livestock Auctioneer, property, has been busy building up range acreage. He has purchased several acres of slough land and has been clearing and improving it. The project has been successful, and the land is now producing good yields of forage. Karpe has also been experimenting with various grasses and legumes to improve the fertility of the soil.

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This five room house at Endicott, N.Y., was owned by H. B. Sager, Livestock Auctioneer, and is located on the outskirts of the town. The house was built in 1941 and has been well maintained. It has a beautiful garden in the front yard, with a variety of flowers and shrubs. The house is situated on a hill overlooking the town, and offers a wonderful view of the surrounding countryside.

**H. B. SAGER—Livestock Auctioneer**

Years of experience, knowledge of pedigrees, show records, individual merits, personal acquaintance with most of the breeders in the state enable me to render you a service that will help make your sale a success. Write or wire early for dates. Phone 549W.

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NORTH PACIFIC
HEREFORD SALE

Continued from Page 22

Peerette 34th and S & F Purity 6th, going to California.

Simon McDonald of Bonners Ferry, Idaho, bought Aldarra Princeps 9th, for $1,028. This bull is also a straight WER-bred animal, very low set, and shows plenty of character.

Fred E. Cox & Son of Grass Valley, Ore., took home Smith and Freeman's S & F True Donald 7th, who stood second in his class of bulls calved between Jan. 1 and April 30, 1943.


C. W. Hickman, professor of animal husbandry at University of Idaho, Moscow, who selected the animals for consignment earlier in the year, judged them Sunday afternoon preceding the sale for the benefit of the buyers and the many visitors anxious to see the top-quality consignments.

While all the members of the North Pacific Hereford Association worked hard to make this, their first show and sale, a success, special credit should go to Oscar Smith of Montesano, Wash., who spent lots of time and effort in getting the setup organized, both before and during the sale. Outside sale and show hours, entertainment was provided for the out-of-town guests, in which many local businessmen and breeders joined.

Bob Teale, Western Livestock Journal's field representative in the Northwest, served as sale manager.

The Lewis County Board of Supervisors took an active interest in the sale's promotion, providing new seats and sales ring in one of the large buildings at the County Fair Grounds. Citizens present were unanimous in praise for the facilities, and predicted many more such successful events for the Twin Cities, and their helpful citizens, including Mayor R. W. Sprague, Ed S. Mayes, chairman and Don Ward, secretary of the Centralia Chamber of Commerce, Al Burdick of the Centralia Bank, who served as a clerk, Claude J. Oliver of the Lewis-Clark Hotel, who provided rooms for committee meetings and many others.

But War Bonds

North Pacific Hereford Sale

Purchasers

C. E. McEleigh, Elkton, Wash.
Clay Nichols, Lebanon, Ore.
B. E. Johnson & Son, Centralia, Wash.
C. R. White, Centralia, Wash.
Calvin White, Yelm, Wash.
Campbell & Kreibach, Kalama, Wash.
Brook Haynes, Packwood, Wash.
R. J. Endsley, Wapato, Wash.
E. S. Blankenship, Randol, Wash.
N. E. York, Ocosta, Wash.
Ben Hatfield, Mossyrock, Wash.
Mrs. P. H. Marvin, Yelm, Wash.
E. E. Cheddie, Wash.
A. Bueck, Ocosta, Wash.
Mrs. W. C. Hill, Box 196, Wrigner, Grays River, Wash.
Clarence Briley, Mossyrock, Wash.
L. E. Hunter, Ocosta, Wash.

Montana Type Polled Herefords

Means Quality and Weight for Age

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

Roberts Loan and Cattle Co. • Wm. Spidel, Pres. • Roundup, Mont.

Pruner POLLED HERFORDS—Home of Famous Domino

YEARLING BULLS AND WEANERS FOR SALE

Ranch located 3½ miles southwest of Kingsburg, one mile south of Elkhigh Avenue. A. E. Pruner, owner—Yarn Pickrell in charge

Pruner Polled Hereford Ranch, P. O. Box 315, Kingsburg, Calif.
Offering for Sale a Number of

POLLED HEREFORD BULLS

Heavy-boned bulls with scale and quality. Several herd bull prospects, a number of range bulls.
Also two extra-good horned bulls.

ROLLING RIDGE RANCH

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PAUL GREENING, Owner

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RANCHO LOS POTREROS

TED CHANDLER

POLLED HEREFORDS

Los Olivos, California
Santa Barbara County

Curipamba
Polled Herefords
J. W. MERCER
Route 1, Box 60
Gilroy, Calif.

FOLMSBE & GREEN
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POLLED HEREFORDS
Yearling Bulls for Sale
POMEROY
WASHINGTON

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

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

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Polled Herefords
FOR SALE

Young bulls from the best crop we have yet developed. Some females, too.

Inspection invited. All our cattle registered in both the Horned and Polled herd books.

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MERIDIAN
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AUCTIONEER
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Page 49
And Local Infections Common Among Livestock

H.E. LOCH

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Range Raised Bulls

ARROYO GRANDE — CALIF.

Circle M Sale

The Circle M Hereford sale, held at the Farm Bureau yards, Madera, Calif., May 21, found most of the offering in just fair pasture condition and they brought very conservative prices from the buyers.

However, Owner Al Mendel and Herdsman Carl Davis had fitted a group of bulls for the occasion and these met with a ready response. Donnie Domino, a Chambler-bred herd bull, three-year-old son of Donald Domino 16th, was secured by E. G. Webb for his registered Hereford herd at Lindsay, Calif., at $1,100.

Mr. Webb was one of the heaviest buyers at the sale. He also purchased Cook’s True Mold, yearling bull by W.R. True Mold 15th, at $400. M. Grub, King City, Calif., bought Moejave Beau 1st, an attractive animal by Beau Mischief, for $350. C. C. Ray and John Robinson, Merced, bid in the other two fitted bulls for $325 and $190.

Other buyers included: Cornelius Nolh, Madera; Sundlum Ranch, Clevis; Harry Parker, San Luis Obispo; E. M. Varin, Visalia; Fred Barnett, Madera; Dauenhorn Bros., Madera; O. L. Baker, Madera; Willoughby Hauck, Dos Palos; Ellsworth Phillips, Madera; Adobe Ranch, Madera; Mrs. George Hansen, Aromas; C. L. Douglas, Exeter; Country Royal Ranch, Denair.

The kind of cattle needed on farms as good for the future, as such animals as: C. C. Ray, of Merced; W. E. Coates, Sonora; Joe T. Robinson, Mariposa; and B. C. Ray, of Los Banos.

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Page 30

Western Livestock Journal

Young, register in a dam book and sire will be recognized for breeding purposes. Calif. Harold Fadden is the designer of the Diamond Star, a symbol which is peculiarly significant and useful. Very few powerfully make the treatment of farm animals and pests tests a scheme which will pay dividends to the Vetticilians and the farmers, but the methods are not yet perfected.

Field testing, being carried out in the cultural climate necessary for Early results, with the most money. With the treatment of the livestock mastitis, the direct infection to the beef, as well as the killing off of any future infection, it joins the beef and it joins the butter. The belief is that the animals will become free of disease and then serve as a barrier to the disease.
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Pioneer Washington Stockman Passes

Stockmen in Washington lost a tried friend in the recent death of John Hefnrey, Curlew, Wash. A pioneer cattlemen of the Evergreen State, Mr. Hefnrey was one of the prime members of the Washington Cattlemen's Association and one of the best-known livestock breeders and public speakers connected with the livestock industry of his state. He served as president of the association for some time and was an active participant in association affairs until shortly before his death.
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Washington Cattlemen's Column
Management School Replaces Annual Convention

MORE BEEF and better beef was the central thought of the Washington Cattlemen's Association feeding and management school held at Toppenish, May 18 and 19. The feeding and management school took the place of the usual association convention with emphasis on fattening cattle largely with by-products feed, control of parasites, good marketing, and wise marketing. This school ended with a tour of several large feed lots in the Toppenish area, heart of Washington's cattle fattening section. Much of the ration of their choice cattle was such by-products feeding as beet pulp, cull potatoes, and canning plant refuse. The cattle were viewed by the several hundred local and visiting stockmen.

The newly-elected president is Ross Woodard of Loomis. Woodard is one of several successful range operators who attended as delegates from county livestock associations in other sections of the state to learn the lessons of finishing and marketing in the fattening area. These delegates carry back the lessons they learned to their neighboring stockmen.

Efficient livestock production, both on the range and in the feed lot, were emphasized throughout the meeting. Control of parasites, particularly cattle lice and grubs, came in for a great deal of discussion. Ranchers Tippet and Rogers described their newly-installed successful dipping vats. Other ranchers and Dr. Kilpatrick of the State Department of Agriculture discussed control of lice and grubs by spraying with the power orchard sprayer. It was agreed that dipping vats were the most convenient and efficient where a large number of cattle can be treated at one time, but that spraying is preferable for medium-sized herds in localities where a large number of cattle cannot be brought together for treatment.

Efficient feeding and good breeding were not overlooked. One of the tour stops was at the good purebred herd of Frank Riches of Buena.

One discussion of particular interest in the school was that of marketing—not only the viewpoint of the meat packer but the viewpoint of the meat consumer were both presented most interestingly by packers and wholesale meat dealers. All of the talks and discussions covered lively questions and debates among the cattlemen present.

Game Control
A commonsense program of game control was outlined by cattlemen Alan Rogers and Walter Schrock. Just as the maximum output and the best quality of cattle or sheep are secured by controlling livestock numbers in relation to feed, so the greatest production of the best quality game, they pointed out, would be secured by planned game pro-

Earn your living by feeding and selling the best livestock available. Inquire for Sisalkraft stack covers and portable silos. See your lumber dealer for complete information.
They recommended the establishment of both livestock and game-carrying capacities by committees of stockmen and game men assisted by such trained experts as Soil Conservation men and Forest Service representatives.

Newly-elected officers besides President Woodard are Directors Ernest Brown, Toppenish; Clarence Doody, Sprague; Robert French, Okanogan; Fred Hanson, Ellensburg; and Herbert Benge. Bill Fancher of Toppenish replaced Ross Woodard, newly-elected president, as another director. The name of Carl Greif of Uniontown was added to the Honorary Advisory Committee composed of former presidents. Other members of this committee are R. L. Pickens, Tonasket; Rufus Schmehl, Ellensburg; and Art Hensel, Waterville.

Stockmen and townsmen of Toppenish and vicinity proved themselves unexcelled hosts in their carefully-planned and hospitable entertainment of visiting stockmen and their ladies. Most of the several hundred stockmen attending the school were local men. Delegations were present from all important livestock counties in central and eastern Washington.

Omak was selected as the meeting place of the Washington Cattlemen's Association in 1946 and bids for the 1947 convention were received from Dayton and Ellensburg.

Membership in the association is running high and a strong financial position assures the possibility of payment of the $1,000 reward for the apprehension of cattle thieves preying upon members of the association, if any are reported and convicted, as well as funds for a constructive local, state and national program in the interests of livestock producers.

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WASHINGTON LETTER
Continued from Page 14

he makes his home when not in Wash­ington. He is married and has two chil­dren—a son in the Army and a 15-year­old daughter.

It has been as a food investigator that Anderson has risen to prominence in newspapers almost overnight. His work as chairman of the food investi­gation committee has attracted generally favorable attention.

President Truman, in announcing the appointment, said he had had Anderson in mind prior to the reports of the com­mittee, but it really was those that con­vinced him that the New Mexico Congress­man was the man to straighten out the food jumble.

The Anderson committee report was an expert job of tightrope walking. It was sharply critical of OPA and WFA while not giving Republicans too much ammunition to fire directly at the Demo­cratic Administration.

Many people in Washington think Anderson “pulled his punches” in the first committee report at the request of the President. There had been every reason to expect the committee would recommend a food czar when Anderson took over. But, according to a draft of the report to the White House.

But, when it came out a few days later, the Democratic majority on the committee had recommended only that the President “consider needed coordi­nation” of food management. The Re­publican minority went ahead with a recommendation for a food czar.

During the hearings preceding the first report, Anderson gave Administra­tion spokesmen every opportunity to defend their actions, but he did not pull any punches when he started trying to pry loose information.

Many high Washington officials will tell you privately . . . but not for publication or quotation . . . that they believe the war in the Pacific may fold up at any time. That belief is having a profound effect on civilian planning.

It also is resulting in some feeling between certain military and civilian offi­cials. The military is, as it must, proceeding on the theory that the war against Japan will be fought out to the bitter end—as it was in Germany. That could take a year, maybe two.

The military view, which must take official precedence in national plan­ning, means that war production will have to be kept at a high level. The facts are, despite all the talk of rapid reconversion, that production of war materials will not be cut back much before mid-fall under present military planning.

To be sure, many restrictions will be removed on production. For example, quotas were lifted on the manufacture of farm machinery starting July 1. Any manufacturer can make all the machines he can get the material for. The catch will be that the military will continue to have first call on materials, and civilian production can expand only as rapidly as military production con­tinues.

