

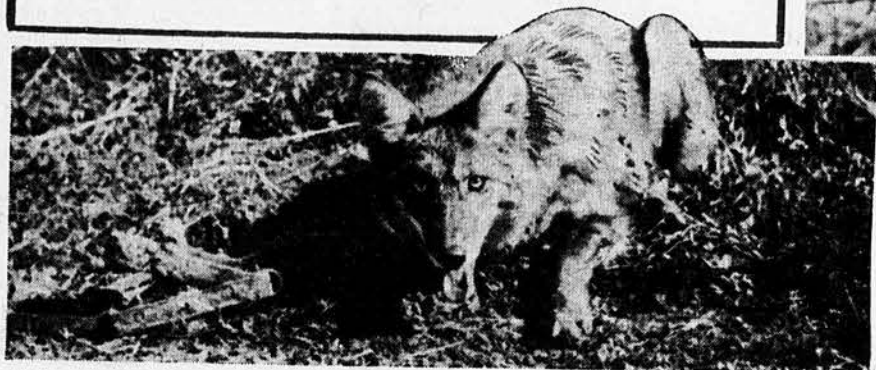
OCTOBER 6, 1945

KANSAS FARMER

CONTINUING MAIL & BREEZE

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MANHATTAN
KANSAS

COYOTES ARE
Smart!
**But Here's a Trapper
Who Gets Them**



This is one of 20 coyotes caught near the Bell schoolhouse, in Leavenworth county. Twenty-five coyotes have been trapped on one farm, that of Ed Bott.

Trapped on a haystack near Basehor, this coyote will kill no more farm animals or fowls in Leavenworth county. Farmers appreciate Mr. Berry's help.

CURIOSITY may have killed the cat. It certainly kills the coyote. That is the conclusion of O. L. Berry, Leavenworth, who probably is the only professional coyote trapper in Kansas.

He became a professional trapper thru a sincere desire to be helpful to others. Several years ago coyotes became a serious menace to farming in the county. They were causing annual losses to livestock and poultry totaling thousands of dollars. Sheep raising became so hazardous farmers completely dropped out of the business. Turkey raising, just getting a good start, also was threatened. Something had to be done.

Jay Leonard, secretary of the Leavenworth Chamber of Commerce, had heard that professional trappers were proving successful in Missouri and some other states. He investigated. The Department of the Interior, he found, would pay one third the cost of a trapper if the state and county would assume the other two thirds of the expense. A federal law provides that states and counties can work with the department on this basis. But neither Kansas nor Leavenworth county had any funds set up for such a project.

Folks over in Leavenworth found themselves right back where they started. The Leavenworth Times took up the problem and gave considerable publicity to the damage being done and asked for suggestions on what to do.

Then Mr. Berry stepped into the picture. A retired Army man, he had been a game warden at Fort Leavenworth and had years of trapping experience, altho most of it was for game animals. He offered to see what he could do about cleaning up the coyote menace. "I know of no other way I could be of more help to my friends and neighbors," he told Mr. Leonard.

Now, trapping coyotes is no job for an amateur. No one knew that better than Mr. Berry, who thought then, and still does, that the coyote is the craftiest animal of them all.

Having previously become acquainted with Sam Shultz, a government trapper in Platte county, Mo., Mr. Berry turned to him for help.

He went to Platte county and spent several months traveling with Mr. Shultz. He studied the habits of coyotes, how to make his sets, and how to prepare a scent that would lead coyotes to their death.

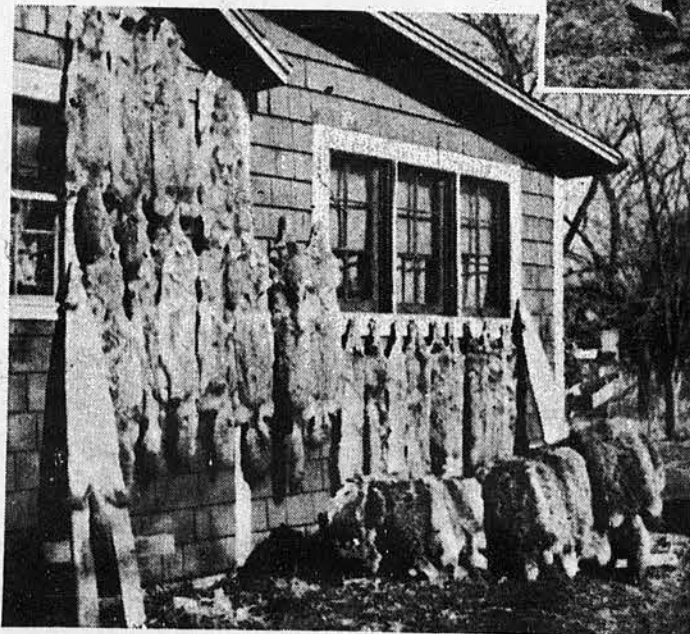
After thoro preparation for the job, he returned to Leavenworth and announced that he was ready to go to work. The Chamber of Commerce purchased some traps and arranged with the rationing board to allow him the necessary gasoline.

With this meager help, Mr. Berry began trapping coyotes in June, 1944. From then to January 1, 1945, he caught 115 grown coyotes and 20 pups. The Department of the Interior considers more than 60 coyotes a year as tops for professional trappers.

Financing the Leavenworth county trapping program was a problem at first, and still gives some concern. The only income Mr. Berry had at the start was the bounty, plus sale of the hides. [Continued on Page 20]



O. L. Berry, left, professional coyote trapper in Leavenworth county, smiles at Carl Dietrich, Leavenworth county farmer, as the 2 men display a night marauder.



Here are just a few of the 115 coyotes trapped by Mr. Berry between June, 1944, and January, 1945. It takes a lot of skill and patience to trap these smart invaders of the farm.

There's a Firestone TIRE Built for Every Wheel that Rolls on the Farm

FOR your tractor . . . for your truck . . . for your car, and for every other farm use, there is a Firestone tire engineered and built to do the job—and to do it better than any other tire made.

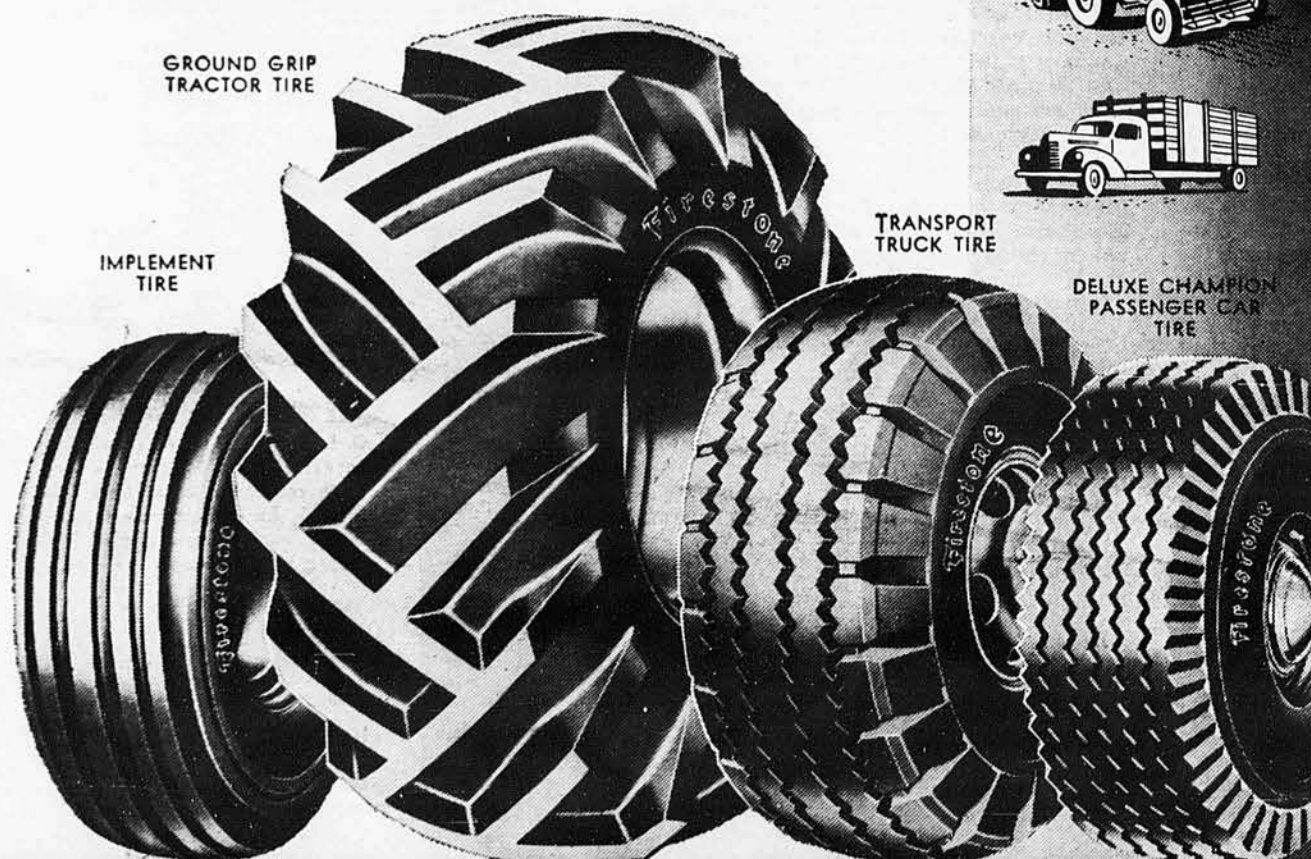
There are certain definite reasons why Firestone tires perform better and last longer. One is Firestone's understanding of farm tire requirements based on years of experience in the farm tire field. Another is the never-ending Firestone research and development

program to build the best today — and make it still better tomorrow. And still another vitally important reason for the superiority of Firestone tires is the fact that they are built by the finest craftsmen using the finest materials that science and machines can produce.

You can save time, money and do a better job of farming if you specify "Firestone" every time you buy a tire for your farm. From now on make it a Firestone.

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

THE TIRES THAT PULL BETTER LONGER



FIRESTONE PUT THE FARM ON RUBBER

Uncle Sam Says . . .

No Egg Dumping

Farmers need not worry about disposal of between 75 and 100 million pounds of frozen eggs left to egg driers whose war contracts have been canceled. All of this will be exported or otherwise disposed of in an orderly manner. There will be no dumping, says PMA.

Meet Clothing Demand

Immediate heavy demand for low-price clothing for millions of servicemen and women returning to civilian life will be met by WPB's low-priced garment program. Special ratings are being given manufacturers to obtain fabrics for this needed low-cost clothing.

More Building

Restrictions on all farm construction, except for farm houses costing more than \$1,000, were removed October 1. World War II veterans still will get preference certificates for new farm machinery and construction applications for new farm houses.

Wheat Market

It is reported that CCC has established a quota of about 180 million bushels of wheat for export to Europe over a 6-months period at a rate of 30 million bushels a month. The United Kingdom is expected to purchase a flour equivalent of around 4 million bushels of wheat, and reports are that more than 13 million bushels had been sold to France.

Back to Farm

World War II veterans numbering 8,927 were placed on farms as hired men, tenants or sharecroppers from January 1 to August 1, says Extension Service.

For Civilians

An estimated extra 3.8 million cases of canned fruits and 5.8 million more cases of canned vegetables will be open to civilians under reduction of Government set-asides on 9 major fruit and 6 major vegetable lines.

Can Use More Fats

Effective October 1, the quota for fats and oils in making shortening, cooking and salad oils was increased from 79 per cent to 88 per cent of the 1940-44 base. An increase of 4 per cent in fats and oils for soapmaking also was ordered, and an increase from 45 to 75 per cent of base for fats and oils for paint, varnish and floor coverings.

Sugar Shortage

Sugar allocations by U. S. D. A. for the 4th quarter are 1,222,610 tons, or 317,000 tons under average prewar levels, but 68,000 tons above the 1942 low point.

Egg Supply

Total holdings of shell eggs September 1 were 4,721,000 cases compared with 7,653,000 a year ago, announces U. S. D. A.

Chick Crop

Farmers bought 66 per cent more chicks after June 1 this year than last, as well as hatching out more on farms. Chicks hatched since June 1 number 208 million.

Hog Skinner

A power-operated flaying knife, which is an adaptation of the sheep clipper or wool shearer, has been developed by Cornell University for skinning hog carcasses. Inserted between the skin and the carcass after the skin of the hog is slit with a sharp knife, the oscillating dull blade moving across the stationary blade, effectively produces a skin free of fat without accidental cuts.

Plane Farming

Airplanes were used in the southeast part of the U. S. last spring to plant 7,150 acres of lespedeza, broadcast 2,929 acres of oats with ammonium nitrate, and broadcast superphosphate on 257 acres of lespedeza. About 178,000 pounds of lespedeza seed were sown at the rate of 1,220

pounds an hour, or about 60 acres an hour. Ammonium nitrate was broadcast at the rate of 30 acres an hour.

Fewer Sleepy Horses

Equine sleeping sickness reported to the Bureau of Animal Industry to September 1 this year, shows about two thirds of the number of cases filed by this date in 1943, and only about half the number to this date last season. Indications are that the disease has not been quite so prevalent, altho September and October remain favorable months for it. There were 901 reports made to September 1 this year, with California, Missouri, Iowa, Kansas, Oklahoma, and Minnesota the major portion of them. Final reports will be recorded soon after November 1.

More Shoes

A new WPB order permits shoe manufacturers to increase production in established price lines, and to introduce a limited number of styles in new price lines. Medium and lower price range leather shoes may be produced in unlimited quantities.

A Stitch—In Time

Some 40,000 sewing machines probably will be manufactured during the last 3 months this year. This is about 20 per cent of prewar output. It probably will be next summer before a satisfactory flow of machines to dealers is attained.

Big Spud Crop

Price controls on white potatoes have been suspended by OPA until October 25, 1945. Ceilings on certified and war approved seed potatoes are not affected. The spud crop this year is about 432,895,000 bushels, the largest in years.

Versatile Shoes

The Army Quartermaster Corps now is converting some 300,000 pairs of canvas top jungle boots into athletic shoes for the Medical Corps. The conversion project will save some \$600,000 necessary to procure new athletic shoes for general and convalescent hospitals.

Top Bull to Kansas

The highest price ever paid for a Milking Shorthorn bull in Canada was laid on the auction block recently at Buckingham, Quebec, by Joe Fox, of St. John, Kan.

Mr. Fox paid \$7,100 for a Shorthorn bull, Neralcam Sir Charlie, during a dispersal sale of the Neralcam herd of 45 head. Buyers were present from Texas to Canada.

Bombs for Farm Use

Sometime this fall farmers will be able to buy 1-pound DDT bombs retailing at \$4 each. The "bomb" dispenser contains DDT under gas pressure and is intended for household or barn use.

Senator Capper on Radio

Every Sunday afternoon at 4:45 o'clock Senator Arthur Capper discusses national questions over WIBW radio station.

KANSAS FARMER

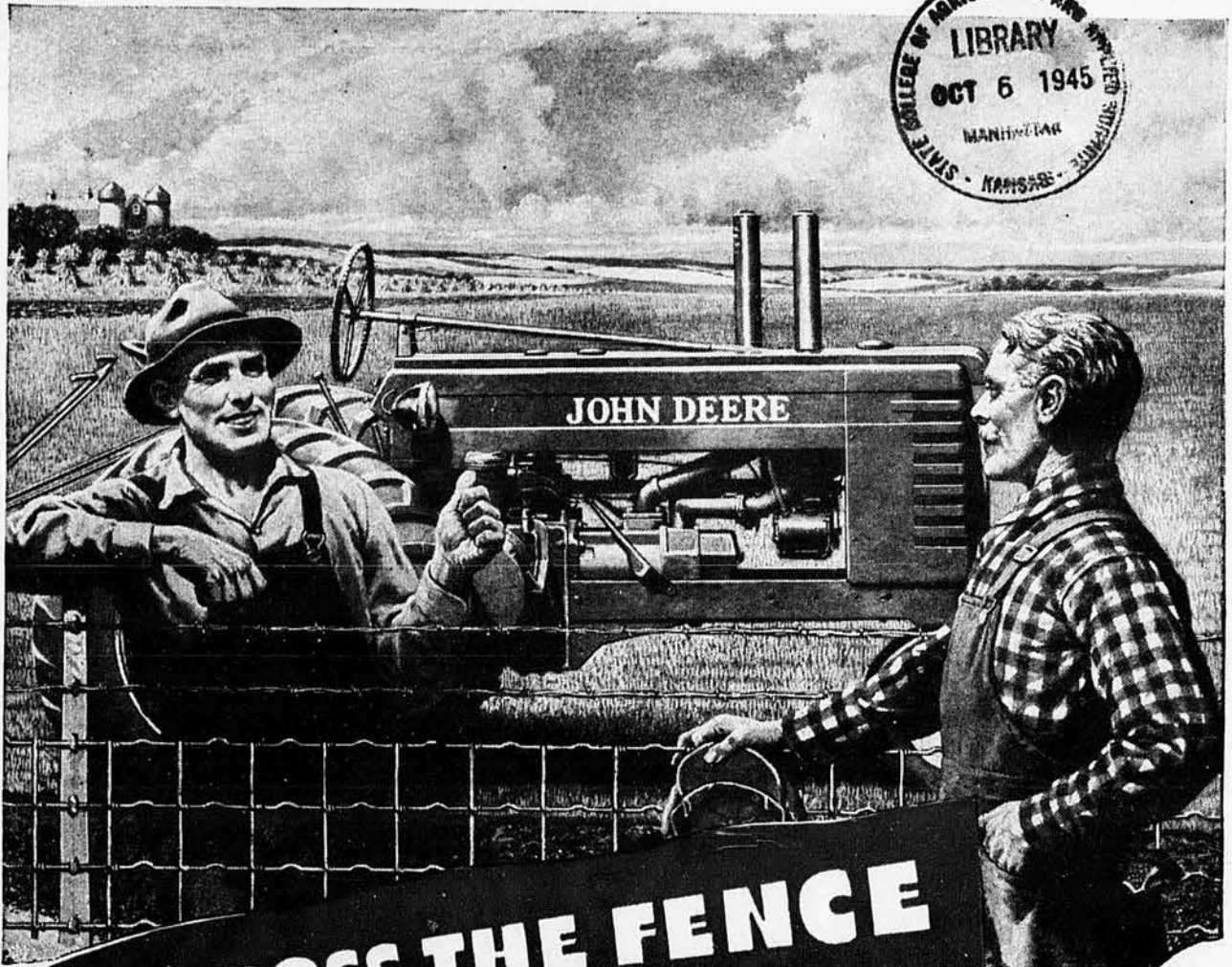
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Five years, \$1; one year, 25 cents.



ACROSS THE FENCE

Across-the-fence enthusiasm that radiates from John Deere tractor owners everywhere is the direct result of actual experience, for which there is no substitute. It has had a tremendous influence with farmers who today are operating more than one-half million John Deeres, and with the many more thousands who have placed their orders for earliest possible delivery and are "standing by".

This recognition and appreciation by farmers of true tractor values, accentuated by the stress of wartime food production, has done more than any other one thing to spread the popularity of John Deere tractors.