Civilians authorities have been told, in effect, that they’ll just have to take

A REAL OPPORTUNITY

TT Triumphant 21st by the sire of the Grand Champion Bull at the National Weaner in Denver, 1944, and the $30,000 bull in Denver this year, is forty head of good young cows in the dispersal of our purebred herd. Here is a chance to get a real hybrid bull for your purebred herd.

Write or wire C. H. Biggs at Grand Junction, Colorado or J. W. Eldred at the ranch.

Bear Claw Ranch
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Only at Bear Claw do you find such potential and performance as is represented in our trio of bulls.

ADVANCE DOMINO 194th is the only living sire of two Denver champions.

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Bob Wall, Box 787, Ph. 762R. Tulare, Calif.

Calf Scours
Help Save Calves with New 4-in-1 Vitamins

There is a new way to help save calves from scour when trouble comes from feeding. Other scour sufferers develop when there is a shortage of fluid, the essential vitamins—A, Ascorbic Acid, D and Niacin. Scientists have found that such vitamin supplements help greatly in preventing scour, especially in calves that are born and reared in the cold.

A 4-in-1 capsule containing 5,000 milligrams of Niacin, 250 milligrams of Ascorbic Acid and 200 units of D vitamins are increased by the administration of the 4-in-1 vitamin pill.

This special 4-in-1 vitamin capsule is known as MINNEKALS. The formula was developed by the Journal of the American Association. MINNEKALS are offered at very low cost. No other similar-type capsule or powder is sold for so little. They are the most economical of the vitamin supplements under the name of one of the largest vitamin distributors. They are sold only through the mail. Send today for a sample.

A real hybrid bull for your purebred herd.

The catch will be that the military will continue to have first call on materials, and civilian production can expand only as rapidly as military production con­tinues.

Civilians authorities have been told, in effect, that they’ll just have to take

for HIGH acre yield

Plenty of water is the basis for bountiful crops. A Peerless Pump produces simple water right through the peak season. It will produce from any depth. Once installed your water worries are ended. Choice of oil or water lubri­cated types; any available power drive—direct connected motor, right angled gear drive or straight belted head.

PEERLESS PUMP DIVISION—Food Machinery Corp., 301 West Avenue 26, Los Angeles 31, California.

EASTERN FACTORY: Can­ton 6, Ohio.
The new meat program, although rather drastic, did not come as a surprise to those who had followed the events leading up to it. In many respects it satisfies neither WFA nor OPA.

WFA, for example, would have preferred market price adjustments on fed cattle to subsidies. But, after finally giving in on subsidies to feeders, Jones sold out for a minimum of $1 a hundredweight. Then WFA suggested a graduated scale of payments: 50 cents on 30 days, $1 on 60 days and $1.50 on 90 or more days. War Food officials argued that cattle on feed for 30 days are above normal in numbers and that the 50-cent subsidy would not meet the need for encouraging 90 to 120-day feeding required for really putting out first class beef.

The subsidy revisions to slaughterers has a lot of administrative headaches in it. The order says, in effect, "if you can't make a profit on the subsidy you're getting we'll increase it." Rates will be determined on the quality of individual plants and appear to offer little incentive for efficiency and economical operation.

Principal points of the subsidy program are:
1. A feeder subsidy of 50 cents per hundredweight on cattle of AA and A grades, effective immediately. Payments will be made by CCC directly to sellers who have held the animal at least 30 days.
2. Effective June 4, nonprocessing slaughterers were granted an additional subsidy of 40 cents per hundredweight on beef.
3. Retroactive to April 1, the pork subsidy to packers is increased by 40 cents, or from $1.30 to $1.70 a hundredweight. This, Vinson said, would be continued only until a more thorough accounting study is made to determine processing costs.
4. Effective June 4, subsidy payments on all grades of cattle were increased by 25 cents a hundredweight to both processing and nonprocessing slaughterers.
5. There will be no downward revision in the overriding ceiling prices or in the maximum stabilization ranges for beef, except bulls, without at least a six months' advance notice.

Q. What important rule is followed in the design of all Anchor Brand Curry Combs?
A. Careful construction that considers the animal as well as the owner: Good quality steel for durability — solid assembly without skipping of rivets — uniform teeth without injurious, jagged edges — ferrule that stays put — seasoned hardwood handles red-enameled to attract attention when misplaced.

Q. Why should you always specify Anchor Brand?
A. Because Anchor Brand Curry Combs — as well as other products bearing this name — are of superior design, materials and workmanship — moderately priced yet outlasting by far cheaply made "bargains."

Order from your hardware or harness dealer — today.
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Redwood City, Calif.

issued by WFA are voided under the order. OPA issued blanket extension of present licenses pending re-examination of the nearly 25,000 issued by Westco.

Beef animals for which subsidy payments are collected must be slaughtered without again being moved out into feedlots. What, however, assured producers that there will be no ceiling changes without six months’ notice. That means that cattle producers have at least a year to operate under steady prices at about current levels.

* * *

The Vinson order strikes directly at the heart of blackmarketings in meats. There is some question as to how much meat has been finding its way into blackmarkets, but even OPA has admitted that the percentage is “substantial.”

New set-aside provisions empower the government to trim any packer’s sales to civilians down to “normal” size. That can be done by the Army simply moving in to take a heavier percentage of any packer’s kill.

In addition, the order sets up a record system to check movement of livestock. This gives the government a powerful club over meat slaughterers and distributors. It enables OPA to revoke—and thus put out of business—any slaughterer who operates illegally.

Perhaps even more significant is a provision authorizing OPA to set up a meat distribution program. What this really amounts to is federal supervision of the finished product. Packers must submit regular reports of slaughter and meat distribution. These reports should be used as the basis for government orders directing the flow of meats into shortage areas.

* * *

Up until the time the meat order was issued there was included a provision dealing with hog production. Officials recognize that most of the meat shortage is due to reduced hog production—that beef supplies actually have increased.

For some reason not yet clear, no mention was made of pork except to increase the packer subsidy by 40 cents. The preliminary plans, however, contain a provision taking the weight limitation off hogs and making all weights subject to the $13 (Chicago basis) support.

There was talk, too, of raising the support price on hogs to $13.50. However, a day or two ahead of the Vinson order it was decided to hold up the support price increase until the 1945 grain crop is a bit more definite.

WFA officials recalling the 1943 hog crop of 122,000,000 head and the 1944 shortage of grain, intend to take every precaution against a repetition of that situation.

BUY WAR BONDS

California State
Fair Names Manager

F. M. Sandusky of San Diego has been named secretary-manager of the California State Fair, according to announcement by Fred Bixby, president of the board. Mr. Sandusky had charge of exhibits and concessions at the San Francisco Golden Gate Exposition. He succeeds the popular Kenneth Hammaker, now in the OPA San Francisco office.
EVALUATION
Swine Outlook Promising for Buyer and Seller

By WALTER MILLER

The summer and fall season of registered swine sales in California starts in August, offering collectively modern, with more quality hogs in greater numbers than have been crowded into a similar period in California in many years. Here is the list:

August 1—California Swine Breeders' Association, Arcata, breed sale, Arcata, Rolla L. Bishop, chairman sale committee, Fortuna.
August 19—California Duroc Swine Association, Los Angeles, C. W. H. Smith, chairman sale committee, Los Angeles.

This series offers new advantages to buyers in way of selection among all breeds. The theory that the more hogs offered, the greater the buying interest, is to be hoped, will work out in practice.

The status of the purebred industry is good. Allowing for the fact that there has been a scaling down of brood sows in most registered herds, there definitely is no surplus of hogs for sale, no carry-over of hogs in the market. In fact, it is with considerable difficulty that the various sale managements are getting enough entries to fill their quotas.

And while there is much yet to be hoped for on the market end of the hog business, there is no denying that the situation is better than a year ago at this time. Scarcity has prevented sales at or even near the established level. There are takers a-plenty for all offerings. Only the insistent points of keeping feed costs consistent and stable and of lowering the cost of production, chiefly through cheaper feed stuffs, including the maximum use of green forage and alfalfa or clover pastures.

Neither nor nor at any time is there a market for food nor one that short-changes her owner on the number of the food raised, to say nothing of the feeding ability of her offspring. The market furnishes a way out for all alike, and that is exactly the practice being followed by most modern breeding and commercial pork producers. Purebred swine, and of their biological and pharmaceutical names, the all-around desirability of hogs offered.

Both objectives are steps in the right direction. What an opportunity confronts the breeders of swine to really promote their industry, by selling for breeding purposes only the kind of animals calculated to make good in the hands of buyers! There is the responsibility of doing a great work for the purebred industry, by encouraging the buyers to the extent that they may feel that a pedigree written by a reputable breeder and certified to by a responsible organization is in itself a guarantee of sound values when such animals are offered for sale.

All things being equal, the time is here when it is sound policy for a breeder to think long with his stock commands, or in being late in putting him in market price situation, which many feel must inevitably develop.

One thing in this is to inject educational values into their sale programs. This cannot be true of the Mill-Farms dispersion, which is a private enterprise, yet the soundness of the buckland breeding program conducted there stands as an assurance that only modern type and real breeding value can be purchased. That herd sells when at its peak in breeding efficiency.

The three association sales scheduled for August will be made more interesting to visitors and prospective buyers through type conferences and shows, the work of rating committees, etc. The purpose is twofold—(1) to create in the minds of hog people a better understanding of type and conformation, what to look for in a strong sire, what to expect of a real brood sow, and (2) to elevate the all-around desirability of hogs offered.

Both objectives are steps in the right direction. What an opportunity confronts the breeders of swine to really promote their business, by selling for breeding purposes only the kind of animals calculated to make good in the hands of buyers! There is the responsibility of doing a great work for the purebred industry, by encouraging the greatest degree of confidence on the part of buyers, to the extent that they may feel that a pedigree written by a reputable breeder and certified to by a responsible organization is in itself a guarantee of sound values when such animals are offered for sale.

Part of the group of Duroc sows recently given to the University of Idaho by W. E. Beeson, animal husbandry professor; Paul Kimberling, swine herdsman.

Bob Burns Lets Farmers in on a Few Secrets

"Everybody's complainin' about high prices and blamin' the farmer," Bob Burns told his NBC listeners recently, "but the farmer ain't to blame.

"He's got to know the biological names of his crops, the entomological names of the insects trying to eat 'em, and the pharmaceutical names of the stuff to spray on the bugs—and someone's got to pay him for that," Burns said.

"Another thing," Bob continued, "there's a shortage of beef that's caused by too many people tradin' with the black market. I know what causes the pork shortage, too, because I happen to be a hog man. There's just too few hogs on one side of the counter, and too many on the other.

"But I want you to know the OPA is on its toes," he concluded. "Why, the other day my little daughter Barbara started to recite 'Mary had a little lamb' at school and that's as far as she got. They had her down at the OPA office all day grillin' her, askin' where she got the lamb, how much of it was left, and where was it now."

BUY WAR BONDS

Protein for Fattening Swine

Comparison of rations using various kinds of protein showed, for the second year, that a satisfactory protein supplement for hogs can be made from soybean and cottonseed meals. The mixture was better than soybean meal alone, but soybean meal alone was satisfactory. Best results were secured with a mixture of 19 parts meat scrapes, 28 parts soybean meal, 28 parts cottonseed meal, and 28 parts alfalfa meal.——Mimeo. Cir. No. M-138, Oklahoma A. & M. College.
MUCH has been written about the value of using purebred sires. It is still an important part of a livestock improvement program. Some purebred sires are good, some are average and some are poor. It should be remembered that some grades are superior to some purebreds and the fact that an animal is a purebred is no guarantee that this particular individual will be a good producer.

However, the chances are that of two sires, one a purebred, the other a grade, the former will be superior if as individuals they are equal in conformation and quality. The purebred has been selected from a long line of ancestors chosen for certain important characters like rapid growth, good legs and feet, strong constitution, large hams and superior quality. These characters are concentrated in the good purebred, and the chances are greater, therefore, that such desirable characters will be more surely transmitted to the offspring than if a grade animal is used. Certain families in hogs are known for their large litters, well-developed udders, rapid growth and excellent quality. A sire from such a family normally should be expected to produce offspring having similar attributes. Not all good-looking sires are good producers and not all poor-looking individuals sire poor offspring. We have all seen rather ordinary-looking dairy bulls sire heifers with unusually high milk production even though the cows he was mated with were only fair producers. That bull received from his father and mother the factors for high production which were transmitted to his offspring.

Recently a well-known hog breeder in Tulare county mated a group of gilt sires to a boar having the factors for rapid growth and other desirable characteristics well concentrated in his germ plasm. From this group of gilt sires more than nine pigs per litter were weaned. This is cited because this breeder kept excellent records of the production of his sow, and the boar and his ancestry were known for over 20 years. This is an example of what may be done with purebred hogs of known ancestry. It isn't the mere fact that an animal is a purebred sire that makes him good, but rather the fact that in this individual the genetic characters are united in proper combination for the specific purpose for which he is used.