Wartime operation by boys and farm women has added greatly to the list of

John Deere tractor enthusiasts. With starter and lights, hydraulic control, hand clutch, standing platform, good vision, and easy steering, it has been easy and practical for them to pinch-hit in meeting the acute farm labor shortage.

Long life, dependable performance, low cost for operation and maintenance, together with all of the modern features to make tractor operation easier and more productive, is the enviable combination found in greatest measure in the John Deere complete line.

John Deere tractors are built in 6 power sizes and 20 models with matched integral and drawn equipment to meet your most exacting needs.

A John Deere Tractor Is Well Worth Waiting for

With the speeding up of production, as material and manpower become available, more and more John Deere two-cylinder tractors will be coming off the assembly line. If you need a new tractor and can't get a John Deere now, why not place your order with your John Deere dealer. A John Deere tractor is well worth waiting for.

JOHN DEERE, Moline, Illinois



Another Big Year for the FARMALL SYSTEM



THEY'VE DONE IT AGAIN—the all-American team of farmers with their mechanized army of tractors and farm equipment!

They have produced another bumper crop, even though there have been too few new machines to go around. In fact, many of the crops that have moved to market, feedlot, barn and crib this year have been produced with machines that in normal times would have been "retired" long since. Farmers and dealers have repaired them—kept them working.

Through the busy months from seedtime to harvest, FARMALL TRACTORS and the FARMALL SYSTEM have led the way on the food front.

It has been the same story through the 22 years of Farmall's history. Farmall was FIRST. Farmall IS first

today. Farmall Power made mechanized farming practical and efficient for the average farm.

And now, as farm work tapers off at year's end, give serious thought to 1946. More Farmalls are coming . . . the same great family of tractors in sizes for all needs . . . the sturdy "A" and "B," and the powerful "H" and "M," with specialized equipment for every crop and every season.

Meanwhile, it is good business to put your present Farmall and equipment in good condition for next year. The International Harvester dealer, with his modern service facilities and stocks of Genuine IH Parts, is ready to help you.

INTERNATIONAL HARVESTER COMPANY
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Symbol of Service to the American Farmer

This symbol means "Product of International Harvester." It is the mark of quality and experience . . . a new emblem by which our Company dedicates its tractors, trucks, and equipment to *Your Service*.

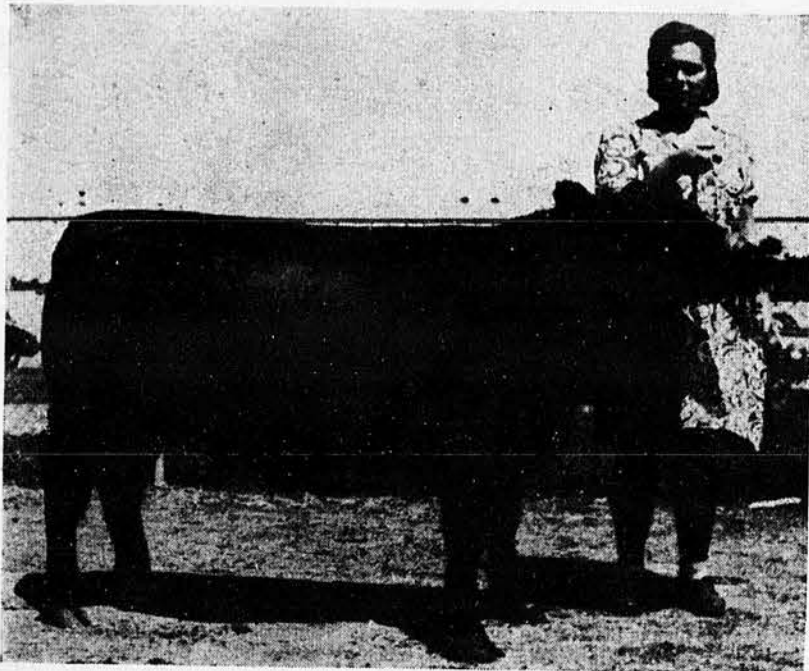
Fit FARMALLS Into Your Soil Conservation Program in 1946—

Use your *regular, standard* farm equipment for contour farming, terracing, strip cropping. Back up the fight to save productive soil. Contour farming is *natural farming*. Profitable, too. See your local soil conservationist or county agent; or consult the Harvester dealer about your plans and problems.

FARMALL Leads the Way Today

Beef Interest Picks Up

Coffeyville Project Finishes With Big Sale



Grand champion baby beef of the fat calf sale at the Inter-State Fair, Coffeyville, was this Angus, owned by Leland Bradley, Oswego, and shown by his sister, Helen. The calf sold for 67 cents a pound.

A FINE \$10,000 fat calf sale was the climax this fall of the Coffeyville Chamber of Commerce efforts to create more interest in beef production in that area.

Early last fall, the Chamber of Commerce instructed their agricultural commissioner, Leonard A. Rees, to organize a baby beef project among boys and girls in 5 counties, including Montgomery, Labette and Chautauqua in Kansas, and Nowata and Washington in Oklahoma.

Mr. Rees gave assistance in buying calves and 40 calves were purchased by 36 boys and girls, all members of F. F. A. or 4-H Clubs. All calves were put on feed immediately.

Of the 40 calves, 33 exhibited at the 1945 Inter-State Fair in Coffeyville. Thirty-one were sold the afternoon of the last day of the fair in a specially organized sale.

These 31 calves totaled about 14 tons of beef—actually 27,800 pounds. They were owned by 27 individuals, averaged 869 pounds in weight, sold at an average of 36 cents a pound, and had an average value of \$314.41.

Grand champion calf of the fair was an 815-pound Angus owned by Leland Bradley, of Oswego. The calf was sold to H. L. Campbell, president of the First National Bank, of Coffeyville, for the top price of 67 cents a pound.

Reserve champion, a Hereford, was owned by Helen Bradley, of Oswego, a sister of Leland. This calf was not sold as it is being shown at the Kansas

Fat Stock Show at Wichita, October 2 to 6.

The Montgomery county champion was a 765-pound Angus owned by Eugene Brinkman, of Coffeyville. It sold at auction to Dr. J. D. McMillion, of Coffeyville, at 50 cents a pound.

Montgomery county reserve champion was a 990-pound Hereford owned by Donald Houston, Elk City. It sold to the Weinberg Department Store, of Coffeyville, at 47 cents a pound.

Other prices paid at the sale varied from 25 cents to 60 cents a pound. Total value of all animals sold was \$10,061.25.

Plans now are under way to continue the beef calf work in 1946. Also, it is planned that a dairy program will be added.

Early to Market

"A good bull is 75 per cent of a cow herd," says Walter Adams, of Mitchell county. Using a son of Domino C. 150 as his herd sire, Mr. Adams last year had calves on the market at 14 to 16 months old averaging 867 pounds. They brought \$16.35 a hundredweight.

The Adams Herefords are part purebred and part grade cows. He has about 70 head and this year will sell off some of his older cows while prices are good, and will hold back some of the better heifers to build up his herd.

Mr. Adams creep-feeds his calves but winters his cows on pasture with a minimum of feed.



"I s'pose if you fed him Wheaties, he'd get so much energy he'd bust right outa there!"



by Betty Crocker

SUGAR-SAVER: Time-saver, too. Cocoa syrup stored in refrigerator for making cocoa. Mix:

- 1 cup Cocoa
- 3/4 cup Corn Syrup
- 1/2 cup Sugar
- 2 cups Cold Water
- 1/4 tsp. Salt
- 1/2 tsp. Vanilla

Stir until smooth. Boil rapidly 1 minute. Store, covered, in refrigerator. When making breakfast cocoa, use 2 to 3 tbsp. cocoa syrup to 1 measuring cup hot milk, say our Betty Crocker staff at General Mills.

SWEET-TYPE CEREAL: Meaning our Wheaties. These crunchy whole wheat flakes are sweet-malt flavored. Your folks may prefer them without sugar. Why don't you try Wheaties, and see? See if they may not help out on your sugar supply.

NEW BIGGER PACKAGE: Did you know? Wheaties can now be had in a new super size. It's the Extra-Big-Pak, holding 50% more than the regular size. This new bigger package is specially designed for farm families. Ask for the Extra-Big-Pak.

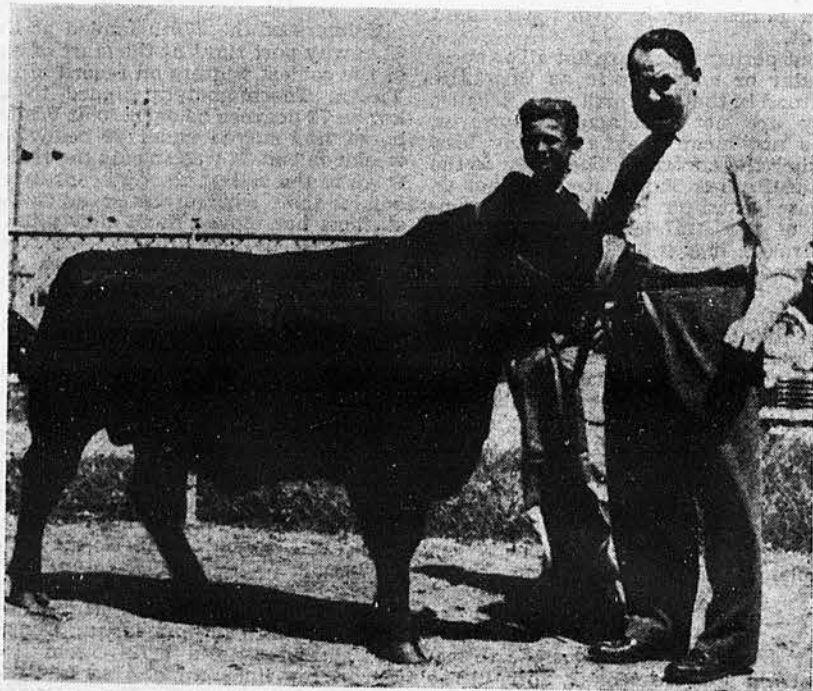
NOURISHING, TOO. Important food values in Wheaties. Whole wheat values of two B vitamins, iron and food energy. Nourishing, since they're flakes of good whole wheat. So tasty, too. Second helping good. Millions agree . . . you know, Wheaties are America's favorite whole wheat flakes!

"Wheaties", "Breakfast of Champions" and "Betty Crocker" are registered trade marks of General Mills, Inc. Minneapolis, Minn.

General Mills, Inc.



HELLO! Two sizes now in Wheaties. Regular, and Extra-Big-Pak holding 50% more. For farm-size helpings of these crunchy whole wheat flakes.



Champion Montgomery county 4-H Club calf at the sale was this Angus owned by Eugene Brinkman, Coffeyville. Here, Eugene looks on as the calf is shown by its purchaser, Dr. J. D. McMillion, Coffeyville. Price paid was 50 cents a pound.

Gold-Rush Road Fights a War

In 72-Degrees-Below-Zero Weather, Trains Froze to Rails

By LT. CECIL E. BARGER

THE White Pass & Yukon is the little rail line which follows the old gold rush trail of '98 from Skagway, Alaska, to Whitehorse in the Yukon. It is only 110 miles long, and its tracks are only 36 inches wide. Still its contribution to the war effort has earned for it the title, "the biggest little railroad in America."

I recently covered this route, making the trip in a matter of about 9 hours, an average of 12 miles an hour. Pretty slow, but far faster than the weeks it took the prospectors of '98 to scale the heights and cross on foot or by pack horse the rocky ravines of the White Pass.

Starting at sea level at Skagway, the track climbs to an elevation of 2,940 feet in 18 miles. The distance actually is only 9 miles from Skagway. But the tortuous route of the railroad winding in and out around the mountains doubles the distance. The climb is an almost continuous 3.9 per cent grade to the summit of the White Pass. It is generally conceded that the W. P. & Y. has the toughest 110 miles of track in the world.

Our train was made up of only 12 baby-size, narrow-gauge cars. Yet it took 4 engines and tenders to make the grade. Looking out from the passenger car in the rear, I could see smoke from 3 of the engines puffing madly toward the sky as we rounded many of the sharp curves.

Gazing far below us, I could frequently see the tracks hundreds of feet below over which we had traversed, and it was difficult to believe we had climbed so far into the clouds.

A Trail That Made History

As the train edged around the mountains on the edge of the Skagway river ravine, we could look straight down for hundreds of feet, perhaps even a thousand, and see traces of the old Gold Rush Trail. This is the trail which wrote a bloody and dynamic chapter in the history of the Klondike gold rush. Many men froze by the wayside. Many were covered under landslides and snowslides never to be seen again. Dozens perished of hunger. Dozens of exhaustion in scaling the rugged incline.

The W. P. & Y. was built to carry the mad prospectors over the hump of the formidable Coastal Range of the Rockies. Started in 1898 it reached Whitehorse in 1900, at a point just beyond the Whitehorse Rapids. Here, the prospector transferred his equipment and supplies to a boat in the Lewes river (then the Yukon) and floated downstream to Dawson City, heart of the Klondike. One of the original builders of the road is still right there in Skagway, on the job as general superintendent, the lean and jocular V. I. Hahn.

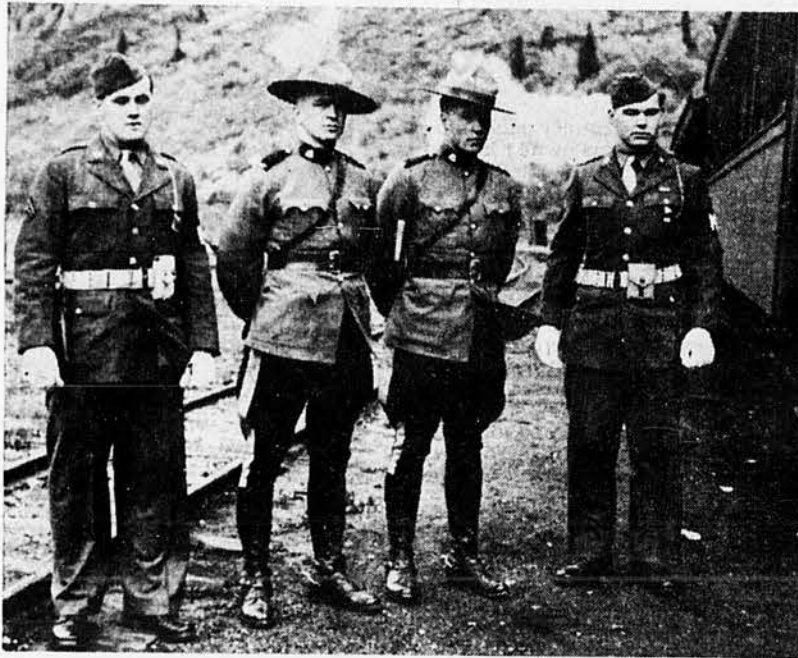
After the gold rush, the little rail

line was content to bring from the coast to the Yukon and Alaskan interiors, supplies for the mining areas which sprang up. It was a good business, but there was no emergency attached. If a snowslide covered the tracks, no train was dispatched until they were cleared.

Tourists bought out all available passenger space early in the season, for the romance of the gold-rush trail and its majestic scenery caught the fancy of the American public.

Copper Tours to Alaska, sponsored by Kansas Farmer, included a special trip over the White Pass & Yukon rails as far as Bennett City, there catching the daily train headed in the opposite direction to return to Skagway. So many Kansas folks are familiar with the turn-of-the-century plush seats and the picturesque brass kerosene lamps of the pint-sized passenger cars.

Suddenly into this laconic atmosphere, came news of Pearl Harbor, the war, and the threat to the Northwest approaches to North America. The Japs clutched at Alaska and started climbing up the Aleutian chain.



Mounties—the Royal Canadian Mounted Police—add color to the rugged panorama as the White Pass & Yukon crosses the Alaska border into Yukon territory. U. S. Army MP's work with them and sometimes assist the Mounties in "getting their man."

When the Alaska Highway and Canal Project were being built, the railroad's tonnages jumped as much as 2,000 per cent. From a small trickle, its volume of freight pinnacled to hundreds of tons a day. The part played by the little midget rail line of the

sub-Arctic earned for it a place in railroad history.

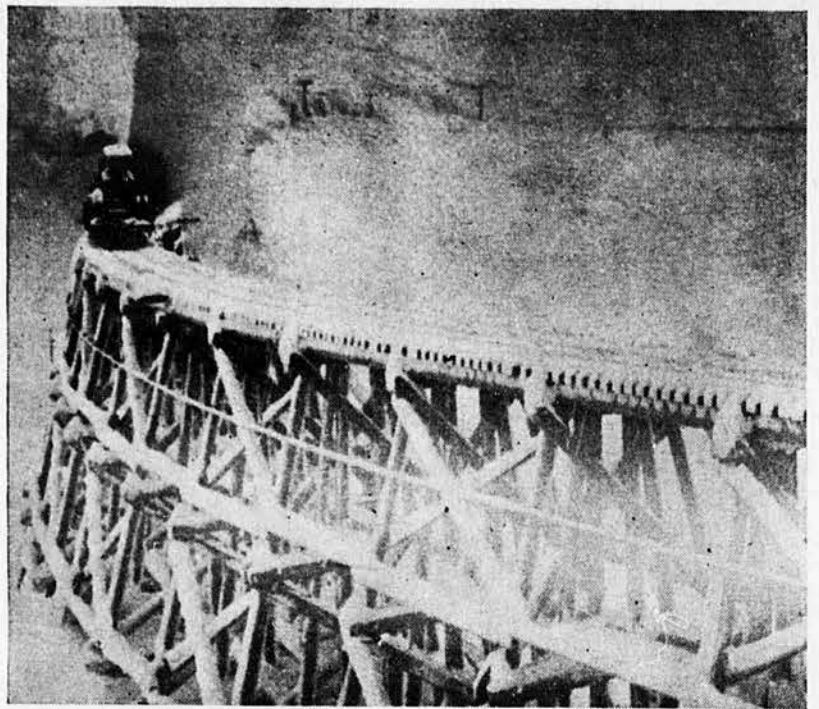
Of course, you don't have to go way up into the frozen North to find an example of what a tremendous job the railroads of the land are doing today. You have but to look at any local Kansas freight yard; or push your way thru almost any crowded passenger depot.

But perhaps they are not all as spectacular or as romantic as this little railroad in the far Northwest. Because they are not spectacular, however, does not mean they are doing less. Rather the contrary. The story of the White Pass & Yukon Route is not an isolated example; as a smaller member of the American Association of Railroads, it is the story in miniature of hundreds of rail lines in America today.

The famed White Pass & Yukon was built to facilitate a gold rush. But even the gold rush can't compare with the rush it has had in the last 3 years.

When Brigadier General William M. Hoge, whose home is in Lexington, Mo., and who more recently distinguished himself when his armored forces captured the Remagen bridge on the Rhine in Germany—arrived in the North to build the Alaska Highway, he found supply was his biggest problem. Fortunately for him, Whitehorse, squarely in the middle of the proposed road, was connected with the sea by the little White Pass & Yukon.

At first, the railroad agreed to run one train a day especially to haul the Army supplies. It was soon discovered that was not enough. General Hoge asked the line to jump to 500 tons a day. Five hundred tons a day was a



In a snowstorm, a locomotive of the White Pass & Yukon Railway crosses a high trestle over a ravine high in the Alaskan range of the Rocky mountains. There is not as much snow as most people think in Alaska. However, mountain passes along the White Pass line frequently fill up with winter snows.

tremendous amount for the midget line, with its baby-size cars, and its steep grades of nearly 4 per cent. The line which in its 44-year life had never averaged even in its biggest year 100 tons a day!

Using only its equipment and its personnel, the railroad actually had jumped its freight up to 475 tons a day by August, 1942. It was then that General Brehon Sommervell came to inspect the progress on Northwest defenses; he asked the railroad to jump its tonnage—not just a few hundred tons more—but to the unbelievable figure of 2,000 tons daily!

C. J. Rogers, the silver-haired president, never flinched. He knew his railroad was a tough little number. It had been operated for more than 40 years in some of the most rugged weather of the North American continent, cutting squarely across the Alaskan Rockies. He knew his line could take it.

But he would need additional locomotives and boxcars, hundreds more laborers. With priorities and restrictions, he knew these would be hard to get. So for the sake of helping the war effort, he decided it would be best to lease the line to the Army and let them run it.

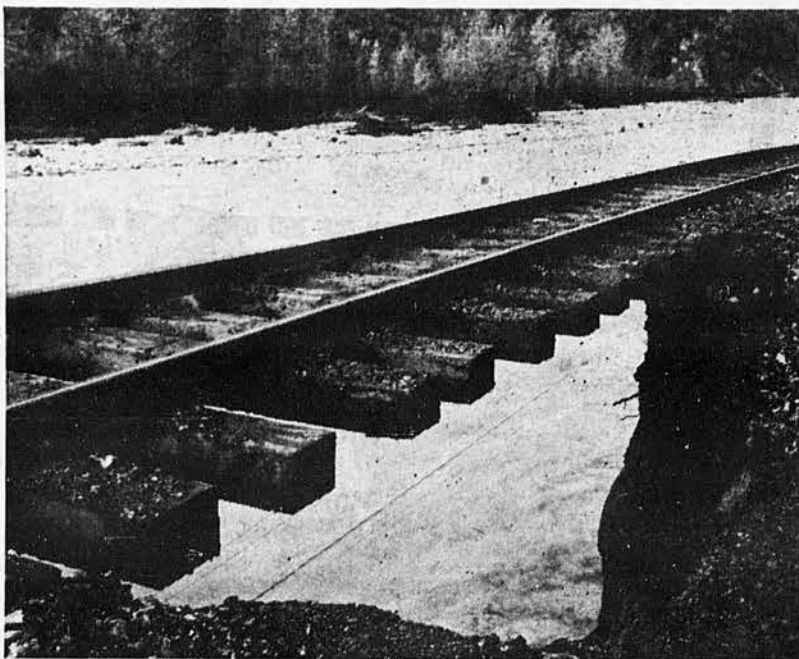
So the Northwest Service Command, the U. S. Army command embracing Western Canada and part of Alaska, took over the White Pass & Yukon and turned it over to the 770th Railway Operating Battalion to operate. Head of the Northwest Service Command is Brigadier General Frederick S. Strong, Jr., a Midwesterner from Orchard Lake, Mich.

At 72 Below Zero

Soldiers of the 770th landed at the Skagway port right at the start of one of the coldest winters on record in the Yukon. Thermometers dipped to as low as 72 degrees below zero at Whitehorse, and stayed under 40 below for weeks on end. It was so cold the trains froze to the rails, and engineers dared not let their locomotives stand in the stations but moved them slowly back and forth to keep the wheels from welding to the tracks. Engines got tied up in snowstorms, passengers chopped up the coach seats for firewood to keep from freezing to death, and once after an engine blew a cylinder head at Fraser Loop, the crew had to be rescued by tractor train across the ice of Bennett Lake.

Many Kansas boys from farms and rural areas were included among these railroaders. From the Santa Fe came Lloyd C. Speaks, Longton; Waldo H. Kroeker, Newton; Carl V. Devore, Wellington; Francis E. Pegg, Douglas; William J. Preston, Emporia; Sherman L. Piggott, Osawatimie; Carl F. Schaefer, Humboldt; John H. Phillips, Florence; and Donald F. McMillen, Baldwin. From the Burlington lines came Alva L. Stevens, Kendall; from the Union Pacific, Francis M. Youngdahl, Salina; and Meryl J. Brunkow, Onaga; and from

(Continued on Page 22)



Covering 110 miles of some of the roughest railroad terrain on this continent, washouts and slides are constantly guarded against. Safety was a shibboleth of the builders of the W. P. & Y., one of whom was V. I. Hahn, general superintendent, and the accident rate is remarkably low.



A WORLD food situation report, released by the Department of Agriculture Sunday, declares a terrific shortage of food, coal and clothing in Europe, with plentiful food supplies in the United States.

The special report issued at this time indicates that the Administration is preparing to push for early and favorable action on an appropriation of \$1,900,000,000—almost 2 billion dollars—for world relief. "It is plain," the report states, "that only substantial food imports from outside sources can save millions of Europeans from near-starvation in the coming winter."

In the United States, it is pointed out, civilian supplies this fall and winter will be "significantly easier" than they have been so far in 1945.

The Department said the United States could easily spare substantial quantities of canned meats, some fresh and frozen meats of lower grades, some cheaper styles of canned fish, canned and powdered milk, eggs, cheese, potatoes, some dry beans and peas, dried fruits, some corn and wheat.

In fact, the report states further, more potatoes, more eggs and perhaps more of the lower grades of beef may be available this winter than our own civilians will demand at present prices. While these demands for billions and still more billions to be given away to Europe and other parts of the world are mounting to proportions that I believe are beyond our capacity to fill, I think this need for food should be met to the limit of our ability.

A short time ago I had a talk with Scott Kelsey, of Topeka. There are some 600 million bushels of surplus potatoes in the United States for this winter. The bulk of that surplus could well be shipped abroad. Similarly with other surplus food and food products.

But at the same time, I think we ought to scrutinize very carefully this 2 billion dollars of additional funds for the United Nations Relief and Rehabilitation Administrations. The job that UNRRA, as it generally is called, has done so far overseas has not been such as to encourage turning over another 2 billion dollars (alho marked down to \$1,900,000,000) for it to administer.

It is about time our givers started considering costs and supplies, as well as needs and demands. There are limits to our capacity to give and give and give.

I also ran across another interesting item last Sunday. Frank C. Waldrop reports that the State Department recently sent a directive to the War Production Board requiring that 12 million yards of cotton goods be withdrawn from present U. S. production schedules, for foreign use. Now in 1939 the entire production of cotton woven goods over 12 inches in width was only a little more than 9 million yards. We are giving away one third more cotton goods than we produced in normal times for all purposes.

Of course, I want my country and my people to be generous; to give aid to the distressed. And I think Uncle Sam has been generous; he has not been niggardly, and does not intend to be niggardly.

But these billions and billions are adding up to very sizable totals. Before the summer recess Congress approved legislation that will result in

more than 10 billion dollars going overseas for construction purposes. In addition, Britain wants 6 billions, practically as a gift. Russia wants 6 billions "as a loan." But human nature being what it is, you know as well as I do that if the billions to Britain are not to be repaid, Russia will feel that her borrowed billions should not have to be repaid. And there are a score of other nations just waiting to see how well Britain and Russia come out, so they will be certain not to ask too little.

And we also know how they will feel about it when the gifts from Uncle Sam cease, as some time they must. When Lend-Lease was stopped at the end of the war (as Congress provided when it passed the measure) we were severely criticized by the people who had been the largest and steadiest, and one might say readiest, beneficiaries.

Also, groups of our own people, who see the billions pouring out as gifts to people of other lands, inevitably come to feel that a treasury which can stand that drain, ought to be able to contribute a few billions every year for individuals in the United States.

An editorial in the United Mine Workers Journal the other day commented on the tendency all over the world to "let Sam do it," and added, if you want to know who "Sam" is, just look in the mirror.

Protect Your Property

I DON'T need to tell you how costly and dangerous fire can be on the farm. You probably have sized up your fire hazards more than once. Very likely you have provided some kind of protection against being burned out. But apparently farm homes and buildings generally do not have enough safeguards. I say that because there are so many farm fires every year. Too much property and too many lives are lost in farm fires as each month rolls around. For that reason I wish to urge my Kansas farm friends to observe National Fire Prevention Week which begins October 7.

There are plenty of special weeks set aside every year for one thing or another. Many of them don't even come to your attention. But here is one week farm folks can chalk up on their calendars for action right at home for their own safety and welfare. One big reason for doing this is the fact that farm fires in 1944 destroyed 90 million dollars worth of farm property. That was one fifth of the entire fire loss in the United States last year. With farms so far apart this means a great many farmsteads had to be involved to run up so many millions of dollars in loss.

Fortunately many things can be done to afford protection for your lives and your property. First thing is to hunt out the firetraps. I wish every farm family in my home state would hold a council of war against fire. Set aside a day next week to go over your home and buildings from chimney flues to grain bins. Discuss the possibilities of fire starting in these various places. Then elimi-

nate the danger spots. I can remember fires starting from defective flues and chimneys, from too much soot, from stoves being too close to woodwork, from live coals dropped on the floor, from oily rags in forgotten corners, matches in children's hands, lanterns in the barn, gasoline stored in the wrong place—and, that "in-a-hurry" cause of trouble, hustling a slow fire in the kitchen stove with kerosene or gasoline.

There are a great many other causes of fire you will think about and avoid.

If you are about to remodel your home or barns, or put up new ones, let fire prevention be one of the main blueprints. Materials are going to be easier to get from now on, so an investment in fire-protective construction is one thing you will think about.

Of the known causes of farm fires, there are 8 that are responsible for about 85 per cent of the total losses. Five of these have to do with construction. They include defective chimneys and flues, sparks on roofs, lightning, spontaneous combustion, careless use of matches and smoking, careless use of gasoline and kerosene, defective and improperly installed stoves and furnaces, faulty wiring and misuse of electric appliances. Having these danger points in mind is a good thing when doing any building. There is an abundance of information available, worked out by experts, showing exactly how to build protection into a home. I know our Agricultural College or the Department of Agriculture will gladly send you almost any kind of material you may wish along this line.

I have seen home fire-fighting equipment on a good many farms. Chemical extinguishers, force pumps, fire pails and barrels of water, ladders, and more and more farm water systems and garden hose are helpful in case of fire. All of these items are good to have. But I would like to see every rural community get adequate motorized fire apparatus and set up some kind of organized fire-fighting force. Of course, this calls for a handy water supply on each farm. And it also calls for good roads to all farms in a community. That is one more reason for all-weather, farm-to-market roads.

Farm people and folks in small towns can work together especially well on fire departments. They can all chip in and pay for the equipment. All town and country property to be protected by this equipment can be mapped out well. This would call for marking the best roads and shortest routes to every farm. Probably the equipment could best be stored in town, and town men be responsible for taking it to farm fires. Community meetings could be held where best ways of fighting fires can be studied.

I know there are such rural fire-fighting organizations in the country, and they have been very successful. That is why I would suggest that something be done in Kansas rural communities. Probably no better way could be found to observe National Fire Prevention Week, than for town and country folks to get together and start planning just such a fire-fighting service as I have suggested.

Arthur Capner

Washington, D. C.

Must Have High Incomes and Wages

WASHINGTON, D. C.—Probably William S. Kiplinger, veteran Washington correspondent and business letter publisher, is correct in his recent statement that Labor and Agriculture will be at swords' points in the months and years just ahead, while the country is trying to work back from war production to peace consumption.

Mathematically, the present situation might be expressed this way, at the risk of oversimplification:

Labor leaders are demanding that wages be increased so that the "take home" pay of a workman for 40 hours

shall be the same as it was for 48 hours with overtime during the war.

That is the demand of the C. I. O. groups at present, when they ask for a 30 per cent increase in basic wage rates.

Taking \$1 an hour as the base for a calculation it works out this way. Forty hours straight time at \$1 gives \$40. Eight hours overtime at \$1.50 gives \$12. Add \$40 and \$12 and you get \$52.

By CLIF STRATTON
Kansas Farmer's Washington Correspondent

On the basis that the 40-hour week will prevail generally in the postwar period, to get \$52 a week will require a 30 per cent increase in the basic rate; that is a 30 per cent increase would hike the hourly rate from \$1 to \$1.30. Multiply \$1.30 by 40 and you get \$52 for 40 hours, which makes the "take home" pay \$52, same as for 48 hours during the war period.

In contrast with this, farm leaders have obtained from Congress a prom-

ise that the Government will sustain farm prices on most commodities at 90 per cent of parity for 2 calendar years after the war officially is ended.

Now suppose we get at the mathematics of this.

Farm prices compared to what farmers pay this year give a parity ratio of 117, probably, for the year. Latest report from Bureau of Agricultural Economics gives it as 119 for July, but prices already have started dropping.

Take parity ratio for the war as 117. Program is that prices will be sup-

(Continued on Page 23)

PIONEER

HYBRID SEED CORN

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GROWS RAPIDLY

STANDS STRAIGHT

MATURES PROPERLY

PRODUCES MORE
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COON RAPIDS, IOWA

How to Heat Your Home

Points to Watch in Building or Remodeling

By A. J. MACK, Kansas State College

MANY farm families are contemplating building new homes or making additions to present homes which will require new or additional heating equipment. The type of heating equipment you should install depends upon many factors such as size of home, arrangement and availability of fuel.

The stove is far from obsolete for heating homes, especially homes which have no basement. A good stove, or better yet, a good circulating heater, would be quite satisfactory for heating single rooms. They would not be so satisfactory for heating more than one room, unless there were sufficient openings provided in the adjoining walls at the ceiling and floor levels to permit free circulation of air.

Pipeless, gravity warm-air furnaces have found some favor for heating small homes of the square type with only one floor. In some cases a cone placed over the heater is connected by means of a leader pipe to a register in a bathroom to insure more positive heating to a higher temperature than would be desirable in other rooms of the house.

The gravity warm-air furnaces with leader pipes to each room, and one or more cold-air return ducts, are very extensively used in home heating. They are quite satisfactory for heating homes where long leader pipes are not necessary.

With such systems no leader pipe should be less than 8 inches in diameter, or more than 12 inches in diameter. And they should not be more than 12 feet long if it can be avoided. Preferably, the pipes should be of about equal length.

Pick the Right Spots

Since such systems must depend upon the small difference in weight of the cooler return air and the warm supply air, care must be used in design and location of registers and grills. Warm-air registers of ample size may be located in the floor, in the baseboard, or near inside walls. Cold-air grills would be desirable for each room but that is not always convenient so, in many cases, they are limited to 1 or 2. It is important that they be located in the colder spots at the foot of a stair, under a window seat, or near an outside door or window. They must be kept free of obstructions at all times. The return ducts should not be located too close to the furnace as air circulation would be retarded if the air was heated before reaching the furnace proper. Cold-air ducts should be connected to the furnace at as low a level as possible, and never higher than the grate level.

Where electric power is available the forced warm-air system has found increasing favor. In a well-designed system each room is supplied with both a warm-air register and a return grill. Since circulation of air with such a system is more positive it can be used successfully for the more rambling type of home as well as for other types of homes.

Hot-water heating systems have been employed very satisfactorily in home heating only to a limited extent. They provide a uniform, comfortable heat. They cannot, however, adapt themselves to rapid changes in heat demand.

There are a wide variety of steam-heating systems, any of which can be designed for home heating. In general, tho, such systems are single or 2-pipe systems. The low pressure, or vapor system, is a 2-pipe system with radiator traps and air vents. Any of the steam systems, if properly designed and installed, should be quite satisfactory. Accessories, such as steam and air valves and steam traps, will need attention from time to time. There is a wide range in costs of various heating systems. Use of automatic stokers for firing coal has increased rapidly. They, however, can be used only where power is available. They are convenient from the standpoint of operation. Stoker-fired plants should be economical as cheaper grades of coal can be used, and better combustion can be obtained than by hand firing.

Automatic controls contribute to fuel economy where they can be used

such as on stoker-fired, or oil- or gas-fired furnaces.

Does your home have a feeling of chilliness when it is at 70 degrees F? Do your floors creak and does your furniture squeak? If so the humidity in your home probably is lower than it should be. You can improve matters by keeping a kettle of water on the stove if you use one, or keep the water pan on the warm-air furnace full at all times. A water pan could be attached to the radiators of hot water or steam systems. The purpose of the water pans is to increase moisture content of the air in the room, and thereby reduce the amount of evaporative heat given up by the body and the drying effect of the air to some extent. I already have mentioned the necessity of keeping the cold-air returns open in a warm-air heating system. All too often these are partially blocked by furniture or children's toys.

Need Large Heating Surface

A system too small for the job can never be entirely satisfactory. If it must be forced it becomes inefficient. When the fuel must be burned too rapidly the limited heating surfaces cannot absorb the heat liberated before it reaches the stack and is lost. A cheap system usually is inefficient. A good furnace should have a high ratio of heating surface to grate surface.

A chimney too small or too short is very undesirable. Sometimes chimneys located too close to high structures will back draft with the wind in certain directions. The remedy would be a higher chimney.

If you are considering building a new home you should consider the possibility of future additions before deciding on a heating system.

Remember that it usually would be advisable to have one slightly too large than one too small. If there is only a reasonable doubt as to adequacy you can possibly provide window stripping, storm sashes, or insulate the house and thereby possibly reduce the heat demands so they will be within the limits of your present system.

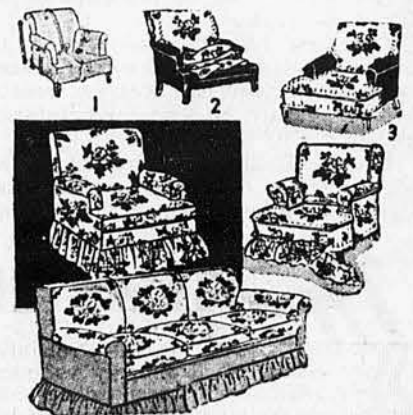
Up in Value

An original purchase 2 years ago of \$300 worth of Pawnee seed wheat, this year brought in increased value to Wabaunsee county of \$30,000, reports Howard Myers, county agent.

The original Pawnee seed wheat was purchased by M. W. Converse, who seeded 8 acres for certification. The wheat made 41 bushels an acre, and all of the production last year was distributed to 16 selected farmers in Wabaunsee county.

These growers agreed to certify, to seed after the fly-free date, and to resell all their production within the county. Every bushel raised in 1945 by the 16 co-operators sold as seed wheat for planting this fall.

Slip Cover Magic



Dress old chairs in new cheery slip covers. They will look like new and the fresh gay fabric will pretty-up the room. Various styles of slip covers are given in the directions, thus giving plenty of choice. Explicit step-by-step directions for slip covers of various types are given with instructions 7168.

Pattern 7168 may be obtained by sending 15 cents to the Needlework Editor, Kansas Farmer, Topeka.