A great pig assists a great boar. Those who have seen PROPHECY are inclined to rate him the best used at Monache this season. We would not have a group of gilt sires bred to Prophecy. Spring pigs of both sexes now available.

ROLLA L. BISHOP
Box 213, Porterville, Calif.

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Subscribe today for Western Livestock Journal "WEEKLY" NEWSPAPER
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NUGGETS, and out of the pedigree show. Grand Champion of Iowa in 1944. Senior sire in active service at five years. Grand Champion at Sacramento.

PROPHECY
New junior sire by Black Bomber, grand champion of Iowa in 1944 and of Illinois in 1944. Arrived in time to perform service for fall litters.
The POLAND DISPERSION of 100 BRED SOWS and GILTS at MILL-FARMS, AUGUST 11th, is the OPPORTUNITY of this Era BECAUSE it makes available for other foundations an unusual number of brood sows of demonstrated producing worth and gilts of unquestioned value out of a proven breeding program, daughters of great sires and equally great dams, for there is no place in this herd for any individual that does not measure up to high standards in every respect. All this and more, for one of the most attractive periods in pork production may not be far ahead.

SIRES IDENTIFIED WITH THE OFFERING:

NUGGET BOY by Golden Glory and out of Lady Nugget, Eastern sow, Grand champion, Bakersfield, 1944. Senior sire. Bred by Bishop & Glaves, Porterville, Calif.

CALIFORNIA RICE KING by Chief of Staff. Ike Conrad paid $805 for litter mate. Bishop's Constellation out of same litter. Bred by Clark Huber, Irvington, Nebr.

THE STORM by Roarin' Thunder, gets blood of the impressive North Star through his sire and Sugar Foot, a top Cornbelt sire, through his dam. Bred by James Armstrong, Murdock, Nebr.

MORATION by Modernistic, a Production boar out of Margo, daughter of Golden Mixer, Iowa grand champion. Bred by Paul Gruber, Farragut, Ia.

PERFECT MODEL by Perfect Blend and out of Lady Showman, dam of A's Defense, sire of Chief of Staff. Bred by Emmert Bros., Mason City, Ia. Youngest boar in use. Will be one of the sale features.

California Rice King, The Storm and Moderation, plus Royal Glory in the Crinklaw herd, sired the gilts from junior yearlings down. Older sows are chiefly granddaughters of Golden Gift. Nugget Boy and Perfect Model used heaviest as service sires. As of May 25 a total of 91 sows and gilts had been bred.

GEORGE BELL, Auctioneer

The health of the herd is perfect, breeding conditions the best. Buy with confidence. No apologies need be made for a single entry. This space gives the background through herd sires. Watch for similar data on sows and gilts next month. Write for catalog to:

MILL-FARMS

A. BUCKLAND, Swine Supt.

South Dos Palos, California
"Sure, I am sold on Berkshire sires!"

So says Mr. George Walker, owner, River Meadows Ranch, Pala, Calif., who writes:

"For the last 10 years we have had in our commercial hog herd in San Diego county, only purebred Berkshire boars. The results have been most satisfactory since we started using Berkshire sires. They produced pigs that are fast growers and the large litters farrowed have been very gratifying. We had as high as 29 pigs farrowed to a litter last year. The last 5 spring litters farrowed 76 pigs, of which 54 survived.

"Needless to say, we are more pleased than we changed to Berkshire sires."

For Berkshires . . . Contact one or more of the following members of California Berkshire Association:

Louie Absherbill
Chino, California
Glenn Barraas
Covelo, California
Bob Burns
20252 Sherman Way
Canoga Park, California
Arthur Cook
Rt. 3, Box 187
Santa Anna, California
Tom Maley
Box 301, Lindsay, Calif.
Abe Marron & Sons
Box 124, Carlsbad, California
Merle Goode
Mackdoel, California
Virgil Greaves
Paracodon, California
F. L. Hall
Rt. 1, Box 121C
Riverside, California

L. O. Hawkels
815 Edison Bldg
Los Angeles 13, Calif.

G. W. Lacke
Rockhill Ranch
Vallejo, California

T. E. Leaver
Pala Key Ranch
Bonsall, California

C. C. Lehmann, Jr.
415 Monteroy Road
San Jose, California

G. E. Livingston
Chino & Palermo
Chino, California

R. J. Dodder
Chino Ave. & Norton
Chino, California

Verne Fairchild
Rt. 1, Box 511
Garden Grove, California

S. C. Orey
Rt. 1, Box 226
Garden Grove, California

Louis G. Sexton
Rt. 1, Box 56
Buttermilk, California

Herald Shumate
Rt. 2, Box 174
Camarillo, California

A. H. Simons
P. O. Box 4288
Pomona, California

Smith & Rayburn
P. O. Box 22
Palmi, California

R. F. Standefer
Riverside, California

E. B. Sutton
Box 152 Carlsbad, Calif.

Paul W. Tyler
Rt. 3, Box 223A
Tulare, California

Alex M. Wilson
Box 353
Pomona, California

Pacific Regional Berkshire Show & Sale—Los Angeles, Aug. 25

CALIFORNIA BERKSHIRE ASSOCIATION

T. E. LEAVEY, Sec., 4680 Wilshire Blvd., Los Angeles 54, Calif.

Wrenden's Registered Polands
Now offering a few choice fall barrows and gilts by Mix Master.

WREDEN BROS.
CARRIS PLAINS
Box 78, Star Rd., Santa Margarita, Calif.

REGISTRED
POLAND-CHINAS
Choice Cornbelt blood.

ARROYO PERDIDO RANCH
MR. & MRS. L. H. KIRKPATRICK
LOS OLIVOS, CALIF.

The BEST Hampshires

ever offered in California will be found in the auction sponsored by the California Hampshire Swine Association at Tulare, Calif., August 25, 1945, type conference in connection.

Watch for further announcements and communicate with:

J. G. MCMILLAN, Chairman Sale Committee, TULARE, CALIF.

Crinklaw's Contribution to Western Swine Breeding

One hears only admiration for the thing which Win. D. Crinklaw has done for the betterment of the swine cause in California, as a result of his extended buying trip through California. All who have seen his selections in Polands and Hampshires agree that he has taken a big step into the swine limelight.

Were he motivated by normal activities in pork production his action would not be so conspicuous and noteworthy. This young breeder, an ex-FFA, bases his expansion program on confidence in the future of the industry at large and the signs of the times. Many frugal stockmen are taking to the idea that now is the time and place here on the West Coast is the place, in a great center of consumer demand, to get into the business of pork production. These same men see a better day ahead, not only as the result of drastic shortages in pork and fat, but fancy the administration under President Truman is inclined more to liberalize production through easing the producer situation. After all, when this better day dawns, as they feel it surely will and must, the only man who stands to benefit is the one who has good breeding stock or fat hogs to sell.

Much has been said in these columns and elsewhere about the Crinklaw program relates to the approaching summer and fall auctions of purebred swine and in supplying the demand for top quality breeding hogs at private treaty.

Most encouraging farrowing reports have come from the Crinklaw herd relating to the purchases made in the California Hampshire sale at Tulare in February. Three gilts purchased at an average in excess of $500, are raising 11 pigs each, and the Corbett sow, purchased at $525, delivered an unusual litter of 14.

BUY WAR BONDS

New Hampshire Sire for White Oak Herd

George Hensley of Sanger, Calif., reports the arrival of a new pig, a son of Road to Glory and Mary Joe, a 3-Sire Register of Merit sow, rated among the top matrons in the herd of Parks & Farwell in Illinois. A litter mate sold for $1,160 in their sale last fall.

BUY WAR BONDS

Swine Improvement

Results of crossing inbred lines of Durocs developed and maintained at this station give definite indications that crossing these lines produces just as good results as crossing two breeds. Work here and at other stations cooperating with the federal Regional Swine Breeding Laboratory indicates thus far that this will be feasible to produce good market hogs by crossing good inbred lines that now are reaching the line-cross gilts to mate with boars from a third inbred line. This scheme of breeding is much more rapid than the inbreeding usually practiced by breeders, but requires more rigid culling and of necessity involves more failures. Mimeo, Cir-M-137, Oklahoma A. & M. College.

WESTERN LIVESTOCK JOURNAL

CALIFORNIA BERKSHIRE ASSOCIATION

T. E. LEAVEY, Sec., 4680 Wilshire Blvd., Los Angeles 54, Calif.
TRIBUTE

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long-farrowing reports

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A. & M. College.

32-page

Book

of this authoritative

Salt

Free Choice means hav-

ing salt before your animals

all the time, so that they can

as much or as little as

they want.

FREE Valuable Book on Feeding Salt

It will pay you to have a copy of

this authoritative 32-page book,

the most complete ever published

on feeding salt to all livestock.

Explains the importance of salt

in the animal diet . . . how best
to feed salt . . . gives plans for

making salt boxes for FREE

CHOICE feeding. Mail your re-

quest to Morton Salt Company,

310 S. Michigan Ave., Chicago 4,

SALT

Free Choice SAVES PROTEIN

Here's Why

High Feed Costs for Hogs

May Be Due to Insufficient

Salt

On a dry matter basis, a grow-

ing pig is roughly 43 per cent

protein. How efficiently hogs

convert the expensive protein

feeds into growth depends larg-

ely upon salt.

In their natural state, hogs were

largely meat-eating animals. They

got the salt they needed from meat.

Today, however, hogs are fed more

vegetable proteins which lack sufficient

salt. Hogs need extra salt, Free Choice*.

Salt Saves Feed

This was demonstrated at the Iowa

State Experiment Station at Ames. Two

identical groups of hogs were fed the

same ration of corn and vegetable pro-

tein supplement. The only difference

was salt. One group got it, Free Choice*.

The other received no salt.

That Free Choice® salt saved 23 per

cent of the entire feed ration. And the

hogs were ready for market 60 days

earlier.

Salt Helps Digest Protein

Salt is so important because of the in-

imate relationship that exists be-

 tween it and the digestion of protein.

On a dry matter basis, roughly 43 per

cent of the weight of a growing pig is

protein. All meat is rich in protein. So

is milk. Wool, hair, feathers are prac-

tically pure protein. How efficiently

your animals convert the expensive

protein you feed into growth depends

largely upon salt. Salt supplies the

chloride for the hydrochloric acid

without which proteins are not fully

digested but wasted.

Salt also supplies the sodium needed in

bile for the digestion of fats. It is im-

portant to blood, to nerves, to muscles.

Practically every vital function in some

way requires salt.

Feed Salt Free Choice®

Many farmers do not feed salt to hogs

— only a few of them feed enough.

Salt should be fed Free Choice® so that

the animals can take what they want.

Because the need for salt is a continu-

ous one, salt should be available that

ever hogs and other livestock gather.

For lower feeding costs, greater profits,

and earlier, more timely marketing, es-

tablish salt stations around the farm

and feed Morton's Salt, Free Choice*.

California Hampshire

Directory of Breeders

The 1945 edition of the California

Hampshire Swine Association directory

is now available. This interesting book-

let, containing a state map of Hamp-

shire herds and much helpful informa-

tion about the breed in California can

be had gratis from A. C. Edgerly at

Route 2, Box 385, Dinuba, Calif.

BUY WAR BONDS

Castrate Pigs at 4 to 5 Weeks

Because of their rapid recovery from

the operation, the best time to castrate

pigs is when they are four to five weeks

old.

Before the incision is made, pigs

should be dry and clean and the place

of incision coated with tincture of iodine.

Best method of operating is to cut

through the skin in front of testicles,

then through them by opening and

draw each one out with the cord. This

method usually prevents growth of large

brunches and affords free drainage.

June 15, 1945
Distant Buyers of Monache Polands

Rolla Bishop of Porterville, Calif., reports the third shipment from the Monache Poland herd to be made to Billie Dillet of Twin Bridges, Mont. This young breeder has a herd built entirely on Monache blood and is now getting his second boar, a son of Onward, now doing service in the Edgar & Williams herd, Cave Junction, Ore., and out of a Golden Glory-Forest Queen dam. Mr. Dillet is also a breeder of Hereford cattle.

From far off McKenzie, N. D., has come an order for a 12-weeks boar pig to be filled out of a litter of 10 by On To Glory. The buyers are Klein Bros., whose herd is one of several in that immediate section of North Dakota. Such a transaction means another opening for California blood.

Other recent buyers included: O. S. Adams, Lockeford, fall boar by Onward. Mr. Adams, an old customer, bought Monache gilts in the state sale at Stockton.

Elmer Fish, Project City, Calif., fall boar by Constellation to be used by the Future Farmer Chapter at Redding.

James Stegall, Colusa, Calif., two fall boars by Constellation and Golden Glory.

Virgil Chiado, Little River, Calif., Mendocino County, boar pig by Constellation. This is an old family of Poland breeders.