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that's amazingly soft and gentle. And thanks to newly-designed hydraulic brakes, less toe pressure brings you smoother, soundproofed stops. . . . Production is going ahead rapidly. Ask your Ford Dealer now about the smartest Ford cars ever built. **FORD MOTOR COMPANY**



THE staggering job of feeding the civilized world continues without a let-up, even now. That's why you can't let up, either—this is the time your hard-working equipment needs special care most!

Quaker State HD Oil can be a mighty big help. Developed specifically for heavy-duty needs, Quaker State HD Oil contains an "invisible mechanic" in every quart — a remarkable cleansing agent that fights off the constant danger of sludge and varnish under tough operating conditions.

More and more experienced farmers are finding that, with

Quaker State's "invisible mechanic" on the job, many a costly, irritating breakdown is stopped before it starts!

Every drop of Quaker State HD Oil is skillfully refined according to a formula developed after extensive study and testing in Quaker State laboratories—and under actual service conditions—to ensure utmost stamina and quality.

You pay the price of good oil in the end. Why not start now to get the benefits of Quaker State HD Oil... the oil with the "invisible mechanic" in every quart! There's no better way to keep your precious equipment working harder, longer.

QUAKER STATE
HD OILS
 FOR YOUR TRUCKS AND TRACTORS
MOTOR OIL
 FOR YOUR AUTOMOBILE



MEMBER PENNSYLVANIA GRADE CRUDE OIL ASSOCIATION

Busy on School Problem

By DICK MANN

COMMITTEES of farmers and business men in every county in Kansas are busy these days trying to iron out the many knotty problems involved in the rural school reorganization program.

To get some idea of how they are getting along we called on county superintendents of Jewell and Mitchell counties, centrally located in the state and representative as to problems.

A. T. Menhusen, county superintendent of Jewell county, reports that all members of the reorganization committee there are farmers. Verne Parsons, Montrose, is chairman. Other members are Meyer Myles, Jewell; R. E. Bucknell, Webber; Clarence Gates, Burr Oak; and Dallas Abram, Randall.

Members of this committee have been making individual farm visits to discuss school problems and had held 7 meetings between April 7 and September 5.

Farmers generally, says Mr. Menhusen, know that something needs to be done and really are co-operative. However, the committee is going ahead slowly. Some of our school districts have 85 years of history behind them. You can't just throw them overboard without a lot of study.

Then Mr. Menhusen pointed out that the road program will take 15 years to complete. "The school problem is closely tied in with roads and we will do well to complete it in the 3 years allotted. In the long run it might be well to take a little longer, than to do a poor job."

School Enrollment Changes

Some idea of the complex problem in Jewell county can be seen by a comparison of rural school enrollment now and in the early stages of the county. At one time a single district in the county had as many as 70 pupils. Now there are only 421 rural pupils in the entire county, which has 99 school districts.

Both Mr. Menhusen and Raleigh Weir, county superintendent of Mitchell county, say the reorganization has increased work in their offices at least 50 per cent and that it will get worse. But they are happy with the work because they think it is constructive. Both men are farm-reared and have the farm outlook on reorganization. This will be true, says Mr. Weir, of a large percentage of the county superintendents.

The Mitchell county committee is drawn from both towns and farms in the county. L. L. Humes, of Glen Elder, chairman of the committee, is a farmer and former schoolteacher. Other members are Milton Broadbent, Beloit, grocer; W. W. Hazeltine, Cawker City, farmer; Harrell Guard, Asherville, farmer; and J. A. Black, Scottsville, farmer.

This committee has tentatively reorganized school districts for 80 to 85 per cent of the county. These tentative

districts were formed after interviews with farmers and following meetings 2 nights out of every week. When hearings are held on the changes there probably will be some additional adjustments, but Mr. Weir believes most of the new districts will stand.

"No changes were made without thorough consultation with the wishes of the farmers in those districts, and they seemed satisfied," Mr. Weir reports.

Only serious question being raised by farmers, says Mr. Weir, is on how roads will be provided. They don't mind having their children go longer distances to school if they travel on good roads.

No great difficulty has been experienced by either Mitchell or Jewell counties in working out districts that cross county border lines. Several meetings between county committees already have been held.

All efforts of these joint meetings are toward trying to work out districts that will benefit school patrons living in them. In some cases Jewell county will step across and take students from Mitchell county, and in other cases Mitchell county will benefit by adding Jewell county boys and girls.

Offers Some Tough Problems

H. D. "Dutch" Arend, Beloit merchant and a member of the state legislature that passed the school bill, says the Wheat Belt offers some tough problems for the future welfare of rural schools.

"For instance," says Mr. Arend, "many farmers out in this area either have moved or intend to move to town and will conduct their farming interests from town. The city of Beloit already has several applications from farmers who wish to build machine sheds and repair shops within the city limits so they can bring their farm machinery to town during the winter for repairs."

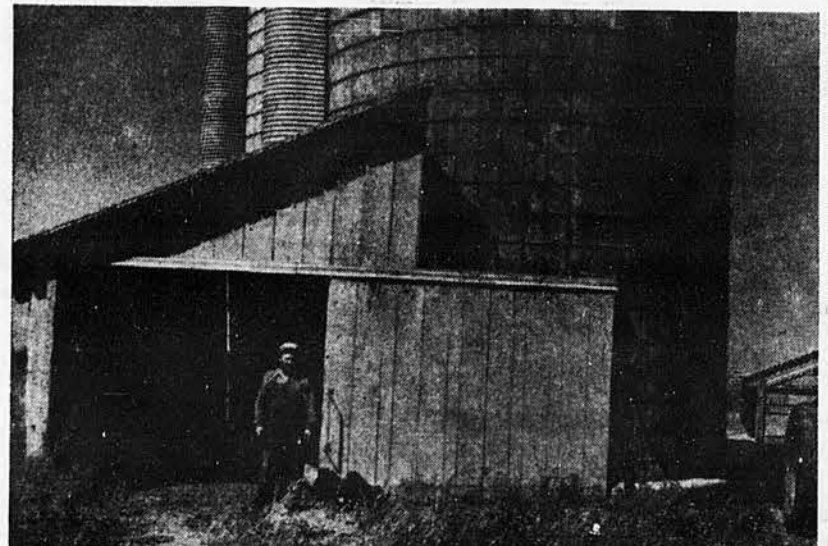
Unless something can be done in the next few years to equalize school and other benefits in rural areas with those in towns, there won't be enough farmers left on the land to have schools, think some officials.

No one seems to know whether improved secondary roads will increase the trend toward farming from town residences or whether good roads, plus rural electrification, will start a trend back to the land.

Towns in the Wheat Belt, like Mankato and Beloit, are looking forward to making their counties more self-sufficient. Beloit, for instance, now has an alfalfa dehydration plant and will have a large feed mill using a good share of the meal from the plant.

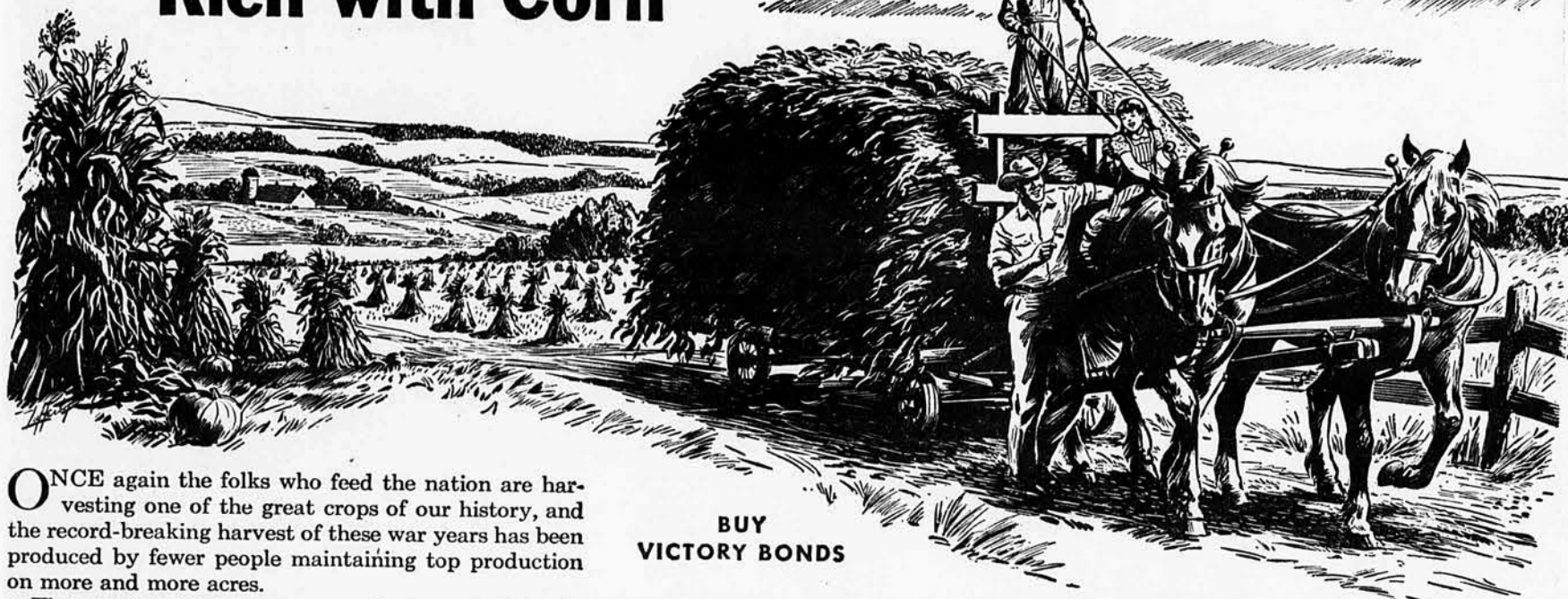
"What we need," says Mr. Arend, "is to process more of our raw products at home to cut down the overhead of farming. With this advantage, plus good roads and electricity, there will be more inducement for farmers to stay on the land."

A Good Way to Save Feed



This shed, built around the feed chutes on a double silo on the farm of Dewey and Kater Adams, Mitchell county, has more than paid for itself in feed saved. Without the protection of this shed these 2 farmers say they would pitch about 1½ tons of silage for every ton hauled out. Protective covering around the chutes also makes the job more pleasant and warmer during cold weather.

Up from the Meadows Rich with Corn



BUY
VICTORY BONDS

ONCE again the folks who feed the nation are harvesting one of the great crops of our history, and the record-breaking harvest of these war years has been produced by fewer people maintaining top production on more and more acres.

The progress that has been made in agriculture in recent years is almost unbelievable—corn yields of well over 100 bushels an acre, a rarity a few years ago, are now common; the production of ton-litters of hogs in less than 6 months after farrowing is no great problem now; hens that lay more than 200 eggs a year are not hard to find; and there are dairy cows with records of well over 30,000 pounds of milk and 1,000 pounds of butterfat annually.

All of these advances in the production of food have played an important part in the building of America to its present greatness and to victory in this war.

Back in the days of George Washington, one farm family was able to produce enough food for itself and one other family. Today each farm family in America can produce its own food and enough for 19 other families. This tells the story of the American harvest. And it is a story unique in world history.

We at Swift & Company salute our farmer and rancher friends for their great achievements and we are proud to have had a part in the preparation and distribution of the fruits of the harvest to Americans everywhere.

MEET THE WINNERS! Hundreds of letters were received in our contest for the best letter on this series of Swift advertisements. The judges have awarded first prize of \$50 to 2nd Lt. Carroll M. Kester, 33rd Infantry Regiment, Camp Livingston, La., \$25 to Mrs. Carl J. Bachmann, Barberton, Ohio, \$15 to Mrs. Charles W. Voorhees, Trenton, N. J., \$10 each to Virginia Jean Potts, Philadelphia, Pa., Harold E. Marsh, Winona, Minn., Daisy McCutcheon, Dillon, S. C., Doris Reim, Covington, Okla., Mrs. Edward Seigel, Wheat Ridge, Colo., Mrs. Paul Norris, Grinnell, Iowa, Mrs. James Lennox, Indianapolis, Ind.



SOFT CORN INTO HARD CASH

Corn that gets "cooked" by frost before it matures is still valuable feed, especially for cattle. Here are several ways to turn soft corn into hard cash, listed in the order of their value to the feeder: (a) Make ear-corn silage. (b) Feed ears with stalks, chopped or shredded. (c) Turn cattle and hogs into standing corn. (d) Leave in field and pick ears as needed rather than risk spoilage in storage.

Three main precautions in feeding soft corn are: (a) Change to soft corn ration gradually. (b) Feed a protein supplement. (c) Feed before freezing weather, if possible.

We'll be glad to tell you where to get detailed information on soft corn feeding. Write Swift & Company, Department 128, Chicago 9, Illinois.

THE EDITOR'S COLUMN

When the war began, Swift & Company adopted the following wartime policy:

"We will co-operate to the fullest extent with the U. S. Government to help win the war. We will do everything possible to safeguard the high quality of our products. Despite wartime difficulties, we will make every effort to distribute available civilian supplies to insure a fair share for all customers everywhere."

Under the present conditions, meat packers know that there is no profit advantage in shipping meat long distances as compared with selling it nearby. OPA regulations set prices, by zones and areas, that meat packers may charge for beef, lamb, veal and pork.

The United States is divided into ten zones for beef, lamb and veal and five for pork. Each has its own base price for each kind of meat. Additions to the base price are allowed for transportation and local delivery. These allowances are the very minimum and in many instances do not cover the actual cost of transportation, icing, and shrinkage.

Consequently, meat packers are better off when they sell close to their producing plants. In general, the net money they receive is greater the closer to the plant the sale is made. But despite this, Swift & Company has voluntarily adhered to its wartime policy of fair distribution. Starting in July 1945, all meat packers were required by OPA regulations to distribute their meats to the same areas they did the first three months of 1944.



F.M. Simpson.
Agricultural Research Department



QUALITY FORAGE PROVIDES CAROTENE By G. BOHSTEDT University of Wisconsin

Few feeds are as healthful and profitable for young stock, breeding stock and fattening stock as really leafy green hay and well-preserved silage. Not only are they good feeds in their own right but they enable your animals to make the most of corn, grains, and concentrates in the ration fed.

Carotene, the parent substance from which vitamin A is produced, is one of the important nutrients found in leafy green hay and other forages. It serves an essential life and health purpose in the bodies of animals. When animals

are on lush pasture, or when fed leafy green roughage of any sort, they store carotene in the liver and other body tissues.

Even splendid feeds like corn and oil meals are short of carotene. It is also lacking in corn and sorghum fodder, straw, discolored hay and off-grade silage. Unfortunately, all too much hay and silage is of this kind. So, even though your animals get their fill of corn and oil meal, they may develop carotene deficiency symptoms which will retard full growth and development unless sufficient leafy roughages are fed.

EGGS IN HASH NEST

By Martha Logan

Combine 6 cups ground cooked beef or lamb, 3 cups mashed potatoes, 4 tablespoons minced onion, 1 1/2 cups top milk. Melt 8 tablespoons fat in skillet and cook hash until heated through. Season to taste. Shape hash in patties and place on greased shallow baking pan. Make a hollow in the center of each patty. Slip an egg into the hollow and season with salt and pepper. Bake in a moderately slow oven (325° F.) for 20 minutes.

Swift & Company UNION STOCK YARDS
CHICAGO 9, ILLINOIS

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Right Eating Adds Life to Your Years, and Years to Your Life



HELLO, CHILDREN!

My name is "The Story of Soil." I and my brother, "The Story of Plants," belong to

the family of Swift's Elementary Science Booklets. I think you would like to know us. We have swell stories to tell, with lots of pictures. If you would like to have us for your very own, print your name and address on the margin of this page, tear it out, and send it to F. M. Simpson, Agricultural Research Department 128, Swift & Company, Chicago 9, Illinois.

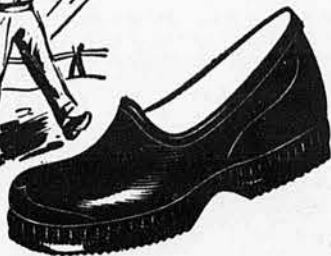


"THAT RED BALL HAS ALWAYS MEANT HONEST VALUE AND SERVICE TO ME"

"THANKS, BILL... THAT'S WHY I ALWAYS DISPLAY THE RED BALL SIGN"

Your BALL-BAND dealer has done an outstanding job of supplying you with footwear during these difficult and critical war years. Surely we all owe him a sincere vote of thanks for a job well done. It will pay you to shop at your BALL-BAND store—the one where you'll see the familiar RED BALL. It is your constant assurance of honest value and dependable service.

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REG. U.S. PAT. OFF. 1939

BUY VICTORY BONDS

Farms Need Fire Trucks

And Here's How to Go About Getting Them



Thru planning before the fire, the work of firemen when they arrive is simplified. Suppose you needed help. Wouldn't it be fine to be able to call for experienced help and good equipment?

FIRE! Come quick, our house is burning! When a frenzied message of this kind is screamed over country telephone lines, it usually is too late to save the building unless that community has some organized system of fighting fires. Unfortunately, few communities have any such organization, altho the fire hazard is now greater than ever before.

This suggests that hundreds of Kansas farm communities need some form of protection. It is a problem that people of each community must figure out for themselves, but some worthwhile pointers come from our neighbors in Missouri, where the people of St. Charles county have a systematic plan that holds fire losses to a low score.

A good example is found in the fire department at Saint Peters, a town with fewer than 250 population. In protecting the property of that community, farm people and small-town folks help one another. Farmers help finance the town's fire department. They join in the job of providing more and better equipment.

In return, the town officials join in a plan to use that equipment for protecting property thruout the surrounding countryside. The fire chief there is a young fellow, named Bernard Iffrig, who has given considerable thought to the matter of controlling farm fires.

He explains that the Saint Peters fire department was founded 40 years ago. At that time a hand pump bought for the department could be pulled either by manpower or by a team. In 1932, after contacting everyone in the community, enough money was raised to purchase a motor apparatus. That was the start of a community department there, instead of the "city" department.

Then, 4 years ago, the community added new equipment to insure full safety for its inhabitants. They purchased a new pump, mounted on a new

truck. It gave more speed and more efficiency, so a larger territory could be safely covered. As a result, the calls for farm fires increased rapidly.

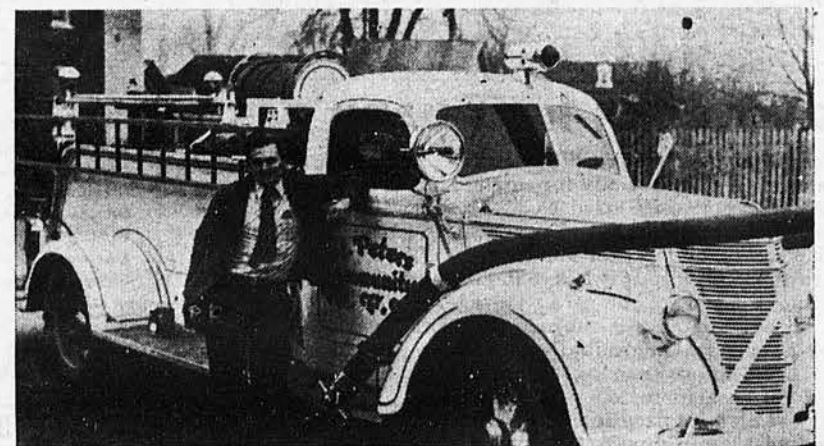
At first Chief Iffrig and his assistants had trouble locating some of the farms. So in January, 1941, they set up a map covering the entire community of 90 square miles. They located every farm home and obtained valuable information regarding the type of water supply, where it is located, type of buildings on the farm, and the kind of road to the farm.

The first map was a large one. It showed every home and every road. The community was divided into districts and each house was given a number. Each home owner was instructed on how to report a fire at his place. Then a smaller map was made and placed in the cab of the truck. It rolls down like a window shade and is always available to help the drivers find a farm fire.

The department makes no charge for a farm run. Donations and a street social each year provide adequate funds to keep the department in operation. During 1942, these 2 sources provided \$2,000 for the Saint Peters fire fund. Response to all fund drives is miraculous, because farm people and town people alike look to the active fire department as an essential home protector.

Last year, 30 to 40 fires were "attended" by the Saint Peters fire fighters, and they learned a lot of things about taming farm fires. After getting to the fire there have been difficulties in finding water supplies, getting the truck to the building and such like.

From these experiences Mr. Iffrig has gathered some practical suggestions for farm property owners. He says to keep a ladder, a few buckets, an ax and a handy fire extinguisher in some handy place. These will help keep the fire under control until help



Pride of Saint Peters, population 250, is this fine, speedy fire truck, being shown off by the chief of the volunteer department. This truck serves a community of 90 square miles, and makes runs to farm fires at no cost to farmers.

arrives. If a fire truck is available, call it in time—and then clear a path to your best and largest water supply.

County agents have been extremely helpful in organizing the rural fire departments of Missouri. In St. Charles county, R. A. Langenbacher encouraged organization for fighting rural fires. He, too, has learned a lot about this type of fire fighting, and he has some helpful suggestions.

Mr. Langenbacher visualizes a community organized so well for fires that there will be little confusion at the scene of a fire. One man in each neighborhood, he says, could be appointed to see that the truck can get to the water supply. Another might see that all windows and doors are kept closed to help hold the fire under control while help is coming.

Other men could be assigned to the various other duties, and an alternate should be selected for each man. Mr. Langenbacher says the hose job should be reserved for young, able-bodied men, capable of lifting and moving

rapidly in the crisis of home fire fighting.

There is a big field for Kansas rural communities to enter in the job of fighting farm fires. At present little work of this kind has been done in our state because the idea of co-operation between farmers and town people along this line has not been developed. Many town fire trucks are prohibited from leaving the city limits. In other towns a "run" to the country would require so much red tape that the building would burn before the truck could leave.

But farmers in many Kansas communities are thinking along this line. They realize it is the farmers' job to offer co-operation to town groups before the town fire departments will be interested in fighting farm fires. This means helping the town department buy another truck, or providing funds to help them exchange for a speedier, more efficient truck that can cover country territory and still offer full protection to the people in town.

Everybody Was Surprised

That Kansas State Fair Did So Well

A RECORD crowd of visitors at the 1945 Kansas State Fair, Hutchinson, agreed the event was almost unbelievably good, considering the short time officials and exhibitors had to prepare for it. Crowds during the week outnumbered all previous attendance records by 15,000 despite a rain-storm that closed most activities early Friday evening.

Entries in the crops department were much lighter this year than normal, but quality was good, according to E. A. Cleavenger, superintendent. Wyandotte county again won the county booth display for the third straight year.

The beef show was nearly up to normal in both numbers and quality. Only the Shorthorn show was disappointing from the standpoint of number of entries. Most animals, of course, were entered by Kansans, but there were exhibitors in the beef show from Missouri and Texas.

An outstanding dairy show was held this year, with a total of 319 head shown. This included 88 Holsteins, 62 Jerseys, 35 Guernseys, 21 Brown Swiss, 65 Milking Shorthorns, and 48 Ayrshires.

Most unusual was the fact that there were 7 "excellent" cows exhibited and not one took a championship. It was the first time in the history of the Kansas State Fair, and perhaps in the Midwest, that so many "excellent" cows were shown, reported Jim Linn, superintendent. A. C. "Whitie" Tomson, manager of the Willow Springs Ranch, of Mount Morrison, Colo., said he never had seen such tough competition except at the Dairy Cattle Congress. He

brought a large herd of Holsteins to the fair for the Willow Springs Ranch.

Carl Elling, superintendent of the swine and sheep departments, reported that hog entries were about three fourths normal and sheep entries about two thirds normal, with quality as good as ever.

Most of the decrease in entries was due to lack of out-of-state exhibitors, said Mr. Elling. Kansas entries were about normal. There were sheep exhibitors from Missouri and swine exhibitors from Illinois, Nebraska and Oklahoma.

The 4-H Club exhibits were very fine and competition was keen in all departments.

Largest machinery show since start of the war greeted farmers this year. Last year there were only 11 machinery exhibitors. This year there were 31 exhibitors and each had more to show. Many of the machines shown, however, were lent to the companies by farmers.

The Hutchinson Foundry and Steel Company, representatives for Allis-Chalmers implements, said mechanical corn pickers seemed to be the number 1 interest of farmers, probably because of the season. Company representatives were impressed by farmer interest in equipment for leveling land and filling in washed-out places. Soil conservation seemed to be uppermost in farm planning, stated representatives. All types of front-end loaders on tractors interested the farmers.

Hay machinery and corn pickers got most attention at the International Harvester Company exhibit, said representatives, altho there was a lot of interest in the I. H. C. self-propelled combine.

The machinery show this year was different because there were several implements and attachments designed and manufactured in Kansas on display.

Laborsaving Show

A laborsaving machinery exhibit will be held October 19, at the Free Fair grounds in Topeka, it is announced by Kansas State College, which is sponsoring the event. It will be the first exhibit of a series to be held over the state.

Small displays of laborsaving devices will be shown in the agricultural building on the fair grounds. Tractors and larger implements will be exhibited outside the agricultural building.

Both commercial and homemade devices will be shown, and Kansas State College engineers will be on hand to demonstrate them. Any farmer having a laborsaving machine or attachment is invited to bring it in for display.

On Right Date

Gov. Andrew Schoeppel says that the fourth Thursday, November 22, will be observed in Kansas as Thanksgiving Day.

The Governor said he wants to stick with the date set by Congress in order to avoid the confusion resulting from two Thanksgiving holidays for Federal employees.

Highest prices for railroad ties

OPA authorizes top prices to step up production

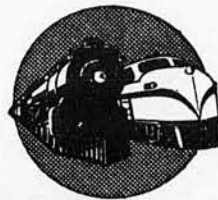
The railroads urgently need crossties. They are needed now — will be needed regularly to enable the railroads to continue meeting the need for vital transportation.

Demand has outstripped the supply from usual sources. So we ask American farmers to help.

Cut and sell some of your timber. Even if you have only a few dozen trees of right size and kind, it will help relieve a critical situation.

Prices are good — increase your income — cut now.

For exact details get in touch with your railroad agent or your nearest tie producer or contractor.



AMERICAN RAILROADS

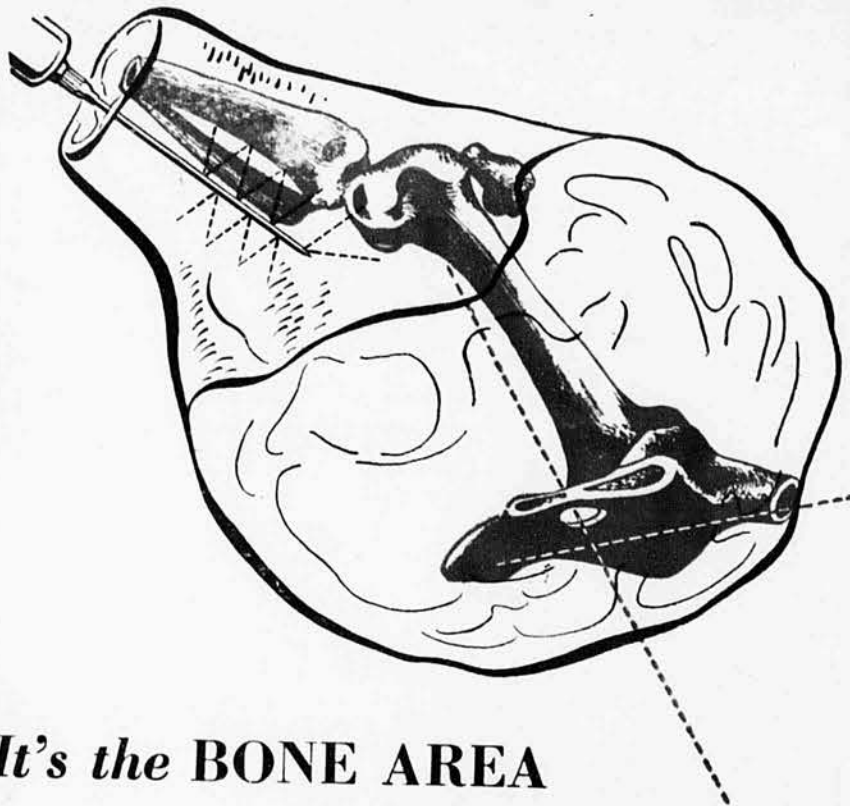
You Are Invited

The new Secretary of Agriculture, Clinton P. Anderson, will be a featured speaker November 9, at Manhattan, during a 3-day conference of industrial and agricultural leaders, it is announced by Milton S. Eisenhower, president of Kansas State College.

The conference, first of its kind in Kansas, will be known as Industrial-Agricultural Week at Kansas State College. Dates are November 8, 9, and 10. Sponsors are the college, the Kansas Industrial Development Commission, and numerous industrial and agricultural leaders.

Industrial development in Kansas will be stressed at the sessions. Topics will include: New industries in Kansas, impediments to industrial development in Kansas, what the new freight rates will mean to Kansas industry, research for small industries, and industrial-agricultural problems requiring immediate attention.

Aim is to establish an annual Industrial-Agricultural Week as a modern and essential counterpart of Farm and Home Week.



It's the BONE AREA you should cure first

ALL the tang, the mouth-watering goodness, the keeping qualities of your season's meat depend upon what happens in the bone area. The meat around the bone is rich in flavor. However, it's the meat most likely to develop souring and off-flavor.

The Morton Way of curing helps put your meat on the safe side quickly . . . starts the cure at the bone.

Morton's Tender-Quick, dissolved in water makes a fast-acting curing pickle. Pumped into the meat along the bones, it immediately starts the cure at the most vulnerable spot—the bone area. Then, rub the outside with Morton's Sugar-Cure. This sugar curing salt strikes in, curing toward the center and gives your meat an unmatched flavor of rich, wood smoke.

The result is a safer, surer cure, uniform from rind to bone, no off flavor, no bone-taint, no waste — meat that is sweet, firm, tasty, with the last ham of the season's cure tasting just as good as the first



INSIDE . . . helps prevent bone-taint, off-flavor, under-cured spots, giving a safer, surer, more uniform cure.

FIRST . . .

Dissolve Morton's Tender-Quick in water and pump into hams and shoulders along the bones. This rich, fast-acting curing pickle starts curing . . .



long keeping quality, and the rich, wood-smoke flavor you like.

THEN . . .

Rub with Morton's Sugar-Cure which strikes in, curing from OUTSIDE toward the center . . . giving you a thorough cure, . . .

Cure meat the safer, surer MORTON WAY



Finest Home-Curing Book ever published . . . more than 100 pages, 10 cents Postpaid.

Over 200 pictures, charts, diagrams — complete directions on how to butcher, cure, make sausage, Canadian bacon, corned beef, and other meat specialties. No other book like it! Send 10¢ in coin today.



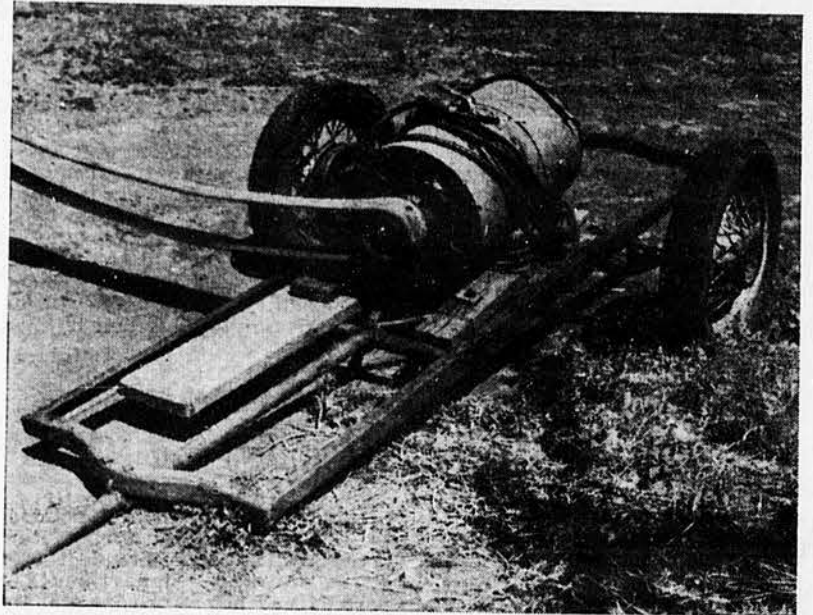
MORTON SALT COMPANY
CHICAGO 4, ILLINOIS

Repairs Made Right in the Field

WHEN machinery breaks down on the Ernest Adcock farm in Atchison county, it doesn't mean a trip to town. It usually doesn't even mean taking the machine out of the field.

Mr. Adcock solved this problem with a portable electric welding outfit. The welder is mounted on a wood frame,

which, in turn, is mounted on a 2-wheel trailer made from the chassis of a car. This welder can be hooked behind a car, truck, or tractor, and taken directly to the field. Once there the generator on the welder is operated by running a belt over to the tractor-belt pulley.



A portable electric welder, mounted on a car chassis, makes repairing of farm machinery in the field a quick job on the farm of Ernest Adcock, Atchison county.

Bluestem Gains Show Up Well

SUMMER grain feeding on grass is not as efficient as gains on bluestem, conclude E. Stratton and Son, of Wabaunsee county, following an interesting feeding experiment this last year.

Last fall the Strattons purchased 100 head of mixed New Mexico calves and wintered them on a full feed of silage and 1 pound of cake a day a head. Average weight when purchased was 550 pounds for the 50 steers and 500 pounds for the 50 heifers.

Around March 1 the heifers were put on a limited acreage of brome grass (50 head to 25 acres) and given 3 pounds of grain daily. Grain consumption was increased gradually until the heifers were getting 18 pounds each daily.

At grass time the steers went on bluestem. One carload was sold off grass to a Pennsylvania feeder for \$15 a hundredweight, weighing an aver-

age of 900 pounds. They brought a gross of \$135 a head.

Steer cost was \$69 and wintering and grazing cost \$31 a head. This load brought a profit of \$35 a head.

A load of the grain-fed heifers was sold on the market a week later. The 21 head weighed an average of 808 pounds and sold for \$15.75 a hundredweight. Heifer cost was \$58 and the total feed bill to the heifer was \$59.50. Net sale was \$127.26 for a profit of \$9.76 a head. No pasture cost was figured on the heifers.

This was the second time the Strattons had made this kind of a test, and both times the big profits came on those sold off grass without grain feeding. Mr. Stratton said the difference in profit would not have been so great had the steers sold on the open market, but he figures the heifers would have sold at \$2 a hundred under the steers altho handled the same.

Will Handle 100 Bales

WHEN Luther Brockhoff constructs a farm implement in his modern farm shop in Brown county, he expects it to stand up under the hardest kind of use.

One of his handy products is a 2-wheel trailer for bringing in baled hay.

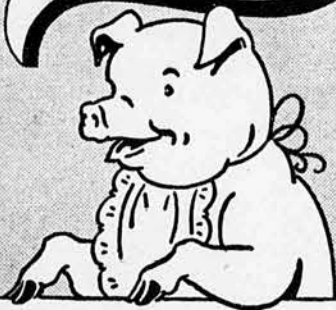
The axle of this trailer was taken from a truck, cut in half and extended to 8 feet, over-all width of wheels and axle. The axle was braced with two

5-inch channel irons, one on each side. Three 5-inch channel irons, laid lengthwise, and 2 crosswise to form an X, were used as a frame for the trailer. The tongue also is a 5-inch channel iron boxed in with two 1/4-inch plates on the sides and an extra half-inch plate underneath. Two more 5-inch channel irons angle out from the tongue back to the frame in a V to give added strength.



Luther Brockhoff, Brown county farmer, in foreground, looks over hay bale trailer constructed in his farm shop. His brother, Howard, is standing on the trailer. Fourteen feet long, the trailer will handle 100 bales.

The Boss found out
it's a good idea
FEEDING US HOGS
LEWIS' LYE



Do as thousands of successful farmers everywhere are doing—feed Lewis' Lye from the time pigs are weaned until slaughter.

Don't take chances with your hogs' health! Help neutralize harmful acids in slop or swill, and alkalize feed with Lewis' Lye.

Experiment station tests indicate feeding lye helps increase digestibility of oat and barley hulls, helps hogs obtain more nutrition from feed.

Demand genuine Lewis' Lye. It is double-refined, and double-checked for purity by scientific spectrographic analysis.

Rely on Lewis' Lye.

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hog feeding and other farm
sanitation and home uses.



For Better Farm
Sanitation
Rely on **LEWIS' LYE**

When Your "Innards"
are Crying the Blues



WHEN CONSTIPATION makes you feel punk as the dickens, brings on stomach upset, sour taste, gassy discomfort, take Dr. Caldwell's famous medicine to quickly pull the trigger on lazy "innards", and help you feel bright and chipper again.

DR. CALDWELL'S is the wonderful senna laxative contained in good old Syrup Pepsin to make it so easy to take.

MANY DOCTORS use pepsin preparations in prescriptions to make the medicine more palatable and agreeable to take. So be sure your laxative is contained in Syrup Pepsin.

INSIST ON DR. CALDWELL'S—the favorite of millions for 50 years, and feel that wholesome relief from constipation. Even finicky children love it.

CAUTION: Use only as directed.

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SENA LAXATIVE
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STAMMER? GET THIS **FREE** BOOK!
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We Need a Little Fixing Up

By JAMES SENTER BRAZELTON

THE farm home should be more than just a place to eat and sleep. Now that the war is over, maybe we can give a little more attention to the farmstead as the center of living. No longer do we need to feel that our every move must be directed toward the production of food. Now would be a good time to do a little fixing up around the place while prices of things we have to sell are still high.

It is true that houses definitely reflect the character of the folks who live in them, and farmers as well as others are often judged by the appearance of their homes. Passers-by on the road very seldom see you but they see the place where you live. The farm home and its surroundings can be made a source of satisfaction and pride to every member of the family. In the days ahead let us devote some of our time to better living as well as better farming.

There are certain things that can be done to improve the attractiveness of the farmstead without the expenditure of any money. The first of these is to clean up. By that I mean pick up scattered boards and rubbish, mow the weeds and get farm machinery under cover. Neatness is something that can be accomplished without any outlay of cash. One essential for a beautiful yard is to keep all livestock and poultry fenced. Chickens roosting on the kitchen doorstep are unsanitary to say the least.