Eleven head, 10 gilts and a boar, are awaiting shipping space to Canal Zone, purchased by Jonathan Brassfield of South America, sold to Coto Brothers.

BUY WAR BONDS

Farrowing of 69,000 Sows
Is California's Pig Goal

California farmers who can increase their fall farrowings are asked to cooperate with War Food Administration in meeting the state's goal of 69,000 head of swine to farrow between June 1 and December 1, 1945. This goal was recently adopted by the State AAA Committee upon recommendation from Washington.

The national goal is 900,000 more sows to farrow this year than last, to obtain a total fall pig production goal of 37 million head. The increase is needed to fill heavy demands for more meat and edible fats. Farmers who have the sows and the feed supplies are the ones who must carry the load in meeting this war need.

BUY WAR BONDS

Dipping Hogs Helps Growth

Dipping of hogs is recommended by Dr. K. W. Stouder, extension veterinarian at Iowa State College, to eradicate lice and mange. Control of parasites results in faster growth and thrifter gains. Bedding and hog houses must also be cleaned if the control program is to be effective. "Nits" or eggs of lice are deposited on the bristles, particularly back of the ears, on the flanks and other places where they will not be rubbed off easily. Mange, more harmful than lice, is caused by a very small mite which burrows into the skin.

The Porterville Herd of Poland Chinas

Sold down to pigs. Never had a finer crop of growthy spring pigs or greater uniformity in litters. You can make your selection from litters up to 16.

A. D. GLAVES & SON
Porterville • Phone 36-W-1 • California
POLAND-CHINA AND HAMPSHIRE HERDS HEADED BY $1,000 BOARS FROM THE CORNBELT

PERFECT MODEL
Poland-China

ROYAL ROGER
Hampshire

Out of a litter of nine, all belts, which sold privately at around $3,000 last year. Son of Prairie Owen Rogers, making him half-brother to Chicago champion barrow.

"Wm. D. Crinklaw has taken to California none less than one of the greatest boars the Hampshire breed has yet produced. Royal Roger was selected from his breeder, Wm. Allen Wright, Paris, Ill., for the tidy sum of $1,000. He is the top boar from an outstanding litter of nine belts by Prairie Owen Rogers, sire of the 1944 International grand champion barrow over all breeds. His dam, Night Hawk Lady, is probably the greatest daughter of Night Hawk, featured Golden Bull Farm herd sire, from the standpoint of both individuality and producing ability. Few boars have so much to recommend them and insure their future greatness. His weight of 385 lbs. at eight months is undeniable proof of his growing ability; his conformation is almost faultless. . . . Other purchases from leading Cornbelt herds included 12 top open gilts and the masterstroke-selection, the Registry of Merit litter from O'Bryan Ranch, Hiattville, Kansas, sired by Silver Rocket and out of O'Flashy Madam. . . . These outstanding Hampshires form the nucleus of one of the finest herds ever established in the Western territory."

DICK HOLLSTEIN, Hampshire Herdsman

Note: The O'Bryan litter of 9 averaged 108.5 lbs. at 2 months and 3 weeks on the Crinklaw ranch.

CONSIGNING FROM OUR BEST TO CALIFORNIA SWINE SALES

TWO TOP FALL HAMP GILTS in pig to Royal Roger will be offered publicly, one in the All-Breed Sale on August 18, the other to the State Hampshire Sale on August 25, both events to be held at Tulare.

A TOP FALL POLAND GILT from the Cornbelt and bred to Perfect Model will be found in the All-Breed Sale, also an outstanding gilt of my own breeding in pig to the same sire.

ONE BOAR FROM THE O'BRYAN LITTER is being listed in each of the three California Sales (the All-Breed at Tulare on August 18, the State Hampshire at Tulare on August 25, and the Fall Hamp at Madera on October 20). The fourth is being retained to assist Royal Roger.

NOW AVAILABLE PRIVATELY, top selections from great litters farrowed here, including a limited number of fall gilts of both breeds bred to the $1,000 boars featured above.

As Good as the Best in Both Major Breeds

WM. D. (Bill) CRINKLAW • KING CITY • CALIFORNIA

(Sign on Highway 191, south of town)
CULL PEAS

Valuable Feed for
Pigs in Dry Lot

By T. J. CUNHA, E. J. WARWICK
and M. E. ENSMINGER

Department of Animal Husbandry
State College of Washington

A n experimental trial recently completed indicates that cull peas were as good as tankage and somewhat better than soybean oil meal as a protein supplement for growing-fattening pigs fed a wheat, barley, alfalfa, mineral ration in dry lot. Chester White pigs weighing approximately 50 lbs. at the beginning of the experiment were used. The pigs were fed for 125 days. At the end of this time the heaviest lot of pigs averaged slightly over 200 lbs. in weight.

The pigs were fed the following rations in the three lots:

Lot I—Barley, wheat, 5% alfalfa, minerals, and tankage
Lot II—Barley, wheat, 5% alfalfa, minerals, and cull peas
Lot III—Barley, wheat, 5% alfalfa, minerals, and soybean oil meal

The amount of protein fed in each lot was equalized so that, regardless of which protein supplement was fed, the pigs were getting the same amount of total protein. The following levels of protein were used:

Pigs weighing 50-75 lbs.—20% total protein in ration
Pigs weighing 75-125 lbs.—16% total protein in ration

The results show that the pigs fed cull peas gained as fast as the pigs fed tankage and a little faster than those fed soybean oil meal. The pounds of feed required per 100 lbs. gain were much lower for the pigs fed cull peas. Since cull peas were the cheapest protein supplement fed and since the pigs being fed cull peas required the least amount of feed, the cheapest gains were made by the pigs fed this protein supplement.

It should be emphasized that this is only a preliminary trial and that it must be repeated before very definite recommendations regarding the value of cull peas as a protein supplement for hogs in dry lot can be stated. However, this trial is an indication that good results in growing-fattening pigs on good pasture can be obtained by feeding cull peas as the only protein supplement for reproduction and lactation with cows.

The Breeding of Hampshires forms a most important part of Triangle Ranch operations—converting home-grown grains and alfalfa pasture into the highest quality market hogs and the most modern breeding stock possible to produce from a selected foundation of boars and sows. Ranch one mile north and a quarter mile west of Burrell. Stop in. We may have what you need. W. M. Wood in charge.

A. J. (Bud) SAMPLE, Owner
FELM, TULARE COUNTY, CALIFORNIA

TRIANGLE HAMPISHRES

TRIANGLE ROLLER
by Golden Roller
Conqueror, assisted
by * TRIANGLE GLORY by New
Glory, doing chief
service.

The Breeding of Hampshires forms a most important part of Triangle Ranch operations—converting home-grown grains and alfalfa pasture into the highest quality market hogs and the most modern breeding stock possible to produce from a selected foundation of boars and sows. Ranch one mile north and a quarter mile west of Burrell. Stop in. We may have what you need. W. M. Wood in charge.

A. J. (Bud) SAMPLE, Owner
FELM, TULARE COUNTY, CALIFORNIA

The results obtained with the three different protein supplements are summarized in the following table:

<table>
<thead>
<tr>
<th>Lot No.</th>
<th>Protein Supplement Fed</th>
<th>Average daily gain, lbs.</th>
<th>Feed Consumption per 100 lbs. gain, lbs.</th>
<th>Cost of feed per 100 lbs. gain, lbs.</th>
</tr>
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<tbody>
<tr>
<td>I</td>
<td>Tankage</td>
<td>1.30</td>
<td>450</td>
<td>$11.35</td>
</tr>
<tr>
<td>II</td>
<td>Cull peas</td>
<td>1.32</td>
<td>408</td>
<td>$8.77</td>
</tr>
<tr>
<td>III</td>
<td>Soybean oil meal</td>
<td>1.16</td>
<td>351</td>
<td>10.41</td>
</tr>
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</table>

Previous work here has indicated that cull peas are an excellent protein supplement for pigs on pasture. The results obtained showed that rations with cull peas as the only protein supplement produced essentially the same gains as and at a higher degree of finish as rations supplemented with a mixture of tankage, soybean oil meal and linseed meal. This shows that cull peas can be used in place of tankage with good results in balancing rations for growing-fattening pigs on good pasture.

Hampshire Breeders
Meeting at Fresno

A membership meeting of the California Hampshire Swine Association was held at Fresno on May 13. In addition to Pres. W. S. Newhall and Sec. George Hensley, the members present included Misses Stanley, Stanney, Bussett, Stone, Kosabahan, Sample, Russell, Schoenauer, Crinklaw, Bigger, Davis, Portlock and McMillan.

Most matters up for consideration had to do with approaching auctions. The date for the state sale at Tulare stands Aug. 25, but a decision was made to change the place of the proposed Oct. 20 sale from Los Angeles to Madera. The Tulare sale will be in charge of J. G. McMillan as the head of the sale committee, while Chas. Floto will fill a similar capacity with respect to the Madera sale. Rolly L. Bishop, head of the sales committee for the California Swine Breeders' Association August sale, attended to present a proposal to consolidate the All-Breed and the State Hampshire sales, but the Hampshire breeders declined, which means the offering of two lots of swine at Tulare within a week—the All-Breed on the 18th and the Hampshire sale on the 25th.

The Tulare sale will call for 55 entries, boars limited one to a consignment. Entries will close July 20. Out-of-state entries have been filled. A. C. Edwards, chairman of the Type Conference committee, was authorized to engage E. K. Hughes, L. W. Feldmiller and one known packer buyer to conduct the event, and McMillan's sale committee will use the same trio in sitting.

BUY WAR BONDS

Farmer's Share

Farmer's share of the food dollar was 53 cents in 1944 and a "record share" according to the USDA; at any rate it was a big increase over the 40 cents the farmer received during 1939-40 and 20 cents above the depression low of 32 cents in 1932. USDA said the farmer's record share of the food dollar was 39 cents in 1943 and the third high was 40 cents.
same gains and finish as rations when a mixture of tank and linseed meal can be used on good results in growing-fattening.

The value of wine will be greater in Livestock Feed-

Pullman, Wash., BONDS of the Call-Wine Association May 13. In addition, Newhall and Sec.

members present, Haynes, Basan, Sample, Rustin, Biggers, McMillan.

- consideration had for auctions. The sale at Tulare stands decision was made by the program.

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A. C. Edgren's.

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BONDS

Mr's Share

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the food dollar the third high was 1935-36.

Note: The August sale calendar in California includes the Mill-Farms Poland Dispersion, South Dos Palos, Aug. 11, A. Buckland, Manager; the All-Breed Sale at Tulare, Aug. 18, Rolla L. Bishop, Porterville, Manager; and the California Hampshire Sale at Tulare, Aug. 25, J. G. McMillan, Tulare, Manager.

Come to TULARE, CALIFORNIA

FRIDAY AND SATURDAY, AUGUST 17 AND 18
Y ES sir, American Fence is hog tight! And it's built close at the bottom for greater strength to discourage rooting. No matter how hard your animals push, U·S·S American Fence has the resilience to spring back into position. It stays tight, to new, American Fence is made from a special medium-hard fence wire that retains its "spring" year after year. The hinge joint enables the fence to absorb shocks without being bent out of shape.

American Fence is made for permanent installations. On many farms it has been in service more than 40 years. Keep in touch with your dealer. He may be able to supply you.

MORE PORK!
Stress Greater Care to Reduce Pig Losses

In support of the government's appeal for greater pork production, increased emphasis is being placed on saving more pigs per litter and observing the best management practices to attain that objective.

The first gains are made in giving the proper feed and treatment to the sow before farrowing. The degree of attention given the sow is reflected in the strength and health of the litter. Further gains accrue with proper care of the sow and pigs after farrowing.

The following suggestions on management practices were taken from the April issue of Poland China World.

Care of the Pregnant Sow

1. Reasonable and regular exercise daily.
2. Protection from injury to the unborn pigs and to sow's udder which may result from climbing over obstructions, going through narrow openings, or slipping. A sow should be handled quietly and gently at all times.
3. Sufficient feed of the right kind to grow a healthy, lively litter. This means ample proteins, minerals and vitamins. Vitamins are obtained from green alfalfa or clover hay, or more easily and surely, from a vitamin feeding oil.
4. Lack of iodine may cause weak pigs, and in extreme cases, may result in hairless pigs which are stillborn or die shortly after birth. Feeding iodine to the sow during pregnancy is the only way to prevent such losses in iodine deficiency areas.

The sow should be put in her farrowing pen a few days before farrowing. At this time:
1. The amount of feed should be reduced.
2. Bran or other feed of a laxative nature should be added to the feed mixture.

Sanitation

Cleanliness protects health.
1. Start with a clean pen.
2. Keep it clean.
3. If many pigs have been wormy or diseased in the past, the pen, after thorough cleaning, should be scalded with boiling water to which a 0.2% tar disinfectant is added to destroy worm eggs and disease germs.