Keep Lawn Open

A neatly-clipped lawn will do more toward contributing to the attractiveness of your place than any other thing you can do. A lawn mower is a good investment, and if you do not already own one it would be a good thing to have on your must list when they are to be had again. For spacious lawns lightweight power mowers that the womenfolks can operate may be bought now for around \$85. A carpety-smooth lawn, not cut up with walks, drives or flower beds will be the pride of the whole family.

It once was quite the thing to have your front yard filled with flower beds and decorated with cast-iron dogs and deer. Modern home grounds are not like that. The idea now is to have an open lawn with shrubs on the boundary lines and at the entrance, and low-growing plants along the foundation of the house. Shrubs around the house tend to blend it into the landscape. They are ideal for screening off unsightly views.

Shade trees are used to frame the house and unify the whole farmstead. They should be used judiciously, however: Have enough of them to provide adequate shade, protection and beauty but do not have them so dense as to prevent a good growth of grass, shrubs and flowers. A common fault in planting shade trees is to get them too close to the house, making it gloomy, damp and uninviting inside. For best effect they are planted in groups or single specimens and never in straight rows. Trees should not be planted directly in front of the house so as to obscure it from the road.

But the effect of velvety lawns, flowering shrubs and stately trees is lost if the house and outbuildings cry out for a coat of paint. Nothing adds to the general appearance of orderliness like well-painted farm buildings. Depreciation can be cut squarely in two if they are kept in good repair and painted regularly. The farmer does not have to hire expensive union labor to do his painting. As yet he can do the job himself without fear of being told he is infringing upon someone's rights. Now that the womenfolks are accustomed to working out of doors some of the painting can be expertly handled by them. Fall is an ideal time to paint.

Let Whole Family Help

Tidying up the place is not a one-man job or a one-woman job. It is something that must be done co-operatively, and to get the most out of it and to really accomplish results everyone in the family must be interested and willing to do his share. Working at the home grounds to make them more beautiful will become a delightful and enjoyable hobby for the entire

family. Young folks growing up in the home will have a keener pride in it if they have had a part in the planting and care of shrubs and flowers.

To any reader who has been inspired to go out and get something done, and yet does not know just what to do or where to begin, I can think of no better help than Farmers' Bulletin No. 1087, "Beautifying the Farm Home," which may be had for the asking.

The cost of beautifying and improving the farmstead is not great when measured by its many benefits. Your children will have an ideal place to play, and in such an environment will grow up with an appreciation of the beautiful and finer things of life. Flowering shrubs, vines and trees cannot but help lift you out of the dumps when you come in tired.

Let your home reflect your success and prosperity, and let it present a picture of pride and contentment to the passer-by.

VACCINATE 'EM YOURSELF

IT'S SAFE, EASY AND COSTS LESS

Farmers have vaccinated more pigs with Anchor Serum than with any other brand of Anti-Hog Cholera Serum in the world.

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PHARMACEUTICALS

Dealers throughout the United States. Write for free booklet "VACCINATION SIMPLIFIED"

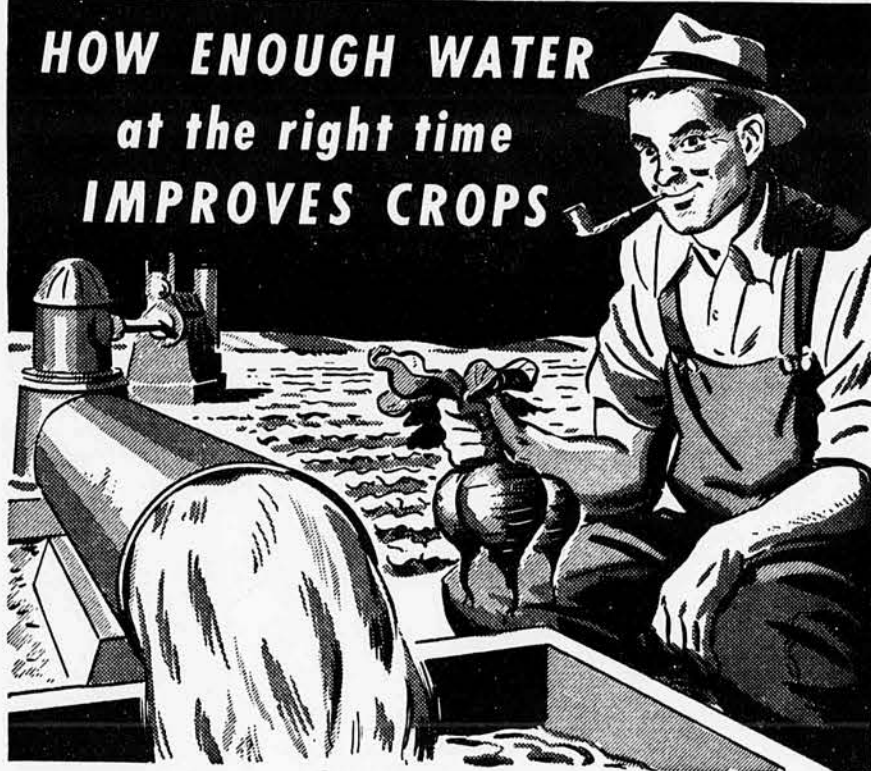


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HOW ENOUGH WATER
at the right time
IMPROVES CROPS



Before we start talking about irrigation, let's talk for a while about hogs. Give a hog enough corn at the right time in its growth and you know what happens. Corn to hogs is just like water to crops. Give crops all the water they need at the one right time in their growth when water does the most good, and you get more and better crops . . . a bigger return on your investment.

Only with irrigation can you be sure that your crops will get that water on the one day or during the one week when it really counts. That's why hundreds of farmers have learned that an investment in irrigation is the safest, most profitable investment they've ever made.

WHAT'S THE COST?

Your nearby Worthington Vertical Turbine Pump Dealer is a good man to turn to for advice. He'll tell you how much irrigation costs . . . how much it increases the value of crops and land.

WHY WORTHINGTON?

Cost of irrigation includes more than

just the cost of the pump. Power and upkeep costs are also important features. That's why it pays to buy the best pump . . . even if it costs a little more. Making more kinds of pumps . . . having more pumping experience than anybody else . . . Worthington knows how to make Vertical Turbine Pumps that keep water costs low and stay out of trouble. These pumps are made, tested and serviced in the Worthington plants in Denver, Colorado and Harrison, N. J.

GET BULLETIN H-450-B32

This bulletin is chock-full of facts about the features that keep efficiency high and upkeep costs low: bowl and impeller designs, column pipe and line-shafting strength, choice of lubrication and other features that prove *there's more worth in Worthington*. Ask your nearby Worthington Vertical Turbine Pump Dealer for Bulletin H-450-B32 or write direct to Worthington Pump and Machinery Corporation, Harrison, N. J., or 4747 Broadway, Denver 16, Colorado.

WORTHINGTON



WORLD'S LARGEST MANUFACTURER OF PUMPS

THEY DRESS THE Family

By FLORENCE MCKINNEY

NOT how much we have, but how well we use what we have," is descriptive of American ingenuity. During the war, farm women have repaired clothing and equipment and used substitutes, not the least of which are feed sacks. Some go so far as to say that they could not have kept house during the last few years without them. Even now, after the close of the war, there is almost no cotton yard goods. Feed sacks have been made into everything from slip covers for the living-room overstuffed furniture and window shades, to the countless types of clothing needed in a farm home.

With bare shelves in the cotton yard goods departments, where is there a better place to turn than to the feed sack? City women would be delighted with sacks for household purposes. The colors are lovely.

To get enough feed sacks alike to complete a tablecloth or a dress is the one and only problem. Father must be forewarned and instructed when he goes on a feed-buying trek. A neighborhood get-together sometimes helps where the interchange of sacks will complete sets. Regular club meetings are just the thing for this exchange.

The dress made and worn by Mrs. L. O. Jones, of Rose Hill, Butler county, was designed by the Bureau of Home Economics as a timesaver. It can be ironed double as it will lie flat on the ironing board. The one made by Mrs. Jones is made of 2 feed sacks of a floral design in orange, aqua and yellow on a white background. At the waist in the side seams are tabs which button toward the back, giving it a more or less snug fit. The skirt is wide to allow the wearer to work comfortably at all the tasks required of a busy farm woman. Mrs. Jones says definitely that it is the most comfortable house dress she ever owned, and that it is especially easy to iron. She got the commercial pat-

tern, made the dress and showed it to Vernetta Fairbairn, home demonstration agent. As a result of the promotion which followed, 200 other Butler county farm women have made dresses like it.

The Weltons, of Rantoul, Franklin county, use feed sacks in all sorts of ingenious ways. Mary Ann, who is a junior in high school this fall, is dressed for most occasions in "sacks" and well dressed, too. In the picture her peasant blouse is made from 1 sack, dyed brown with some hand embroidery applied as trimming around the neck and short sleeves. The full gathered skirt required 2 sacks of gay floral print in red and white flowers. The dress Mrs. Welton is wearing is several years old and still good. A narrow red pin stripe runs thru the white background. Three sacks were required for this dress. Judy's play suit was produced from 1 sack, a white background with yellow, orange and green flowers.



The Weltons, of Rantoul, Franklin county. Left, Judy in a play suit, Mary Ann in peasant blouse and dirndl skirt, and Mrs. Welton in a red pin-stripe model which she says is 5 years old, all made of sacks.



Mrs. L. O. Jones, of Rose Hill, Butler county, in a dress especially designed for ease in doing all kinds of housework and for easy ironing.

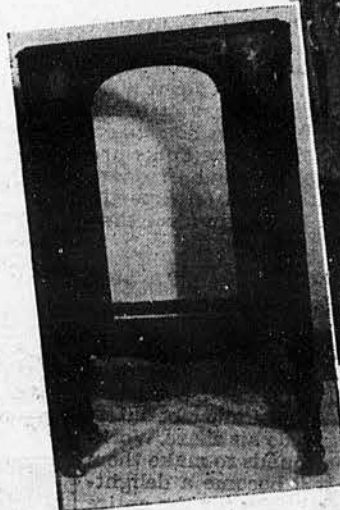
Glamorize Your Icebox!

DON'T fuss because you do not have a spanking new electric refrigerator. Thousands of homemakers are planning one sometime after manufacturing shifts from war to peacetime goods in earnest. Instead of bemoaning the lack of a lovely white refrigerator, the old icebox may be glamorized. Before any paint job starts, the removal of the old paint or varnish or whatever finish an article may have, is the most important step in the entire process. Remove it with commercial paint and varnish remover, then clean and wipe carefully with turpentine so that no particles of the old finish remain. Then, give the old brown oak icebox a coat of cream or light green paint—depending on the color scheme in your kitchen. A final coat of enamel makes for easier spot wiping, so add that final smooth coat.

When the undercoat is thoroly dry, sketch some designs of vegetables, covered dishes and a bottle of milk or some fruit. The designs may be copied from magazines, if your artistic talent does not enable you to design your own. If the door is paneled, the panel section may be painted a contrasting shade and then the designs added in white. Their own natural colors may fit in well with the remainder of your color scheme. The designing and painting will be both fun and will be enjoyed by all the family. When your task is done, your icebox will be the highlight of the kitchen and admired by your friends.

In the kitchen shown here, the cabinet above the icebox was once the radio cabinet shown in the smaller picture. Now, with the legs removed, the cabinet fitted with shelves, and painted to match the icebox, it's a handy place for spices and other small kitchen items. Can't you picture this kitchen with creamy-yellow walls, shelves, icebox and cabinet; dark blue linoleum, shelf edges, panels on the icebox doors and jolly decorations in

blue and yellow on the breadbox and canisters? Blue-and-white candy-striped curtains at the windows or blue-and-yellow—either will make a perfect finish, and a chair or two painted blue a nice accent. Painting these pieces will necessitate the use of several brushes, at least 2 small ones for making the designs and at least 1 large one for the large areas. Good brushes help enormously in doing a good job. For the small designs a camel's-hair water-color brush will serve very well. You can use a brush with a hair tip about 3/4-inch long for almost any kind and size of decoration. Be certain in selecting this brush that the hairs form a point and do not have hairs which stick out at the sides.—L. P. B.



An old radio cabinet, dismantled, legs removed, shelves added, and with paint applied, presto! It's a perfect kitchen cabinet to hold the spices.



The old-fashioned icebox glamorized with paint and homemade designs. Make your own or look thru magazines for ideas. Let this last until your electric model arrives.

News to You?

Readers' Ideas That Lighten Work

I PAINT snap clothespins to harmonize with the sash curtains in the kitchen and bathroom," writes Mrs. W. D. Wright, of Wichita. "I use them instead of regulation tiebacks. When they are not in use, I snap them onto the shade, ready to use again."

"When we moved our potato patch," writes Mrs. R. E. Lofts, of Girard, "we didn't have a gate, so a stile was built over the fence. It certainly saved tears in our clothing and the steps, too, can be used in some other needed place."

Vera Neely, of Winterset, Iowa, writes, "If you have trouble keeping track of the pattern guide or instruc-

tion sheet when sewing, place a board on the wall just in front of the machine, and pin the direction sheet down with thumbtacks."

"A storage chest in the kitchen just the height of a chair works fine for me," says Mrs. P. C. S. "My husband made this for me 3 years ago. It is 18 by 16 by 36 inches, painted an ivory to match the other kitchen furniture, and inside I keep the socks to be darned, unironed pieces of clothing and often have a rug there on which I am working."

"But the idea also involves my kitchen radio and the alarm clock. I set the alarm clock for programs I wish especially to hear, get out my work and when it is finished, it is easily put away. The ease in beginning and putting it away is the efficient feature of this combination. Another backsaver is the bench on the back-porch. This bench holds the tubs on washday, and also serves for storage of overshoes and work gloves. Hinges on the lid make this usable."

It may be some time before men's work gloves are back on the market but Mrs. Lilly Daniels, of Fulton, has a substitute. She writes, "I decided to make some at home, so I ripped up an old glove for a pattern. As the cuff usually is in good condition I sewed the old ones onto the new gloves. I have made several pairs from extra-heavy feed sacks but denim, ticking or scraps of outing flannel will do as well. We use these for husking corn."

Peach Butter

SAVES SUGAR SUPPLY

Peach butter stretches sugar almost twice as far as jam or jelly. So, for a spread that's thrifty, put up a few jars of peach butter when September peaches are plentiful.

Imperfectly shaped fruit that is still sound, or even firm portions of the culls, are suitable for peach butter. Sort, wash, peel and pit the peaches. Cook them without water, perhaps just a few drops to start the cooking process. Stir constantly. Press thru a colander, then thru a finer sieve. Use about half as much sugar as fruit or even a little less, depending on the sweetness of the fruit. Add a scant

How to Use Feed Sacks

An excellent 31-page bulletin entitled, "A Bag of Tricks for Home Sewing," is now available to all readers. This bulletin contains many illustrations and directions for making everything from cotton bags—dresses, underwear, aprons, luncheon sets, bathroom items and dozens of other articles. For a free copy of this bulletin write to the Farm Service Editor, Kansas Farmer, Topeka.

one eighth teaspoon of salt for each quart of butter. Boil rapidly, stirring constantly to prevent scorching. As the butter cooks down, reduce the heat. When thick, test by pouring a little on a cold plate. Cook until there is no rim of liquid around the edge of the peach butter when it spreads on the plate.

Stir in some spices if you like their flavor, about one fourth to one half teaspoon for each quart of butter. Clove, cinnamon or mixtures of these are good with peaches. It is a bit better to tie whole spices in a bag and cook for a few minutes.

Many in Blue Cross

The Blue Cross hospital service has 400 farm family members in Butler county, probably the highest in Kansas. The program is sponsored by the Butler County Farm Bureau.

Thread Seasoning

Bay leaves or garlic to be added to soup or stew should be strung on a white thread. Tie the ends of thread together and when it is time to remove the seasoning, simply fork it out.—Hilda Kleinsorge.



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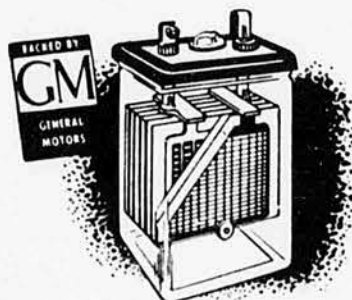
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These Tannerville 4-H Club Folks
Are Outstanding Winners at Fairs



Members of the Tannerville 4-H Club. Back row, left to right: Reva Obrecht, Iris Orsborn, Mrs. Jesse Rickstrew, project leader, Betty Tanner, Doris Wilson, Betty Rickstrew, Valdimere Domeny. Middle row: Virginia Obrecht, Delta Vilven, Dorothy Tanner, Ruby Welter, Kathleen Wilson. Front row: Bonnie Coleman, Ramona Wilson.

THE Tannerville 4-H Club members, of Pottawatomie county, are consistent winners at local fairs this year. Clothing is the major project and 14 of the 16 girls carry one or more phases of clothing. Regular project meetings are held every 2 weeks at the homes of the various members. Mrs. Jesse Rickstrew is the project leader and Iris Orsborn is assistant leader. Mrs. J. W. Tanner is the girls' leader for the club.

Fitting, finishing, choice of material and care of clothing are given special attention at the project meetings.

The girls are organized in formal club fashion, elect officers and follow correct parliamentary rules at the business meetings. It is traditional to elect younger girls as officers for the practice gives them valuable training for the mixed 4-H Club meetings which follow. The Tannerville Club has held regular meetings since its organization 11 years ago.

At each meeting some form of recreation is planned and special activities include an evening party and an all-day picnic and swimming party.

For the county fair held at Onaga, their club clothing booth placed in the blue-ribbon group. It illustrated the necessary equipment for a successful clothing project. Clothing which the girls had made lined the walls. At this fair, there were 49 entries from the Tannerville Club, 12 received blue ribbons, 22 red and 10 white ribbons. Seven girls entered the style revue and Iris Orsborn won the reserve championship.

Other projects carried by the girls include food preparation, home improvement, food preservation, poultry, garden, sheep, and 8 members are carrying junior leadership projects. All of these were represented at the fair.

Officers are: Doris Wilson, president; Dorothy Mensch, vice-president; Virginia Obrecht, secretary; Betty Rickstrew, reporter; Bonnie Coleman, song leader; Dorothy Ann Tanner, pianist; Ruby Welter and Valdimere Domeny, recreation leaders.