Preventing Injury to Young Pigs

Crushing is the cause of many unavoidable losses. The farrowing pen should be:
1. Free from holes or cracks in which a pig can get caught.
2. Equipped with strong guard rails.
3. Bedded sparingly with chaff or short straw or shavings.
4. The sow should be disturbed as little as possible during and after farrowing.

Keep Pigs Warm

Newborn pigs chill easily. A little heat helps to dry them and keeps them close to the sow while she is teatless and restless.

Special care should be taken in the spring when unexpected drops in temperature are usual.

Feeding and Care of the Nursing Sow

The growth of little pigs after farrowing...
Feed Hogs the All-Steel -SIOUX- Way

ADD WEIGHT FASTER... WITH LESS FEED

Just fill your -SIOUX- Feeder and let your hogs feed themselves leisurely... without crowding, fighting, or wasting energy. That's the way to build pork double-fast with less feed. Continuous feeding makes every ounce of feed count. No feed wasted, or contaminated. Hogs actually eat less, but what they do eat builds more weight and builds it faster. Moisture can't reach it. And rodents are shut out!

Sturdy Steel Construction Throughout

-SIOUX- All-Steel Feeder is built entirely of galvanized steel. Stronger and lighter than wood and easier to keep clean. Easily moved from place to place, an advantage hog raisers appreciate.

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WEETH

HUMMEL -- COALINGA -- CALIFORNIA

These Hampshires are typical of the sows we have in our foundation. Visitors welcome. You may find your next herd sire here. All hogs grain-fed. S. S. Kirk, Herdsman.

WALDO WEETH -- COALINGA -- CALIFORNIA
Horse of the Month

SANTA ANITA.
BEVERLY HILLS HANDICAP.

T he National Horse Show, Los Angeles, last week, proved to be an ideal setting for the display of the finest horses. The after-afternoon events included the show of stallions, mares, and geldings, which were judged by some of the best-known breeders in the country. The entries were judged according to the American Stud Book and the results were announced at the conclusion of the competition.

The show was well organized and the management of the National Horse Show held another exciting event that we hope will be repeated. A horse show and a ribbon show were held simultaneously, and the management of the show was able to maintain a high level of interest throughout the day.

The Roads to the Show were also an important part of the event, as the horses were driven from their stables by their owners and trainers, who had the opportunity to show their horses in a variety of different settings, including the main ring, the small ring, and the paddock area. The Roads to the Show were open to the public and everyone was encouraged to visit and enjoy the event.

A morning ride on the ranch is a popular activity, and it is estimated that over 100 people participated. The event was well attended, with a large crowd watching the show. Everyone seemed to be enjoying themselves, and the atmosphere was one of excitement and enjoyment.

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BUKLING BOY—Thoroughbred owned by Mr. and Mrs. C. E. Mounts, Northridge, Calif.
The National Horse Show held in Los Angeles this month was certain proof of the interest in all breeds of horses. The afternoon classes for stallions, mares, and colts of all breeds, shown in hand, were all well filled, and with horses of as high a standard as could be found anywhere. I doubt if anywhere else a finer lot of Morgans, Arabians, and Palominos could be brought into a show ring.

The show as a whole was very successful, and it is the intention of the management of the Horse Palace to hold another early in July. One thing that we hope will not happen again occurred in a breeding class of aged stallions. A horse was shown, and given a ribbon, that was not a registered horse. The management should have demanded papers on all horses in breeding classes and an exhibitor should not attempt to show a horse in a breeding class without having his registration papers with him.

The Roads to Romance Show at the Diamond Bar Ranch at Spadra, Calif., last month probably brought together the largest number of horses seen anywhere in a long time. It was a unique night, being a two-day show, with many horses and people coming from as far afield as 600 miles. The grounds were covered with trucks, horses, house trailers, tents and bedrolls. As stable facilities were unlimited, the horses spent the night tied to the trailers while the owners and their families camped beside them. Everyone seemed to have a good time and enjoyed judging this class, and all agreed that next year will see an even larger gathering.

A morning ride over the rolling hills of the ranch is a feature of this show and it is one that 1,500 riders anticipated. The interest in horses and horse shows all over the country has reached a new high. Most week-ends in their own territory here will see at least two shows within 50 miles of each other, both drawing large crowds and a full quota of horses. From reports coming in, this interest is being shown all over the country and buyers are returning from sales held in the Midwest, where around 200 horses went through the ring, averaged around $300, and top horses sold well up in the four figures.

Over the week-end of June 3, there was a two-day show at Bellflower, which attracted a large crowd both days and riders came from all over Los Angeles and Orange Counties.

The PHBA held its all-Palomino Show at the Horse Palace, Saturday and Sunday, for horses registered in the PHBA. There were about 100 Palominos of all ages shown; all classes were well filled and there were many fine horses in the ring, also a great display of silver.

It was the first show by this branch of the Palomino Exhibitors Association, and a few unfortunate incidents occurred. In a driving class in which only two horses entered, Desert Son, owned by Paul Herrington of Moorpark, gave a very fine exhibition and really had no competition as a harness horse. When the horses were lined up, Allen Ross announced they would judge only for color and conformation and the ribbon was given to El Benlen, owned by Glen Perkins of El Cajon, Calif. This brought such a howl from the stands that after the horse left the ring the decision was changed and the ribbon given to Desert Son, as the management claimed there was a mistake in printing the rules of judging this class—too bad this should have happened.

In these shows, which are held for horses of a particular breed, it would be well for the breeders to school their horses to show in various types of work: just breeding classes on line will not attract the general public. It is the gaited, harness and jumping classes that make most shows attractive and fill the stands with paid attendance.

Horse of the Month

With the resumption of racing on California tracks we are pleased to present Bubbling Boy as Horse of the Month. He was considered one of the best California-breds during the past year as he consistently placed in the winner's circle on California tracks. He is owned by Mr. and Mrs. W. F. Young, Inc., Rancho Cucamonga, Calif.

Grandson of the Kentucky Derby winner, Bubbling Over, his track record of 17 firsts, 22 seconds, and 21 thirds reasonably bears out his rich heritage. In a seven-furlong race at Hollywood Park for the San Fernando, he equaled the track record of 1:23-3/5.

Now honorably retired from the track, he is one of the breeders hoping to make Bubbling Boy the 1948 leading sire. As his grandsire added to his racing laurels by gaining national fame as a stud, the same bright future is predicted for this splendid California Thoroughbred. Appearance of his first colts on the tracks in 1948 is anxiously awaited.

Bubbling Boy is 16 hands high, weighs about 1,250 lbs., has large bone and lots of driving power in his rear quarters. He was foaled in 1936.

Bubbling Palomino has, in addition, some well-known brood mares which include Bubbling Palomino, Paula's Jewel, Plaidier Miss, Sceptre, and Loona Man June.

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Actual worth $22.50—a marvelous value at $15.95 postpaid

Or get now for immediate delivery. As with all Miller's merchandises, full cash refund will be made if not completely satisfactory. Send for new circular on English and Western saddles, bridles and harness.

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See our ad, page 75
Palominos

Join a National Association.
When breeding or buying Palominos, demand a black skin, PHBA registered horse.

Palomino Exhibitors Assn.
OF CALIFORNIA, INC.
Jordan E. Dunaway, Secy.-Treas.
300 EAST BROADWAY. PHONE 48
HAWTHORNE, CALIFORNIA

HORSE SHOW

Lewiston Event Attracts 3,000 Equine Enthusiasts

First annual horse show sponsored by the Snake River Wranglers was held at Roundup Park, Lewiston, Ida., May 28, and a crowd estimated at 3,000 persons saw approximately 125 horses competing for honors in a diversified and entertaining program of 16 classes.

The show opened with a colorful parade led by Claus J. Breier, Jr., mounted on his pure white mare, Evelyn, carrying the American flag and accompanied by a color guard consisting of Mrs. Zelma Dunlap on her registered stallion, Eagle, and Claude Hinkle, arena master, on Patches, registered pinto.

This management committee, consisting of Lester Mylan, Perry Smiley and Claude Hinkley, all of Lewiston, worked hard to make the initial show a success and received splendid support from the Snake River Wranglers and the horse owners.

The enthusiastic interest in the show gives us encouragement to start planning immediately for the 1946 event,” said Mr. Mylan at the conclusion of the show.

First-place winners in the various classes were as follows:

Western pleasure class: Nate!, owned and not registered, Shetland pony class.

No More School, No More Books . . . . By Amber Dunkley

1. 

2. 

3. 

4.
Sired by El Rey O by Sykes by Peter McCue and out of an RO Mare.

His colts have sold for an average of $1250.00. His measurements are those of the ideal Quarter Horse.

COUNTRY BOY 1478

7 years old—14.3 hands—1200 lbs. Fee, $50.00

W. D. BORG, Owner
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He is a finished Roping horse, has shown 3 times at Madison Square Garden and has raced with many top horses and never been out of the money.

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LITTLE JOE WAGGONER
Reg. AQHA and PHBA
ANNUAL
SADDLE HORSE
SALE
Baker, Ore.
July 2, 1945
Auction of Pleasure and Cow Horses conducted and supervised by leading stockmen of this territory. Sale sponsored by Oregon Trail Days Association, Baker County Chamber of Commerce and Oregon Trail Riders. All horses must be well broke and will be examined by veterinary and competent judges before offered for sale.

All horses to be paraded and exhibited July 1st and 2d.

ED MASON, Chairman, Baker, Oregon

Fiddler Joe
A.Q.H.A. 2046
5-year-old
SIRE: Red Joe by Joe Reed, Red Joe goes back to Texas Chief by Traveler on his dam's side.
DAM: Dolly by Del Mar No. 1. Dolly's dam, Baby Girl, goes back to Posa by Traveler on both sides, her sire and dam, giving Fiddler Joe three crosses of Traveler.

Fee $50 to approved mares by appointment
Raymond McCarrel
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Phone Redondo 7433
Redondo Beach, Calif.


Demand PHBA Registration
A PHBA Registration Certificate is your best assurance of a QUALITY Palomino! And a Quality Palomino is always in greater demand. This association is endeavoring to establish the Golden Horse as a distinct breed by constantly increasing registration requirements; by accepting only those Palominos with dark eyes, dark skin, good color, good conformation and good breeding.

Send 20c for sample copy of "Palomino Horses" PALOMINO HORSE BREEDERS OF AMERICA, Inc.
P.O. Box 79
MINERAL WELLS, TEXAS
Contact the secretary of our California state affiliate association, Jordan E. Dunaway, 300 E. Broadway, Hawthorne

Shortage of Light Type, Gentle Riding Horses
There is a shortage right now of light type riding horses that are gentle, trained, and ready for use, according to a statement received by H. T. Strong of the agricultural extension service of Kern County, Calif., from Col. F. W. Koester, officer in charge of the Headquarters Western Remount area located in Pomona, Calif.

This demand for riding horses has been brought about by the return of racing, county and state fairs, rodeos, horse shows, endurance and trail rides, hunter trials, polo and re-opening of many national and state parks and recreation areas which require a large number of horses.

It was pointed out by Col. Koester that horses to meet the possible post-war requirements must be proven now; that is, either bred now or produced through making ready for use, those available young horses not as yet broken and trained. The demand is for animals of reasonably good conformation that are gentle but of good breeding. A registration certificate is a big help.

Tacoma H. In New Ownership

The recently retired Army horse, Tacoma H., has been claimed by Charles Traynor, of Redondo Beach, Calif., and now resides at his ranch at Redondo Beach.

Tacoma H., a 15-year-old horse, was purchased by the Army for $5,000 and was later given to the late Charles Traynor. He has won many top awards in national and state fairs, and is known throughout the country as one of the finest 15-year-old horses.

He is a son of The Harvester, a bridle horse, and has won many top awards in national and state fairs. His sire is a son of The Harvester, owned by Mr. Fagan, photo by Rosemary Tullant, Riveria, Calif.

Harvest, Breeze, owned by Jim Fagan, Reseda, Calif., took first in the Palomino Stock Horse class under two years old at the recent Los Angeles spring horse show. He is a son of The Harvester, also owned by Mr. Fagan. Photo by Rosemary Tullant, Riveria, Calif.

WESTERN LIVESTOCK JOURNAL

Sell 1.3, October 24, 1945

In Large Sizes

Buyers are invited to purchase at this sale high grades of horses, mules, and Burros at prices ranging from $90 to $1,000 for a team of four.

Ralph Cor placed in Ralph Cory before the week riding horse has been enjoyed for three years and has an army in France. During the war, his sold stud, Ralph the Laughter, was ridden under the name of a well known breeder's horse, Charles Traynor. Ralph Cory, of Redondo Beach, Calif., and now resides at his ranch at Redondo Beach.

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Sell 1,350 Saddle Horses

In Largest Catalogued Sale

Buyers from 26 states bought a total of 1,350 head of horses at an average of $800 for the top 10 at the A. H. Langman catalogued horse sale, recently held in Billings, Mont. The sale is said to have been the largest event of the kind ever held in the nation.

Palominos were in the greatest demand and it was a pair of the golden colored horses that commanded top prices for the three-day sale. Nugget, a seven-year-old Palomino stallion owned by Chester Hale, Dillon, Mont., sold for $975 on the high bid of Edward and May L. Sheridan, Eugene, Ore. The horse had placed first in the annual Montana Palomino exhibitors' show at Livingston last fall.

Pushing Nugget for the highest bids was another Palomino, a four-year-old stallion consigned by Emil Fogland, Bozeman, Mont. Cy Price, Lewiston, Idaho, obtained the horse on a bid of $960.

Also in the top selling bracket were Minard's Montana Chief, a chestnut stallion owned by Bud Lake, Kalspells, Mont. and sold at $630 to Guy Clatter back Rollins, Mont.; Sun Gold, a splendid Palomino owned by Leo Card, McLeod, Mont., sold at $410 to Edward and May L. Sheridan, Eugene, Ore.

The sale emphasized the strong demand for well-broke, gentle, saddle horses of good color. Average price received for the top 25 was $382, and for the top 150 animals, $218.

Attendance at the three-day sale exceeded 3,000 persons. Norman G. Warman of Billings was the auctioneer, assisted by "Tige" Thomas and Bill Hagen, Art Langman, president of the Billings Livestock Commission Co., who presented the sale, said he expects to make it an annual event.

Light Type, Saddle Horses

Light hands put up by the return of state fairs, rodeos and trail rides and re-opening of state parks and county roads require a large number of riding horses.

Ralph Corpe's Horse Placed in Training

Ralph Corpe of Arcadia, Calif., who before the war often seen doing trick riding and rodeos and horse shows, has been in the army more than two years and has seen service with the 1st army in France. During his absence his three-year-old stud, Ralph's Chief, colt out of Ana Lisa (Queen of Poverty), a chestnut mare, has been taken under the wing of H. R. Betts, well known breeder and exhibitor. The horse has been placed in training at the Charles H. Davis stables, Santa Monica, Calif., and will soon be seen at coast shows.

Tacoma Horsemen Active in New Organization

The recently organized Tacoma Unit of the Washington State Horsemen's Association, has held two informal horse shows and three picnic rides that drew as many as 60 riders at each event. Officers elected to head the organization are: President, Jack L. Francis; vice-president, G. R. Kellenberger; secretary, Mrs. Glenn M. Betts; treasurer, Mr. and Mrs. E. J. E. Smith.

256 acres of Chino Valley sandy loam soil located six miles east of Chino, six miles southeast of Ontario in the heart of the valley's dairying district. Also ideal for truck gardening; Irish potatoes to be harvested July 1st—estimated gross price received will be equal to or greater than the price asked for this land. On this ranch are 50 acres of one and one-half year old Sims peaches, 100 acres of walnuts, vegetable and alfalfa land. Water in abundance, lift not over 60 feet; wells have 14-inch and 16-inch casings—average depth 400 feet—cost for pumping during 1944 less than 50c per acre per month. Five houses and other buildings on the property. For further details see the following real estate brokers:

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American Morgan Horse Reg. 7893
De Jeneffe and Know blood lines
2428 CAMINO REAL, West of Baldwin Ave.
ARCADIA, CALIF.—Tel. Atwater 72240

Red Head “L.” first in class of stud colts foaled in 1944, at the Roads to Romance Association horse show recently held near Pomona, Calif. Owner, Bob Mitchell. Photo by Rosemary Tallant, Rivers, Calif.

JOANNA AND R. WARREN PHILLIPS
2146 E. Chevy Chase Drive  GLENDALE 6, CALIF.  Phone Citrus 2-0081

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Watering bridle, bit and reins, black... $1.00
Single rein bridles, used, black.... 2.45
Trace springs, for heavy loads, pair... .50
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e. M. Cass, black, used, pair... 5.00
Hobbles, black, used, pair... 5.00

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ANONYMOUS

ARAB STALLION
ROKHALAD
AHC 1237
STANDING TO APPROVED MARES
Rokhalad is 8 years old, dark chestnut, 15.2 hands.
He has style and manners which must be seen to be appreciated.

Dam: ROKHAL (Kehlian Aliaq)
Sire: HANAD (Seglawi Jedran)

He predominates in Seglawi Jedran bloodlines.

M. C. ARAB
Arabian Horse Register

ROUDDUP

Record Crowd at Horse Show; FFA Boys in Judging Contest

More than 16,000 horse fanciers attended the second annual roundup recently staged by the Roads to Romance Association at Bill Bartholomew’s Diamond Bar Ranch, near Pomona, Calif., in a two-day program that saw 750 horses in the grand entry parade and more than 1,800 horses on the grounds.

Preceding the horse show and rodeo, a stock judging contest was held, sponsored by the Fullerton and Anaheim chapters of the Future Farmers of America. Fifteen-year-old Stephen Changala, Tustin Union High School, competing in his first contest, took the purple ribbon for attaining the highest score in judging five classes of cattle and one class of brood mares.

The horse show and rodeo brought a host of well-known horsemen to southern California. Judges of classes and the rodeo were Dr. Verne A. Stephenville, Tex., Norf’lan Meloney, Pasadena, Calif., W. A. Hickey, and Del

SARAJIH
AHC 1409
Shown at the left-light chestnut stallion, grand son of the champion Skowronek.

Ra-Mar Arabian Ranch
Dr. & Mrs. R. W. Cosby
10165 Foothill Blvd.
(2 miles west of Sunland)
San Fernando, Calif.

SAHM
AHC 1524
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Sahm is a beautiful dark chestnut stallion, great grandson of the champion Skowronek.

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Trace springs, for heavy loads, pair... .50
New rope lariats, 25 feet, with snaps... 75
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Horse Show; Singing Contest

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Horse Show; Singing Contest

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BUBBLING BOY
1945 Book Full
Now Booking 1946
Contract Private

Bubbling Boy
Bay 1956

- Ever Bubbling
- Bubbling Over
- Nellie B
- Angora
- Golden School

*Bubbling Over, *Bubbling Over, *Bubbling Over
*North Star 3rd
*Beaming Beauty
*Sir Alfred
*Spanish Match
*Asagai
*Hortensia
*Pride
*Lady Rhoda

*Rancho Cla-Mar
17139 Roscoe Blvd.
Northridge, Calif.

Owned by MR. AND MRS. C. E. MOUNTS

CLABBER AQHA 507

RANCHO CLA-MAR
17139 Roscoe Blvd.
Northridge, Calif.

Owned by MR. AND MRS. C. E. MOUNTS


Class No. 7 Champion Quarter Mare—Open to winners of classes 1, 3, 5—Winner—Susie Que, owner, C. Lovin.

Class No. 8 Champion Quarter Stallion—Open to winners of classes 2, 4, 6—Winner—Tip Top, owner, W. P. Stokes.


Class No. 11 Morgan Stallion—In Hand—To be judged for characteristics of breed, conformation, suitability for sire and manners—1. Brown Knox; owner, Ivan Stanley; 2. Sundown Morgan; owner, Merle Little; 3. Randy Ponder; owner, Bill Elliott; 4. Red Chief; owner, L. M. Greene.

Class No. 12 Palomino Stallion—In Hand—To be judged for color, conformation, suitability for sire and manners—1. Silver King; owner, Harold Crowell; 2. Sonis Rey; owner, C. E. Hollins; 3. Caballero De Oro; owner, McKe; 4. Bravo; owner, R. H. McAllister.

In addition to the breeding classes, judging events were held for stock horses and cutting horses and three races were run. The rodeo featuring calf roping, bareback riding, bulldogging, saddle bronc riding, and wild cow milking, concluded the program.

Winners of second and third place ribbons in the FFA livestock judging contest were Gene Lance of Garden Grove high school and Bill Wattlenberger of San Bernardino high school respectively.

Ag instructors Herbert Stitt and Joe Wilmore of the Fullerton and Anaheim schools, respectively, handled show arrangements. F. M. Berry, chief livestock appraiser for the Bank of America and Harold Wilson, regional supervisor of agricultural education for the state department of education, served as judges and critics of the livestock classes.

Forty-three boys from 10 high schools participated in the judging program.

At Stud

FOR SALE

More and stud, weaner colts;
Mares open and bred, also with colts at side.

VESSELS RANCH
C. E. (Buck) Logan, Supt.
Mailing Address: 2650 Cherry Ave.
Long Beach, Calif.
Ranch on Schleisman Rd., 6 miles north, then 2 miles east of Corona.
Phone 8746-W2
CORONA, CALIF.

MOUSIE—2-Yr. Old

 sire
Bert AQHA 227
Dom. Texas Darts

CLABBER AQHA 507

MOUSIE—2-Yr. Old

 sire
Bert AQHA 227
Dom. Texas Darts

CLABBER AQHA 507

CLABBER AQHA 507
Palomino Horsemen Elect State, National Directors

Following a recent business meeting in Inglewood, Calif., the Palomino Exhibitors’ Association of California, Inc. elected state and national directors.

Named to serve as both state and national directors were the following: Dr. Leo Pruden, Santa Monica; Elna McKee, Lavindale; William Borg, Los Angeles; Paul B. Herrington, Moorpark; Glen O. Perkins, La Mesa; Jordan E. Dunaway, Hawthorne.

Also elected state directors were: Ned Munden, Burbank; F. J. Aubineau, San Jose; Earl McCleve, Encino; John Hinkle, Redlands; Margaret Williams, Likely; Evelyn L. Flath, Watsonville; Capt. Charles Clark, South Pacific; Leo Estudillo, Los Angeles and Jack Turner, Long Beach.

Filling out the list of national directors were: L. W. Craig, Los Angeles; Kent Weaver, Concord; Chester Upham, Pacific Palisades; Jack Tann, Oakland and Vernon Hunt, Redlands.

First official act of the new state directors was re-election of incumbent officers to serve for another year.

Next all PHBA registered Palomino shows will be held at the San Diego fairgrounds July 9-10, with entries restricted to PHBA registered horses, and colts subject to registration. PEAC will have charge of the Palomino division.

Glen O. Perkins, national and state director of PHBA and PEAC, is show manager.

BUY WAR BONDS

Seven Colts by Desert Son

A report from Paul Herrington, Moorpark, Calif., tells of the arrival of seven colts by Desert Son, six of them being golden Palominos and one a golden buckskin. Three are from his registered Saddle Bred mares and he also has a filly by The Parson from Queen Moreno, a full sister to Desert Son. This filly is a good Palomino color and is eligible for registration in the American Saddle Horse Breeders registry.

BUY WAR BONDS

The earliest recorded method of treating seed corn was by soaking it in sea water.

Banana Peavine, owned by Mr. and Mrs. E. E. Converse, Santa Paula, Calif., winner of first place ribbon in the aged Palomino stallion class at the recent Los Angeles spring horse show. He is a registered American Saddle Bred. Photo by Rosemary Tallant, Rivera, Calif.
For Sale...

TENNESSEE WALKING MARE

Room 15.2 lbs.—1050 lbs.
4 yrs. old—Allan strain.
Well broke, gentle, high schooled.
Also a saddle bred gelding, gentle, for ladies to ride.

L. F. EDWARDS
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BURBANK, CALIF.

PIDGE’S MEDICATED
VETERINARY OIL

Exceptionally Effective in Treating Colds, and Bronchial irritation Due to Colds.
For Relieving Pains and Promoting Rapid Healing of Sores, Burns, Cuts, Sprains, Swollen Tendons, Muscles, etc.

Believes Pain and Greatly Shortens the Usual Healing Time After Firing.

Aids Nature in Promoting Growth of Hair, May Be Bondaged, Used with Heat or Poulticed. If Your Dealer Does Not Have It In Stock Order Direct! GUARANTEED.

ELMER D. PIDGE
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“WRITE FOR PAMPHLET”

For Sale

PALOMINO STALLIONS

6 YEARS OLD

INCLUDING REGISTERED TENNESSEE WALKERS!

FEES: $25 to $75

FLASH LA MARR — TWHBA
411549, PHA 106, TWH branch.
Bred to two black mares and three sorrels in 1943, he produced five Golden colts, four with white mares and tails and one with black mane and tail.

DAN BEKINS
16600 VENTURA BOULEVARD
ENCINO, CALIF.

At Stud—

6 PALOMINO STALLIONS

INCLUIDNG REGISTERED TENNESSEE WALKERS!

FEES: $25 to $75

Flash La Marr — TWHBA
411549, PHA 106, TWH branch.
Bred to two black mares and three sorrels in 1943, he produced five Golden colts, four with white mares and tails and one with black mane and tail.

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SOUTHERN ARIZONA HORSE BREEDERS ASSN.

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WESTERN SADDLE HORSES

RACING QUARTER HORSES

Offering . . . for sale

PALOMINO BROOD MARES & COLTS

BONNIE: P.H.A. No. 2523—9 years old; sire an American saddlebred; dam a Palomino Quarter Horse mare; Palomino filly at side, 3 months old by Hayview; and safe in foal to Top Hat, P.H.A. No. 2536.