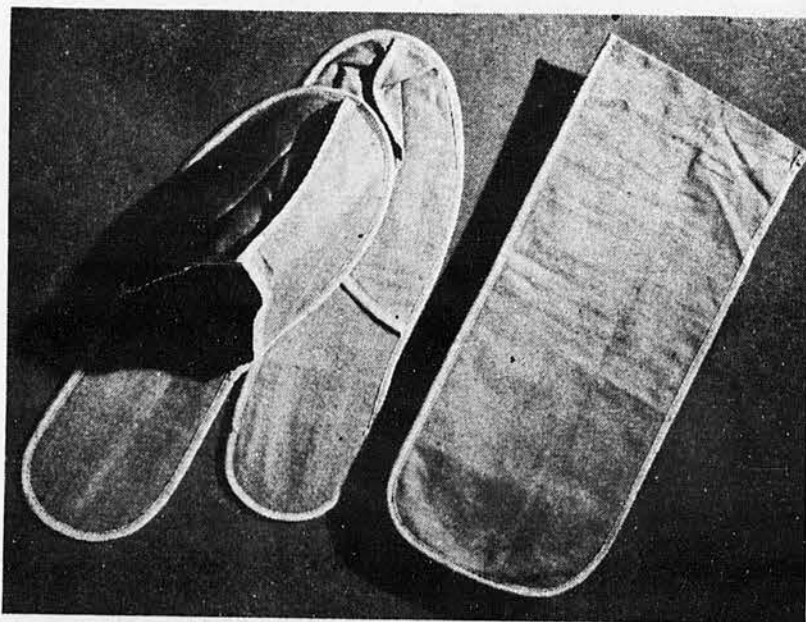
Hidden Word Game

For any October party try this hidden word game suitable for the month. All answers start with oc.

1. What do we call a choir of 8 voices?
2. What native yellow earth of iron and clay is used as a pigment and paint?
3. Name the 10th month of the year.
4. What is composed of 8 notes?
5. A great body of salt water that covers about two thirds of the earth's surface.
6. When you are in between 80 and 90 years old you will be known as what?
7. One skilled in treating the diseases of the eye is what?
8. What do we call a person having one eighth Negro blood?
9. To have possession of, is to what?
10. What do we say of the happening of an event?

(For answers see page 25)

Handy Traveling Slippers



Just the thing for the college girl or for that essential train or car trip. The slippers go into the kit and take only a little space in the traveling bag. Pattern E 239 will be sent you for 5 cents, by writing the Women's Editor, Kansas Farmer, Topeka.

Different Kind of Calf Sale

A PLAN to help 4-H and Vocational Agriculture youths get the right kind of heifer calves for project work is being tried this fall by the Holstein-Friesian Association, of Kansas. A special calf sale will be held in conjunction with the Kansas State sale of Holsteins at Abilene, October 29. This calf sale will be unusual in

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Lydia E. Pinkham's VEGETABLE COMPOUND

that only 4-H or Vocational Agriculture students will be allowed to bid. In other words, says Hobart McVay, secretary of the association, it will be their sale without adult competition.

Calves for this special event will be from some of the best herds in the state. They will be registered heifer calves, born on or after July 1, 1945.

These calves, 10 or more in number, are to be sold at auction at 11 a. m., October 29. Consignors of the calves will receive the full purchase price of the calves. The state association is standing the expense of the sale.

In recent years, says Mr. McVay, those interested in procuring Holstein calves for youth project work have found that good calves were not too often available at a price these young people could afford to pay.

The association is starting the special calf sale in the hope it will grow, and that it will render a service to the boys and girls. Also, that it will develop better calves by making better calves available.

If Troubled With Soft Corn

SOFT corn, which many Kansas farmers will have if there is an early frost, has about 25 per cent less feeding value than hard corn. That is the opinion of L. E. Willoughby, Kansas State College Extension agronomist, who is encouraging farmers to let their corn stand in the fields to dry unless frost holds off until mid-October.

Leaving the corn in the field will let nature's wind, called the "best corn drier in the world," reduce the moisture content and make it more valuable for feeding, says Willoughby. Safe storage of corn requires that moisture content be no more than 18 to 20 per cent if ordinary cribs are used.

Experiments with hard and soft ear corn in fattening of hogs, yearling cattle, and sheep at the South Dakota experiment station disclosed that considerably more soft corn is needed to get 100 pounds of gain, reports Mr. Willoughby.

Yearling cattle fed 149 days required 887 pounds hard ear corn or 1,073 pounds of soft ear corn for the 100-pound gain.

Fattening lambs required 461 pounds hard ear corn and 453 pounds alfalfa, or 623 pounds soft ear corn and 487 pounds alfalfa to make a gain of 100 pounds.

Summer pigs required 493 pounds of hard ear corn and 46 pounds of supplement, or 612 pounds of soft ear corn and 56 pounds of supplement to make 100 pounds of gain.

Farmers may learn moisture content of their corn by taking samples to elevators for testing, concludes Mr. Willoughby.

Better Tires Ahead

A rayon cord tire that will outlast average ownership of a passenger car, is announced by P. W. Litchfield, chairman of the Goodyear Tire & Rubber Company, who believes it is the "most important development in tire-making since Goodyear developed the cord tire 32 years ago."

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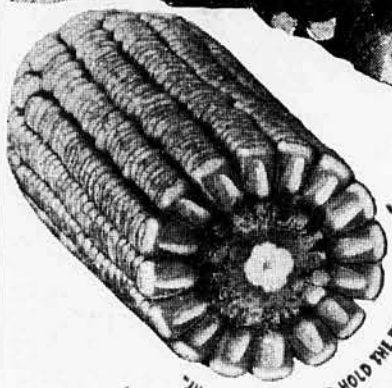


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Coyotes Are Smart

(Continued from Page 1)

Hides were not worth much except during 2 months in the winter. The average income for each coyote caught is only \$2.50.

But the situation looks brighter now. Grateful farmers and the Chamber of Commerce have raised \$250 to help pay last year's expenses. The Chamber of Commerce has asked the county commissioners to guarantee Mr. Berry \$600 a year. Under this plan the county would pay all bounties, then make up the difference between total bounties paid and \$600. No action has been taken on this as yet.

However, Mr. Berry says farmers and business men in neighboring Jefferson county have promised him \$75 a month during the season to extend his trapping into that area. With this kind of support he no longer is worrying about whether the job will pay. You would be amazed at the painstaking care required to trap coyotes. Mr. Berry often spends a week on a

single farm before he ever sets a trap. Coyotes usually travel in pairs. Before Mr. Berry makes any attempt to trap them he questions the farmers in the neighborhood as to where and how many times they have seen coyotes on their places.

He studies all the tracks he can find. From them he can determine whether the coyotes are living on or near the farm, or are just passing thru the area. "During certain seasons coyotes travel over their own highways, which are just as plain to them as ours," says Mr. Berry. "These highways are used by generations of coyotes down thru the years."

By studying the tracks, Mr. Berry can tell whether a coyote is a male or female, or whether the tracks were made by dogs. The female has a longer, more narrow foot than the male and both have a more oval print than most dogs, although some dog prints are confusing at first.

Then Mr. Berry looks for dens and for ideal spots to set his traps. He scours the neighborhood for signs indicating what the coyotes have been eating. If all the signs are of wild game he knows the coyotes are young and in good physical condition. "It's the old or maimed coyote that brings trouble to the farmer," he says. "When a coyote no longer can catch its food, it must depend on domestic animals and fowls."

An Important Point

He knows, for instance, that coyotes in his area have a stride of 14 inches. This is important to a trapper. Knowing this, he places the scent just 14 inches from the center of the pan on his trap. Mr. or Mrs. Coyote, he says, will come up to within 2 steps of the scent and then pause, with left forefoot raised, while looking for danger. In order to reach the scent, the coyote must take that final step forward—into the trap. "If everything is done right," says Mr. Berry, "9 out of 10 coyotes will get caught by the left foreleg." Curiosity makes them take the final step.

Picking spots for trap "sets" and then setting them so the coyote will get caught is a meticulous job. Gopher holes, spots around strawstacks, or along hedges are good trapping places, says Mr. Berry. Traps never should be set in timber as they will be set off by other animals.

The traps are boiled in lye water and then dipped in hot beeswax before being set and after each catch. This destroys or covers up the trap odor and protects the metal against weather. A sheet of canvas is used by the trapper to kneel or lie on while making his set. A place large enough for the trap is scooped out so the pan will be even with or below the ground surface. Leaves or straw are used to cover over the spot. All loose dirt or other tell-tale signs of the trapper are scooped up on the canvas and carried away.

Another important point in trapping coyotes is to have enough chain on the trap so the trapped animal can keep on the move. Eight or 10 feet of chain are needed. If the chain is too short the coyote will twist his leg off at the trap and escape.

When trapping along roads or hedges,

Mr. Berry uses a grapnel instead of a stake. A grapnel is a 3-pronged drag. This allows the coyote to move away from the road or hedge and prevents passers-by from approaching the animal or taking the trap. Mr. Berry then follows the trail of the drag until he can catch and kill the coyote. "I actually have seen a coyote pick up one of these drags in his mouth and carry it a short distance to keep from getting tangled in underbrush," says Mr. Berry.

The trapper can tell many interesting stories about the strength and cunning of coyotes. A 40-pound coyote, for instance, can put from 500 to 600 pounds of pressure on the trap for the first hour after being caught. So strong is the coyote that he often tears the triggers and pans off the traps. They hardly can be twisted off with a pair of pliers. "I have seen a trapped coyote jump straight in the air the full length of an 8-foot chain," recalls Mr. Berry.

Mr. Berry remembers many incidents in which the coyote has displayed especial cunning. One incident occurred when the trapper found 4 coyote pups in a den in a haystack. The den had 2 entrances so he set traps at both one evening. It is a rule of trappers never to take the pups until the parents have been caught.

Next morning after he had set his traps at the tunnel entrances, Mr. Berry returned to check results. The parents had made a new tunnel into the den during the night and escaped with the pups. They completely ignored the 2 entrances formerly used.

Two in One Spot

Four double catches are credited to Mr. Berry in the last year. A double catch is getting 2 coyotes in the same spot the same night. He sets the traps about 15 feet apart. If the female coyote gets caught first the male will try to get her out of the trap. In doing so he often gets caught himself.

A complete record on every coyote trapped is kept by Mr. Berry. He puts down the date, the farm on which it was caught, the place on the farm, whether the animal was a male or female, and whether he sold the hide.

The "jackpot" farm for producing the most coyotes has been that of Ed Bott. A total of 25 coyotes have been trapped on this one farm. In appreciation, Mr. Bott has helped collect \$197 among farmers to continue the trapper's work. Four coyotes have been trapped within 300 yards of the Lowmont Store on the Herman Sachse farm.

An idea to spread trapping to other counties in the state is advanced by Mr. Berry. He believes that government trappers in every county might be too expensive and a waste of manpower.

He does believe that the present game wardens in the state could be taught to be professional trappers and paid enough more to make the jobs attractive. He would be willing to give his time in training them if the idea was acceptable and possible under the law.

As for himself, Mr. Berry does not want or care to make a lot of money trapping coyotes. "I get a real kick out of matching my wits with them," he smiles. "And I can't think of anything else I could be doing that would make as much of a contribution to my community."

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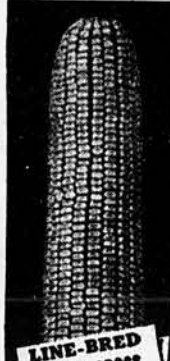

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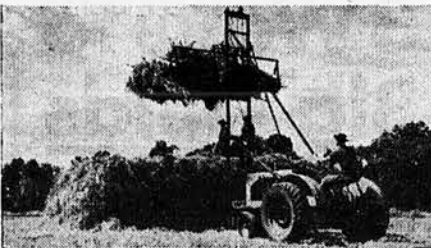
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RATS are destroying millions in food, property, and farm produce. Help end this menace, now, with **K-R-O Ready-Mixed** in **Bis-Kit** form. Nothing to mix and easy to use, **K-R-O** is made of **red squill**—safer than poison for use around livestock, pets, and poultry. It **kills** rats or your money back. Two sizes: 35c and \$1; also **K-R-O Powder**, 75c at drug, seed, and hardware stores. The **K-R-O Co.**, Springfield, O.

K-R-O KILLS RATS ONLY

National F. F. A. Meet

The 18th National Convention of Future Farmers of America will be held in the Municipal Auditorium, Kansas City, Mo., October 9 and 10. Besides one official delegate from each state association of F. F. A., attendance includes national officers, 4 public speaking contestants and the Star Farmer candidates. Among the items of business will be awarding American Farmer degrees and planning for the National Victory Convention in 1946. The public speaking contest will be an important event.

Crop Estimates

This year's U. S. corn crop is estimated by the U. S. D. A. at 3,069,055,000 bushels, and wheat production at 1,152,270,000 bushels, a record crop. The indicated oats crop is 1,575,356,000 bushels, and the potato crop at 432,895,000 bushels. Corn production in Kansas this year is estimated at 72,864,000 bushels, about half of the 114,793,000 bushels harvested last year. Estimated oats production in Kansas was 21,090,000 and an acre yield of 18.5 bushels.

Important Day

September 6, 1945, was a red-letter day in Kansas. On that date the first tractor tires for civilian use ever made in Kansas rolled off the line of the Topeka Goodyear Tire and Rubber Company plant. By the end of September, plant officials predicted the company would be turning out 600 tractor and 300 truck tires a day.

Distribution of tires made at Topeka probably will be thru Kansas dealers. Full production after September calls for 450 truck tires and 2,000 passenger car tires daily.

Teach by Radio

Students in rural and elementary schools in Kansas now are enrolled in radio classrooms sponsored by the State Department of Education. Subjects are prepared and presented by the faculty of Emporia State Teachers College.

Reports from 44 county superintendents indicate there will be 22,708 students in 1,000 schoolrooms tuning in these radio classroom programs.

A Farm Leader

After 26 years with the State Board of Agriculture and 45 years in state service, I. D. Graham has retired on a pension especially provided by the last session of the state legislature. As a



I. D. Graham

token of friendship and esteem, employees of the state board purchased the typewriter Mr. Graham had used for many years and presented it to him as a gift. Incidentally, Mr. Graham is 90 years young.

Earn Scholarships

Sixteen Kansas young women have received Sears-Roebuck Foundation scholarships for the School of Home Economics at Kansas State College this year.

Eight \$200 scholarships went to Car-

lyn Anderson, Admire; Virginia Eddy, Topeka; Virginia Lee Chamberlin, Gardner; Frances Gardner, Hartford; Donna Jones, Cottonwood Falls; Lillian Lacy, Onaga; Dorothy Long, Abilene; and Ruth Steiner, who lives near Lebanon.

Eight \$100 scholarships went to Margaret Austin, Iola; Maridell Byler, Newton; Carolyn Cameron, Atwood; Mary Louise Madden, Auburn; Eleanor Sommer, Manhattan; Betty Stocker, McCune; Margaret Upp, Lebanon; and Phyllis Woodard, Downs.

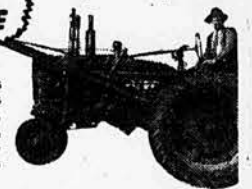
Quiet Door

It won't be too long until you can buy a new type of door that is sound-proof, will not warp or stick or rattle, and which will cost about the same as former types. It will be made of plywood.

NEW Sargent Hydraulic TRACTOR LOADER

**LIFTS
2000 LBS!
11 FT. RANGE**

Simple to Operate



Sargent actually does work of 10 men! Loads manure, baled hay, lumber; pulls posts, moves small bldgs., excavates for cellars, fills ditches, washouts.

Sweep Rake attachment also available.

Easy, simple to operate. Can be put on tractor by one man in 30 minutes! Raises anything up to 2000 lbs. Twin Hydraulic lifts keep load balanced in all positions. Write today for **FREE PICTURES**, details, **McGRATH MFG. CO.**, Dept. K2, 4680 Leavenworth St., Omaha 6, Nebraska.

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Delco-Remy starting, lighting and ignition and Delco batteries add usefulness, convenience, economy and ease of operation to farm tractors. Delco-Remy electrical equipment is available as original equipment on these farm tractors:

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Delco batteries and parts and service for Delco-Remy electrical equipment can be obtained through tractor dealers and United Motors Service stations.



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Every ear of corn dropped by slick rollers on your cornpicker, is money out of your pocket.



Light applications of **HOORSITE PICKER ROLL COMPOUND** several times a day prevent rollers getting slick. Your machine will pick and husk cleaner and better when you use this especially prepared petroleum adhesive on both picking and husking rollers.

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TRUE or FALSE? Facts for Dairymen



QUESTION: A hand milker may apply up to 3 times as much pressure on the teat as the milking machine.

ANSWER: TRUE! Tests show that hand milkers use as much as 35 inches of mercury pressure on hard-milking teats, whereas the Perfection Milk-Master operates with 11 inches.

QUESTION: Hand milking flexibility . . . that is applying just the squeeze necessary on each teat . . . is a feature not found in any milking machine.

ANSWER: FALSE! The Perfection Milk-Master has this advantage, too. Just as the careful hand milker squeezes more gently on easy-milking teats so does the Milk-Master decrease vacuum on easy-milking teats. But only the Milk-Master has this advantage.

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FREE CATALOG
Write!

PERFECTION MILK-MASTER

BUY VICTORY BONDS

Gold-Rush Road Fights a War

(Continued from Page 6)

the Missouri Pacific, Harold C. Hayes, Reserve. There were others.

Despite the severe winter, the record for the first year of Army operation was 300,000 tons of freight, 10 times what had been hauled before. Of course, tonnage is not nearly the whole story; a truck on a flatbed was a carload, but made meager balance on the scales. The record month was in August, 1943, when 45,000 tons were transported, an average of 1,500 tons a day. The line never reached its goal of 2,000 tons daily, but it tried.

The next winter was mild enough, but excessive amounts of wet snow fell in the famed White Pass, the pass where many gold rushers of '98 met their fate as they struggled to cross the mountains and enter their Golden Land of Promise—the Klondike. The wet snow froze into ice. Traffic was snowbound for weeks. Engines stranded out on the line ran out of water. The crews tried to quench the thirst of the parched fireboxes by shoveling snow into the tanks. Fireman chopped up ties to feed the hungry engines and keep them "alive."

The story of Sgt. William R. King, yardmaster at Skagway, is typical of these determined railroaders. King formerly was a brakeman and conductor on the 365-mile Missouri and Arkansas Railway line which runs from Joplin, Mo., to Helena, Ark. He hit Skagway in September of 1942 and was assigned to a work train out of Bennett which was constructing a gasoline pipeline and later a telephone line alongside the rails.

Stalled in Snow 2 Days

In December, the engine was stalled in a big snowstorm 19 miles out of Skagway on the far side of the big trestle which crosses the deepest ravine on the route. With not a bite to eat, the crew spent 2 days digging their way with shovels thru the deep snow. On the third day, a mess sergeant and food supplies broke thru to the stranded men and whipped them up the tastiest meal of their lives on a wood stove in the caboose. They tried a 30-day supply of food after that.

Once when the train met a snowslide and was backing down the long hill toward Skagway, the caboose hit another slide in the rear. The wheel trucks were knocked from under the caboose. Thus derailed, the train stopped just in time to keep from hurtling the caboose to the depths of the ravine—along with crew members.

King was made a conductor in January of 1943. That was one of the extreme cold months, and the month they had so much trouble with the trains freezing to the rails. "Frequently," he said, "we had to send for another engine to jar our train loose from the icy grip."

He was brought into the yards in September of 1943, and he has been there ever since, working up to the key position of yardmaster.

In the last several months, as tonnages have slowly declined, the Army

has started turning the line back to its civilian manager. Yet it is still hauling more than it did before the war. "We expect business will level off at about 3,000 tons a month," Mr. Rogers, the president says.