Laura’s Topsy Turvy: P.H.A. No. 2611—6 years old; sire Altes, A.H.G. No. 448; dam a Palomino Quarter Horse mare; golden sorrel at side, 2 months old by Hayview; and safe in foal to Golden Brave Chief, P.H.A. No. 2532.

DawnoLo: Registered Morgan mare, 6 years old, No. 06555, P.H.A. No. 235, by Knight-Tido, No. 0968, by Tiffany, No. 7617; she is a golden Palomino with white mane and tail, and in foal to Red Vermont; has a 2 months old chestnut filly, Belle of Vermont, registered No. 06513, by Red Vermont.

FRANK H. PLETCHER
2018 Stratford Ave.
South Pasadena, Calif.
SY. 9-4704

Arabian Horse Breeders
To Meet at Kellogg Ranch

The Arabian Horse Breeders’ Society of California will hold its next meeting at the Kellogg Ranch, Pomona, Calif., on June 30.

Members will be conducted on a tour of the ranch and stables and will hear a lecture on the Arabian horse. Dinner will be served at the ranch and the group will hold its regular meeting in the evening.

All Arabian horse owners are invited and should contact R. Warren Phillips, Glendale, Calif., for reservations.

BUY WAR BONDS

Silver King Repeats Win
At All-Palomino Show

Silver King, the two-year-old Palomino stallion that won first place at the recent Roads to Romance show for Harold Crowl, and was sold by him to Sherman Earnest, Santa Ana, Calif., who changed his name to Golden Boy, also took first in his class and the grand champion’s ribbon at the all-Palomino show held at the Horse Palace in Los Angeles, June 3. He is a half brother to the Santa Barbarian, first place winner at the all-Palomino show last year. Both these colts were sired by Beau Brummell, owned by Jack Davis, Arcadia, Calif.

BUY WAR BONDS

Palomino Show

The outstanding six-year-old gelding Burma, a grandson of Chief of Longview, has recently been purchased by Mr. and Mrs. Wayne W. Keyes of Tacoma, Wash., from Mrs. W. P. Roth, Mrs. Keyes owns China Clipper and Anaconda.

BUY WAR BONDS

Preparing Colts for Futurity

Many fine Saddlebred colts are being prepared for the Futurity. The association has not as yet set a date or place for the Futurity, but will do so in the near future.

BUY WAR BONDS

Vaccination
For Sleep

Best protection to date against paralytic polio, known usually here as locomotor ataxia or “sleepy foot,” which is a viral disease of young horses, has been given by the United States Army Quartermaster Corps to 17,000 Army and Navy horses during the recent years.

The vaccine has been given to horses by a two-dose schedule, and a special two-dose vaccine has been developed for horses of theRAND.
Vaccination As Control For Sleeping Sickness

Best protection against sleeping sickness, known also as equine encephalitis, is vaccination, according to a recent report to the U. S. Department of Agriculture by a University of Nevada committee on the vaccination of Nevada's Agriculture extension service. The committee states that the same sleeping sickness infesting man is prevalent in certain sections of the state, and that the disease follows a seasonal course, resembling closely with the prevalence of the mosquito. It commonly appears in May, reaches its peak in midsummer, and recedes soon after heavy frosts. This evidence has incriminated mosquitoes and other biting insects as the means by which the infection spreads from sick to healthy animals and experiments have shown that the virus can be carried in that manner. Surveys indicate that fully 12% of all horses, and near 20% of the cattle in certain areas of Nevada, has been sacrificed or isolated as being suspected cases of encephalitis. The infected area has been principally by a two-dose treatment, which gives a higher degree of immunity than the single-dose method formerly used.

Cases of equine sleeping sickness are generally numerous along water courses, near lakes, tidewater regions, and other places where insects abound. In other regions, the disease increases after heavy rains and during humid weather. It tends to be more common in young and weak animals, and certain areas of Nevada occur more often in horses than in cattle, and more among pastured animals than those kept stabled.

BUY WAR BONDS

Buys Arizona Stallion
Bob Johnson of South Gate, Calif., has just returned home from a trip through Arizona, where he purchased the Quarter Horse stallion, Big Shiner, a very typic horse, six years old, bright red, and exceptionally well schooled.

BUY WAR BONDS

Winds that change against the sun Are always sure to back to rounding down.

BALER WANTED

WANTED: Small pickup Case May Baler, new or used in good condition. Ranchers Cattle Co., Butei Falls, Oregon.

RANCHES WANTED

PRIVATE PARTY will pay up to $20,600 for good improved farming ranch between Los Angeles and Riverside. Box 129, Western Livestock Journal.

BONNIE BAY RANCH WANTED—Prefer 15 or more acres located between El Monte and Riverside. Box 125, Western Livestock Journal.

WE PAY cash for good central Calif. cattle. Low price for pack from 300 to 1,600 head. Will accept to pay $100 over livestock market price. Box 130, Western Livestock Journal.


BREEDERS OF ALL BREEDS wanted from 49 to 200 acres within 100 miles of Los Angeles, prefer older horses and dairy cattle with good improvements. Box 52, Western Livestock Journal.

PASTURE LAND or improved country between Los Angeles and San Diego, $100 to $800 deal. Box 95, Western Livestock Journal.

SOME CHOICE WESTERN CATTLE RANCHES

NEVADA

No. 1—Swell 1,200 cow capacity outfit in one of best sections of northern Nevada, fully stocked and equipped. Nothing better anywhere. Either immediately portable or holder lot. One of mid winter sections.

No. 2—Another large outfit—one of the top ranches of the West. Now running about 5,000 head fine Herefords. Great range, good feed, large meadows—will support 3,600 cows and their increase.

No. 3—Here's one of those great outfits being divided. This unit has approx. 60,000 acres deeded land, worlds of free water and a splendid range. Will support a full outfit and the chance to own a real ranch at a bargain price. Will carry 3,500 to 4,000 head.

No. 4—About 10,000 acres in Western Nevada near which Sierra has Sierra has been so popular a section for men of wealth who seek a fine estate amid natural conveniences plus a fine cattle ranch and a profitable investment. Will carry several thousand head of cattle, and has a big Taylor permit, has run 3,600 head right along. It's in the best hill, mountain, and relating lands and the cattle healthy and big. Over 8,000 acres deeded land, good feed, and good range. A great ranch to produce calves cheaply and, the price, oh, yes, imagine, $99,000.00—and not all cash either.

No. 5—Here's a honey in the hay, in fact it pays over 2,000 tons of the best hay in Elko County. Has a big Taylor permit, has run 2,400 head right along. It's in the best hill, mountain, and relating lands and the cattle healthy and big. Over 8,000 acres deeded land, good feed, and good range. A great ranch to produce calves cheaply and, the price, oh, yes, imagine, $99,000.00—and not all cash either.

No. 6—Another Western Nevada price outfit, mostly a feeding operation where the owner makes a big profit finishing beef. Has every modern mechanical labor-saving device for production and feeding of beef cattle. A fine old ranch home in a nice setting, wide porches, swimming pool, large corrals, covered scales fully mechanized. Considered the best feed lot ranch in the state. Owner will right to serious buyer as he is liquidating large parts of his estate and this one is one of those rare ranches.

CALIFORNIA

No. 1—5,000 acres deeded land plus lots of water, good range. Location upper Sacramento Valley. Likely if any area in California that is naturally located for either a purchased or commercial spread running from 350 to 500 head brood cows. Good improvements and fine environment. $76,000.00.

No. 2—In the heart of the Mother Lode country on west side of the Sierra range at elevation of 8,000 feet. A picture-book ranch in a movie setting, has Dutch Colonial red brick home and several other homes. Three goodalls, all-year creeks and myronds of springs give ample water. No better hunting or fishing in the West. Only five hours' drive from San Francisco. Will support 200-400 cows and increase. Has permanent pasture, good grain lands and fine natural grass pasture. A 10 acre house gives shelter in winter and shade in summer. What a spot for one of our choicest registered herds, where the cattle will grow that long, silky hair and acquire that certain something only mountains and good grass can give. Will sell for $152,000.00. Will take $125,000.00 to buy this one, and this is the price for a first-class cattle ranch in the Mother Lode country. Will figure it out. Have quite a setup on this one with photos. Will take upward of a quarter million dollars to swing it and worth much more.

No. 3—322,500.00, in the low Sierra foothills, on road to Yreka, Fine Peace Company, 2,000 acres deeded land, good water, fine oak trees, good improvements, some good tilth. Will run about 200 head cows but is an ideal small mountain early feed ranch but no winter feeding. Just a short job to good fishing and hunting. Needs only one inspection and the ranch is yours.

ARIZONA

No. 1—$75,000.00 buys one of the best "small" outfits in Arizona, including cattle, equipment, good improvements, range and water rights. Will carry 500 head cow calf. Has a domain of about 18,000 acres patented, state and Government leased lands. Dandy water conditions and is a prime winter and summer range. It lies up near the New Mexico border in beautiful high country. Remember what Dan Thornton did with his White Mountain ranch of 3,000 acres. What does the commercial herds produce the same beef quality and as much every year? Places like Texas, Kansas, etc., as from California, to get the real thing. Thoroughly modern and can handle this size outfit, including over 800 head cattle. There is a big cutter adjoining which can be had at a bargain, too, if one wants it a bit more breeding herd.

No. 2—$260,000.00 buys a 2,000 cow outfit, including about 2,500 good, healthy cows. Has over 100,000 acres patented, state and Govt. leased lands. Dandy improvements, and no better water in Arizona. In the market for any kind of a good western outfit. Offers $75,000.00 for a limited time. MONTANA

$160,000.00 buys one of Montana's old commercial cattle ranches located in the famous Big Hole country close to transportation. Owner ill in hospital and estate is going to liquidate its ranch holdings. This is the best one of 7,000 acres for land, including 1,500 acres best-quality grain land. Produces about 1,000 tons of the best hay in Montana. Produced about 900 head beef cattle. Has over 200,000 acres patented, state and Government leased lands. Dandy improvements, and no better water in Montana. In the market for any kind of a good western outfit. Offers $75,000.00 for a limited time. Note—Most of the above ranches have been personally inspected by the writer during the last twelve months. I have had a few weeks ago and have been out of circulation, but nevertheless many of my cattleman friends have sent in setups on their ranches for which I am grateful. These are among the best ones I have to offer. Have more in reserve, in fact some good ones in Wyoming and some "dude" outfits for good cow men are in the market for any kind of a good western cattle ranch, and the writer is ready to feel sure I can solve your problem.

FRED B. STONEROD, 1226 Smithwood Drive, Los Angeles 35, California. Phone CREStview 66898

Page 79
For details of these and other western ranches, call, write, or phone:

STROUT REALTY
453 So. Spring • Los Angeles 13, Calif.
MICHIGAN 9541
Same Management Since 1900
OFFICES COAST TO COAST
4224 sales since January 1, 1944
\textbf{HORSES FOR SALE}


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\textbf{CAL. STOCK RANCHES}

So. Calif. Meadow Cattle-Grein-Alpultia

Located near Redlands, 75 miles east of Los Angeles, 160 acres subdivided meadow, 50 acres alfalfa, 15 acres good grain or hay land.

Free water, year-round stream, many trees and large oaks. 2 good rock houses, 2 barns, granary, hog houses, etc. Ided. 175R4. Phone SOCO. Owner, Warner Mitchell, 500 Cows Meadow Farm, Box 465, Russell, Kansas.

\textbf{LIVESTOCK FOR SALE}

REGISTERED SHELPTLAND PONIES—mares, colts, geldings, dappled stallion with silver mane & tail (Larigo’s Flame). W. J. WILSON, 1114 S. Speed St., Santa Maria, Cali.

\textbf{FEW REGISTERED MORGANS. Best blood lines. All Palomino stallions. Foiul Acorn Farm, Box 465, Russell, Kansas.}

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\textbf{DOLLAR BILL BRINGS YOU HUNDREDS of profits of baseball cards, builds clean homes. Free literature. KANSAS CITY VACCINE CO., Dept. L, Kansas City 15, Mo.}

\textbf{VACCINE}

\textbf{ABORTION VACCINE—Government licensed strain 12-27 valve, builds clean homes. Free literature.}

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\textbf{PHENOPTHIAZINE—PUREST QUALITY—lowest prices. Also 15,000 lbs. 5 & 10 lb. boxes. 250Web.)

\textbf{BORDER COLLIES}

\textbf{THE WORLD'S FINEST breed of stock working dogs. The Ideal Ranch or Farm Dog. Offering imported by} \\
\textbf{ Imperial for $10,000, with Import papers.}

\textbf{DADDY—ALL-AROUND}

\textbf{WANTED: MAN experienced with} \\
\textbf{stock raising, and large hay and tobacco crop. Must be a permanent deal. Might buy interest in stock and rent place for years. Box 134, Western Livestock Journal.}

\textbf{WANT GENERAL RANCH WORK. Experienced} \\
\textbf{tractor and bulldozer man. Married, 33 years old,} \\
\textbf{married, 33 years old,} \\
\textbf{preferred because of housing. Address Box 868,} \\
\textbf{Santo Mendoci, Calif.}

\textbf{HOGS FOR SALE}

\textbf{FOR SALE. Registered Berkshire hogs,} \\
\textbf{Flying H Monarch, No. 572772, farmed Sept. 16, 1943,} \\
\textbf{400 head, all 2-yr. old. Prefer to sell as a herd of} \\
\textbf{animals, but can be sold by the} \\
\textbf{party.}
## INDEX TO ADVERTISERS

<table>
<thead>
<tr>
<th>A</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adkins, E. L.</td>
<td>51</td>
</tr>
<tr>
<td>Adobe Ranch</td>
<td>58</td>
</tr>
<tr>
<td>Agger &amp; Munson Seed Co.</td>
<td>52</td>
</tr>
<tr>
<td>Aldorah Farms</td>
<td>45</td>
</tr>
<tr>
<td>All Hollows Farm.</td>
<td>29</td>
</tr>
<tr>
<td>Allied Laboratories, Inc.</td>
<td>32</td>
</tr>
<tr>
<td>Alpine Ranch.</td>
<td>25</td>
</tr>
<tr>
<td>American Remount Assn.</td>
<td>70</td>
</tr>
<tr>
<td>American Saddler Horse Breeders Assn.</td>
<td>74</td>
</tr>
<tr>
<td>American Turpentine &amp; Tar Co.</td>
<td>42</td>
</tr>
<tr>
<td>Angustorra Ranch</td>
<td>25</td>
</tr>
<tr>
<td>Animal Lovers Assn.</td>
<td>70</td>
</tr>
<tr>
<td>Arabian Horse Club of America</td>
<td>75</td>
</tr>
<tr>
<td>Associated Laboratories</td>
<td>54</td>
</tr>
<tr>
<td>Automatic Equipment Mfg.</td>
<td>42</td>
</tr>
<tr>
<td>Bacon Grant</td>
<td>23</td>
</tr>
<tr>
<td>Baker County Chamber of Commerce</td>
<td>72</td>
</tr>
<tr>
<td>Baker Ranch</td>
<td>62</td>
</tr>
<tr>
<td>Baker, W. P.</td>
<td>45</td>
</tr>
<tr>
<td>Bank of America</td>
<td>44</td>
</tr>
<tr>
<td>Bannerman, Charles</td>
<td>74</td>
</tr>
<tr>
<td>Beall Pipe &amp; Tank Corp.</td>
<td>12</td>
</tr>
<tr>
<td>Bean, John Mfg. Co.</td>
<td>47</td>
</tr>
<tr>
<td>Bear Creek Ranch</td>
<td>54</td>
</tr>
<tr>
<td>Beery School of Horsemanship</td>
<td>77</td>
</tr>
<tr>
<td>Bekins, Dan</td>
<td>78</td>
</tr>
<tr>
<td>Bell, Robert</td>
<td>56</td>
</tr>
<tr>
<td>Bennett, J. W.</td>
<td>56</td>
</tr>
<tr>
<td>Berkeley Pump Corp.</td>
<td>52</td>
</tr>
<tr>
<td>Bicognini, Ed.</td>
<td>24</td>
</tr>
<tr>
<td>Biggs-Kart Ranch.</td>
<td>54</td>
</tr>
<tr>
<td>Bishop, Rolla.</td>
<td>58</td>
</tr>
<tr>
<td>B &amp; N Herefords</td>
<td>47</td>
</tr>
<tr>
<td>Borg, W. D.</td>
<td>71</td>
</tr>
<tr>
<td>Breeders Supply Co.</td>
<td>43, 50</td>
</tr>
<tr>
<td>California All Breed Sale</td>
<td>65</td>
</tr>
<tr>
<td>California Berkshire Breeders Assn.</td>
<td>60</td>
</tr>
<tr>
<td>California Hampshire Swine Breeders Assn.</td>
<td>60</td>
</tr>
<tr>
<td>Cameron, A. C.</td>
<td>75</td>
</tr>
<tr>
<td>Caterpillar Tractor Co.</td>
<td>11</td>
</tr>
<tr>
<td>Chamberlain, Teg.</td>
<td>49</td>
</tr>
<tr>
<td>Chandler, Freddie</td>
<td>49</td>
</tr>
<tr>
<td>Chino Drug Co.</td>
<td>62</td>
</tr>
<tr>
<td>Coffin, Earl</td>
<td>51</td>
</tr>
<tr>
<td>Conference of Alcoholic Beverages Ind. Inc.</td>
<td>39</td>
</tr>
<tr>
<td>Consolidated Chemical Industries, Inc.</td>
<td>84</td>
</tr>
<tr>
<td>Cory Farms</td>
<td>56</td>
</tr>
<tr>
<td>Cosby, R. W.</td>
<td>74</td>
</tr>
<tr>
<td>Crinklaw, W. D.</td>
<td>63</td>
</tr>
<tr>
<td>Curtis Hereford Ranch</td>
<td>52</td>
</tr>
<tr>
<td>Cutter Laboratories</td>
<td>9, 40, 41</td>
</tr>
<tr>
<td>D</td>
<td></td>
</tr>
<tr>
<td>Davenport, H. Clay</td>
<td>52</td>
</tr>
<tr>
<td>Davis, Jack</td>
<td>74</td>
</tr>
<tr>
<td>Draper, J. E.</td>
<td>75</td>
</tr>
<tr>
<td>Dudley-Parke River Ranch</td>
<td>62</td>
</tr>
<tr>
<td>Du Pont de Nemours &amp; Co., Inc.</td>
<td>10</td>
</tr>
<tr>
<td>E</td>
<td></td>
</tr>
<tr>
<td>Edwards, L. F.</td>
<td>78</td>
</tr>
<tr>
<td>Elko Co. Fair.</td>
<td>38</td>
</tr>
<tr>
<td>F</td>
<td></td>
</tr>
<tr>
<td>Firestone Tire &amp; Rubber Co.</td>
<td>16</td>
</tr>
<tr>
<td>Folsom &amp; Green</td>
<td>49</td>
</tr>
<tr>
<td>Ford Motor Co.</td>
<td>7</td>
</tr>
<tr>
<td>Franklin, O. M. Serum Co.</td>
<td>4</td>
</tr>
<tr>
<td>Fuller, W. P. &amp; Co.</td>
<td>8</td>
</tr>
<tr>
<td>G</td>
<td></td>
</tr>
<tr>
<td>Germain's</td>
<td>37</td>
</tr>
<tr>
<td>Griffin Leather Co.</td>
<td>43</td>
</tr>
<tr>
<td>Gloves, A. D. &amp; Sons</td>
<td>63</td>
</tr>
<tr>
<td>Glove Laboratories</td>
<td>44</td>
</tr>
<tr>
<td>Gutchire, J. G.</td>
<td>44</td>
</tr>
<tr>
<td>H</td>
<td></td>
</tr>
<tr>
<td>Haecker, Ed.</td>
<td>56</td>
</tr>
<tr>
<td>Harkin, A. B.</td>
<td>50</td>
</tr>
<tr>
<td>Harding, J. C., Jr.</td>
<td>73</td>
</tr>
<tr>
<td>Hayman, B. Co.</td>
<td>57</td>
</tr>
<tr>
<td>Hengley, Geo.</td>
<td>58</td>
</tr>
<tr>
<td>Hoak, O. R.</td>
<td>62</td>
</tr>
<tr>
<td>Horse and Mule Assn. of America</td>
<td>69</td>
</tr>
<tr>
<td>I</td>
<td></td>
</tr>
<tr>
<td>International Harvester Co.</td>
<td>13</td>
</tr>
<tr>
<td>James Mfg. Co.</td>
<td>83</td>
</tr>
<tr>
<td>Jansen Bros. Mfg. Co.</td>
<td>43</td>
</tr>
<tr>
<td>Joaquin Hereford Ranch</td>
<td>34</td>
</tr>
<tr>
<td>Jones, Robert R.</td>
<td>77</td>
</tr>
<tr>
<td>Joughin, Andrew</td>
<td>50</td>
</tr>
<tr>
<td>Justin, H. J. &amp; Sons</td>
<td>54</td>
</tr>
<tr>
<td>K</td>
<td></td>
</tr>
<tr>
<td>Kaufman Saddlery Co.</td>
<td>77</td>
</tr>
<tr>
<td>Kellett Aircraft Corp.</td>
<td>14</td>
</tr>
<tr>
<td>Ker-O-Kill Mfg. Co.</td>
<td>56</td>
</tr>
<tr>
<td>Kirkpatrick, L. H.</td>
<td>24, 60</td>
</tr>
<tr>
<td>Kirchel, S. B.</td>
<td>75</td>
</tr>
<tr>
<td>L</td>
<td></td>
</tr>
<tr>
<td>Lawrence, Geo. Co.</td>
<td>56</td>
</tr>
<tr>
<td>Lee, H. D., Merc. Co.</td>
<td>74</td>
</tr>
<tr>
<td>Los Angeles Union Stock Yards Co.</td>
<td>33</td>
</tr>
<tr>
<td>Luce Ranch</td>
<td>24</td>
</tr>
<tr>
<td>M</td>
<td></td>
</tr>
<tr>
<td>McCarroll, Raymond</td>
<td>72</td>
</tr>
<tr>
<td>Meachum, Merritt &amp; Sons</td>
<td>34</td>
</tr>
<tr>
<td>Mensinger, Merle</td>
<td>24</td>
</tr>
<tr>
<td>Mercer, J. W.</td>
<td>59</td>
</tr>
<tr>
<td>Miller Farms</td>
<td>30, 31</td>
</tr>
<tr>
<td>Miller Harness Co.</td>
<td>69, 75</td>
</tr>
<tr>
<td>M &amp; O Ranches</td>
<td></td>
</tr>
<tr>
<td>Morton Salt Co.</td>
<td>61</td>
</tr>
<tr>
<td>Mosley Land &amp; Cattle Co.</td>
<td>3</td>
</tr>
<tr>
<td>Mountcrest Ranch.</td>
<td>53</td>
</tr>
<tr>
<td>Mounts, C. E.</td>
<td>76</td>
</tr>
<tr>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Nordby, Herman &amp; Son</td>
<td>49</td>
</tr>
<tr>
<td>North &amp; Judd</td>
<td>55</td>
</tr>
<tr>
<td>O</td>
<td></td>
</tr>
<tr>
<td>Olsen Stetzer Boot Co.</td>
<td>56</td>
</tr>
<tr>
<td>Orvis, C. B. &amp; Son</td>
<td>50</td>
</tr>
<tr>
<td>O X O Ranch</td>
<td>52</td>
</tr>
</tbody>
</table>

## In This Issue

<table>
<thead>
<tr>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Observations, by the Editor</td>
</tr>
<tr>
<td>Livestock Markets, by P. R. Manifold</td>
</tr>
<tr>
<td>Spokane Junior Livestock Show</td>
</tr>
<tr>
<td>The Longhorn Section, edited by Frank M. King</td>
</tr>
<tr>
<td>Mavericks, by Frank M. King</td>
</tr>
<tr>
<td>Washington Cattlemen’s Column</td>
</tr>
<tr>
<td>Swine Section</td>
</tr>
<tr>
<td>Swine Outlook Promising, by Walter Miller</td>
</tr>
<tr>
<td>Purebred Sires, by Dr. E. H. Hughes</td>
</tr>
<tr>
<td>Hope for the Hogman, Poem by Bush</td>
</tr>
<tr>
<td>Cull Peas for Pigs, by E. J. Cunha, E. J. Warwick, and M. E. Ensminger</td>
</tr>
<tr>
<td>More Pork</td>
</tr>
<tr>
<td>Horse of the Month</td>
</tr>
<tr>
<td>Horses and Horsemen, edited by Frank O’Connor</td>
</tr>
<tr>
<td>Snopper, Cartoon by Amber Dunkerley</td>
</tr>
<tr>
<td>Lewiston Horse Show</td>
</tr>
<tr>
<td>Roundup</td>
</tr>
<tr>
<td>Stocks of Feed Larger</td>
</tr>
<tr>
<td>How’s Your Grass, by Reuben Albaugh and Burlie Jones</td>
</tr>
<tr>
<td>Providence Preserves the Arabian Horse, by Albert W. Harris</td>
</tr>
<tr>
<td>News Letter from the Nation’s Capital, by Fred Bailey</td>
</tr>
<tr>
<td>Here and There</td>
</tr>
<tr>
<td>Dipping 600 Cattle an Hour</td>
</tr>
<tr>
<td>North Pacific Hereford Sale</td>
</tr>
</tbody>
</table>
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