Altho Rogers and Hahn expect Alaska and the Northwest to grow, they think mining will remain its chief backbone for some time.

Opening of the Alaska Highway has brought scores of mineral prospectors and professional geologists into the territory. They are almost sure to find something worth developing. The war over, these minerals will be picked from the bowels of the earth. The White Pass & Yukon will bring in the mining machinery, the personnel to work the mines, and the supplies to keep them going. It will continue to be the supply line for the pioneers of the Northwest, contributing to the development of this vast last frontier, as other railroads have contributed to the building of the frontiers before them.

Railroads Did Wonderful Job

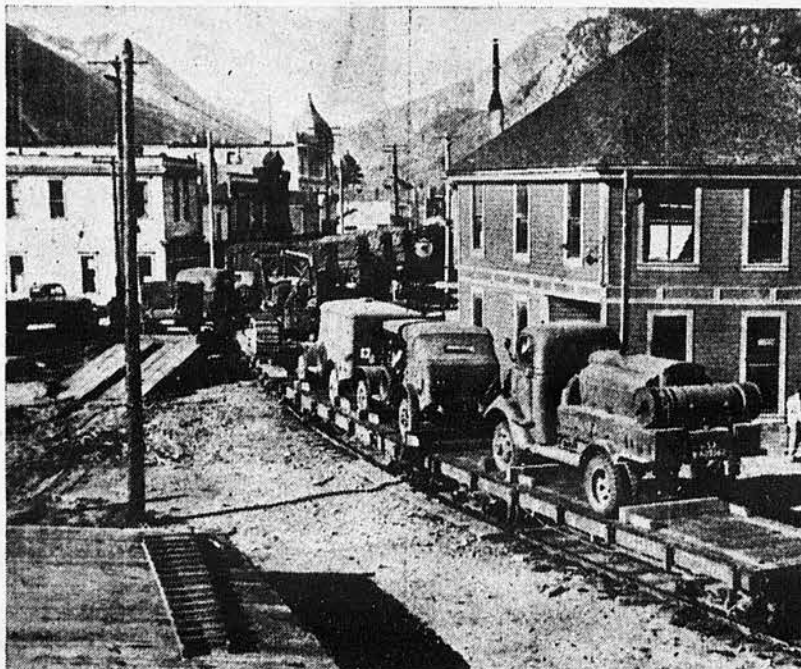
Major railroad lines in the United States, like the Santa Fe, Missouri Pacific, Rock Island, Frisco Lines, Pennsylvania, and Union Pacific, have certainly contributed hundreds of times what the White Pass & Yukon has to the American war effort. But the puff-puff efforts of the little "toy" rail line up in Alaska on one of America's far-flung frontiers is symbolic of the determination of the railroads to serve the needs of the nation.

Combined railroads of the United States transported 22,800,000 troops on organized movements from December, 1941, thru June, 1944. These troop movements involved use of 196,000 coaches, 334,000 sleeping cars, 103,000 baggage and kitchen cars, and 148,000 refrigerator, box, gondola and flat cars. An average of 34 cars was required for each 1,000 men moved. These figures include groups of 40 or more only, and do not embrace individual travel.

More than 172,800,000 tons of War Department freight and 600,000 tons of express were moved by the railroads in this 31-month period. Tonnages have not been released or freight hauled after June, 1944, but it is no doubt much greater per month than ever before.

Consideration of these figures should make one wonder how, thus overtaxed by war cargo, American railroads have managed, nevertheless, to maintain civilian traffic even thru the peak months of Army traffic. Kansas farmers can still ship their livestock to market with no delay. The railroads have solved many apparently unsolvable problems in maintaining their service with virtually no curtailment of the prewar schedules.

The White Pass & Yukon is, most likely, the "biggest little" railroad in America. But one would have to search hard to choose the "biggest big" railroad, for the job the railroads are doing is colossal.



The White Pass & Yukon Railway was built to facilitate the gold rush of 1898, but stayed on to help win the war! These baby-size flatbeds leaving Skagway, Alaska, are loaded with trucks, command cars, ambulances and tractors.



Put the Pullets to Work

Are your early hatching pullets laying now? Get them at it as quickly as possible. Keep Pilot Brand Oyster Shell in a hopper where they can get it. Pilot Brand is pure — helps them feather and produce more eggs.



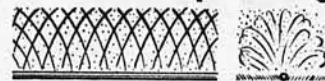
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For all row crops. Equipped with Flo-Control adjustable gates. Cuts labor 75%, saves water.

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Name _____
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Town _____
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Interested in Flood Furrow Sprinkler

Must Have High Incomes

(Continued from Page 7)

ported at 90 per cent of parity. That means farm prices will drop from 117 to 90, which is about 23 per cent.

General supposition in Washington

"GOOD FENCES

Helped Make This Farm a High Producer"



IRA UNDERHILL
Monroe City, Missouri

"Crop yields were poor when I moved on this 280-acre farm 13 years ago—the ground was run down and there were practically no fences.

"But after refencing all fields, stocking heavily, and bringing legume pasture into the rotation, crop yields have doubled in 12 years. And I have a profitable livestock enterprise besides—30-50 beef cattle, 200 hogs and 50 sheep.

"RED BRAND Sure Stands Up"

"Red Brand fence is built to take a lot of weather. That's why I have more Red Brand fence than any other kind. It sure stands up!"

Present Keystone fence, though not trade-marked Red Brand, is tops in quality.

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Our material was proven effective and safe in the Kansas experimental tests as dip or spray for fly control on cattle.

50% D. D. T.

Water Suspension Type

3-pound Bag | 24-pound Case

\$350 | \$2470

3-Pound Bag Treats 225 Head Cattle

Evans Orchard
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Write for prices. Special discounts now.
Good territory open for live agents.
NATIONAL TILE SILO COMPANY
626 Livestock Exchange Bldg.
STATE DEPT. BLDG. KANSAS CITY 15, MISSOURI

is that the Administration program—or perhaps hope would be a better word—will allow wages to be upped 15 per cent instead of 30.

On a 15 per cent increase in wage rate, and a drop from 48 to 40 hours, Labor's equation would be 40 hours at \$1.15 or \$46. This would be \$6 less a week than wartime, or a decrease of 12 per cent, compared to the farmer's drop of 23 per cent.

Mr. Kiplinger's guess of "swords' points" may be justified, at that.

Farmers as a rule have a better long-range background than industrial workers. It is easier for them to think in terms of years, where the industrial worker's mind is geared to weeks.

It is doubtful whether any great number of farmers expect wartime prices and wartime markets will carry over into peacetime. Some of them did 25 years ago, but these learned a lesson then. As a result, one can understand why no reputable farm leader this time has been holding out hopes that prices and volume in peacetime would be up to what they were in wartime. On the other hand, many labor leaders have been telling their followers they are entitled to expect their pay checks to continue at the war figures.

Actually, unless the United States Government should repudiate the national debt, both wages and incomes are going to have to be larger than they were prewar. The reason for that is simple. Federal tax collections were running less than 5 billion dollars a year before the war. They are not likely to drop below 20 billion dollars in the future; more likely between 25 billion dollars and 30 billion dollars—unless deficit financing is largely resorted to. If that program is followed, there will be a real crash sometime after 1950.

What the foregoing adds up to is \$700 a year more Federal taxes collected per family in the United States than before we started out to make the world secure for Stalin. It will take higher incomes and higher wages to carry that load.

Unless farm prices and income drop much quicker than is at all likely, Congress is not going to get wildly excited over the farm problem while the 2-year support prices still have months to run. Wages and unemployment will get earlier attention.

Frown on Spending Program

Meanwhile, Congressional reaction to President Truman's all-out "Liberal" spending program called for in his message to Congress last month is having hard going.

The President asked the Congress to provide (thru supplementary Federal payments) \$25 a week for 26 weeks of unemployment compensation for displaced war workers—unkindly referred to in some quarters as \$25 a week war workers' pensions.

The Senate rejected the \$25 a week, but compromised by passing a bill providing that Federal funds would be used to supplement state unemployment compensation funds so the unemployed would get whatever payments the states provided per week, but for 26 weeks instead of the duration provided by state laws and regulations.

While the Senate was arguing over the \$25-a-week proposal, the C. I. O. auto workers unions staged a strike. Other strikes followed, all over the country. The House Ways and Means Committee voted, 14 to 10, not to consider any increases in unemployment compensation until it can be determined more definitely the extent that strikes are going to add to unemployment. Some Congressmen don't like to use the Treasury to "hire unemployment."

Meanwhile, for the long pull—after the 2 years of price supports have passed—there seem to be 4 general proposals for a permanent national farm program:

1. The "economists" plan, on which leading farm economists, both in the University of Chicago and the Department of Agriculture, seem to be in substantial agreement. This proposal is that farm prices be allowed
(Continued on Page 25)

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Jacobs Plants are now built in 1250, 1800 and 2500 watt sizes. 32 or 110 volt.

1250 WATT DIRECT DRIVE (No gears to oil and wear) AUTOMATIC CHARGING AUTOMATIC VOLTAGE LARGE 3 BLADE PROPELLER VARIABLE PITCH GOVERNOR

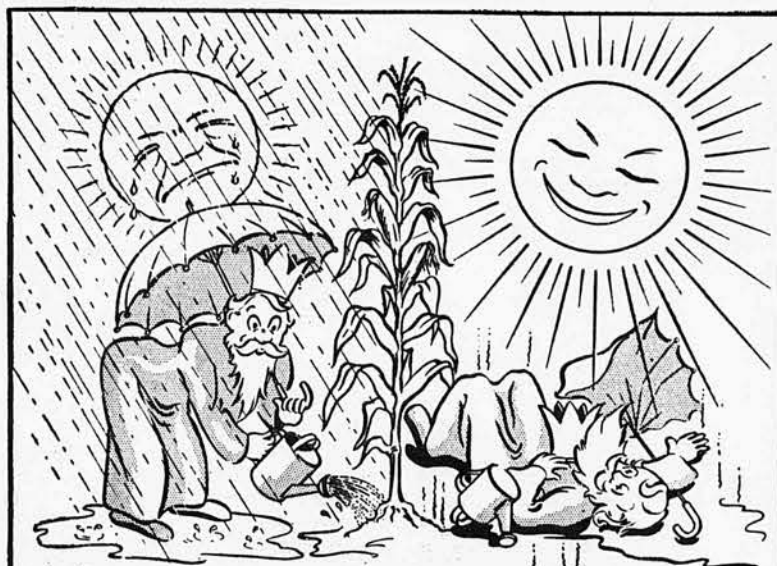
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Remove Large Roundworms and Cecal Worms with Dr. Salsbury's AVI-TON
Just Mix it in the Mash

Convenient, Labor-Saving Flock Treatment

You'll feel safer, more secure if you give your flock Avi-Ton as soon as you suspect large roundworms or cecal (pin) worms are holding back laying. Just mix Dr. Salsbury's Avi-Ton in wet or dry mash.

Birds heavily infested with large roundworms or cecal (pin) worms waste feed, don't lay well. You can help these birds easily, conveniently, with Dr. Salsbury's Avi-Ton.

Avi-Ton contains recognized drugs, including phenothiazine. Thousands of poultry raisers praise its convenience; its safe, sure action. Easy on the birds. Avi-Ton is low in cost, too.

So don't let heavy infestations rob you of profits, throw your birds off laying. Get genuine Dr. Salsbury's Avi-Ton at hatcheries, drug, feed, other stores. This convenient treatment pays—in eggs and profits to you.

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A Nation-wide Poultry Service

Whenever your flock needs help, ask for "Dr. Salsbury's" . . . a complete line of poultry medicines, fumigants, disinfectants, vaccines and bacterins.

For Individual Treatment: give Dr. Salsbury's Rota-Caps, the only treatment containing Rotamine. Removes large roundworms and intestinal capillaria worms. Easy on the birds. Preferred by poultry raisers, 5 to 1.

Buy at Dealers Displaying This Service Emblem



Two-Fold DRINKING WATER MEDICINE
Convenient, Easy Way to Give Your Flock TONIC BENEFITS

So easy to give your flock Ren-O-Sal's tonic benefits. Just two tablets per gallon; stir briskly. Poultry raisers praise this remarkable new treatment; used so successfully this spring against cecal coccidiosis and as a tonic. Safe in any water.

Dr. Salsbury's **REN-O-SAL**

THE TWO-FOLD DRINKING WATER MEDICINE



KILL GRUBS

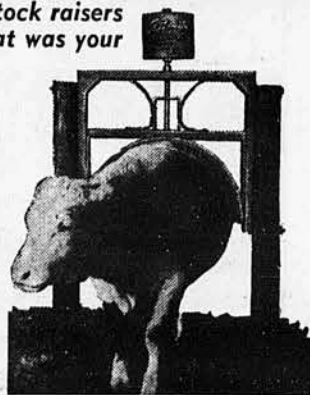
WITH THE *Automatic* CURRYING and DIPPING MACHINE

Rid livestock of grubs, lice, flies, ticks . . . the effective, proved, time and labor-saving way

Cattle grubs and other vermin cost livestock raisers more than \$100,000,000 each year. What was your share of these losses?

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Average-Size Flock Pays Well



Mr. and Mrs. John Brunner, Dickinson county, are proud of their White Rocks which brought them a labor income of \$562.02 in 1944.

A LABOR income of \$562.02 from an average farm-size flock of chickens was realized in 1944 by Mr. and Mrs. John Brunner, Dickinson county.

By getting their White Rock hatching eggs from a pullorum-tested flock, disinfecting the laying house and brooder house with hot lye water, and

by raising chickens on clean ground, Mr. and Mrs. Brunner raised 89.27 per cent of their original chicks to 6 months old.

Their total receipts from the flock in 1944 were \$2,466.11. Expenses totaled \$1,646.26, leaving a labor income to the hen of \$1.95. Yearly production averaged 182.44 eggs to the hen.

Protect Quality In Dried Eggs

DRIED eggs may make friends more readily in households as a result of storage researches. Under unfavorable storage conditions—such as the high temperatures encountered in many war theaters—the quality of dried eggs drops rapidly. But scientific tests, concluded recently by food research specialists of the U. S. Department of Agriculture, show that good quality spray-dried whole eggs stored for as much as a year at cool temperatures, compare favorably with fresh eggs in flavor and cooking qualities.

With proper storage methods, dried eggs may prove as useful a supplement to shell eggs as dried milk has to fresh milk. They offer the advantages of compact storage and help to equalize prices during the year by preserving the spring surplus for the winter use.

In the laboratories of the Bureau of Human Nutrition and Home Economics, scrambled eggs, baked custards, popovers, mayonnaise and foundation cake made with dried eggs were compared with these same foods prepared with fresh shell eggs, in order to check characteristic functions of eggs in cooking—from flavor to baking qualities.

The temperature at which dried egg is stored is extremely important in the saving of flavor and cooking quality, the specialists found. Stored at temperatures below 60 degrees F., dried whole egg retained its original quality characteristics for a year. Scrambled eggs made of the year-old dried eggs were tender and creamy, and cakes were no different from those made with shell eggs.

After being stored for less than one month at 86 degrees F., and above, however, dried eggs produced scrambled eggs that were dry, grainy and brownish, and soft, watery custards. Off-flavors in dried eggs stored at high temperatures showed up more slowly in cake because of the many old ingredients.

Eggs Paid \$1,000

"From the \$1,800 worth of eggs sold from my farm chicken flock, I made a \$1,000 profit last year," said O. F. Hornbaker, of Reno county. He keeps 500 Austra-White layers the year around, and gives them free range during the summer on some kind of green pasture. In the fall and spring he provides rye and wheat pasture for the birds.

With a house 60 by 20 feet, equipped with modern feeders and plenty of good mash and running-water fountains, he provides adequate facilities for caring for his flock of layers. Mr. Hornbaker uses a hammermill

and grinds feed, buying meatscraps and cod-liver oil, with the balance of the required grains raised on the farm.

Sexed pullets are purchased each year and the older hens culled and replaced by young stuff. The pullets are raised in brooder houses and handled as carefully as the laying flock.

Myron Hornbaker, son of Mr. Hornbaker, who lives near his father, keeps a flock of 500 New Hampshire Red layers the year around. "We are trying to see which type of chickens are the best money makers and it's sort of a race on this chicken business. I wouldn't give up my chickens for anything, and I wouldn't keep them without giving them the best care possible," said Mr. Hornbaker.

20 More Eggs

Poultry flock improvement work in Kansas is paying dividends. Farmers now are gathering 20 more eggs a year from each hen than they did in 1924. Members of the poultry-improvement association have doubled that gain, getting 40 more eggs a hen in 1944 than in 1924.

One-hundred-twenty-five agents are expected to band a million birds in about 3,500 flocks this year, an increase of about 40 per cent over last year.

Egg production to the hen in Kansas has increased from 94 to 114 since 1924, and farmers in the testing program have an average production to the hen of 164 eggs.

Reasons for the increase include feeding, breeding, management and flock selection.

Iron Won't Stick

I have found that a few drops of turpentine added to starch water will prevent the iron from sticking when clothes are ironed.—Mrs. E. W.



From A Marketing Viewpoint

By George Montgomery, Feed Grains, Poultry and Eggs, and Dairy; Merton L. Otto, Livestock.

How long do you think hog prices will remain at ceiling levels?—E. R. J.

It is probable that the best quality of slaughter hogs will remain at or near ceiling levels thruout the winter marketing season. However, when marketings become heavy in December and January it is probable that a much smaller percentage of the slaughter hogs will sell at ceiling levels, because of closer culling by the buyers. This will reduce the average price paid for hogs at major markets.

Do you think that stocker and feeder cattle will go much lower this fall or early winter?—F. B.

There seems to be a broad demand for replacement cattle despite the fact that total shipments to the 8 Corn Belt states has been much larger during the first 8 months of this year than during the corresponding period

in 1944. It is doubtful whether the best quality replacement cattle will go much, if any, lower during the next few months. Plain quality stockers and feeders may decline some in price.

How does the feed situation in Kansas compare with last year?—H. B.

Present information indicates that the supply of feed grain per animal unit in Kansas will be only about three fourths as large as last year. In September the Kansas corn crop was estimated at 73 million bushels compared to 114 million last year, and the grain sorghum crop was placed at 19 million bushels compared to 49 millions a year ago. Feed grain may be as scarce as it was during the spring months of 1943 and 1944.

Supplies of soybean and linseed meal should be as large or larger than last year. Supplies of cottonseed meal probably will be somewhat smaller.

Will the price of turkeys stay at the ceiling this fall?—L. H.

Probably not. It is estimated that the number of turkeys raised this year is 22 per cent larger than last year, and 44 per cent larger than the 1937-41 average. The embargo on the sale of turkeys except to the Government has been lifted. Larger supplies of beef will reduce somewhat the demand for turkey.

Must Have High Incomes

(Continued from Page 23)

to seek the natural level in the market place (probably means world price levels). Then the Federal Treasury would send out a flood of treasury checks at the close of the season. These would be for the difference between what the farmer actually received, and what he would have received if price had been at a given percentage of parity. Most of them also would "modernize" the definition of parity, with widely diverging views.

2. The Farmers' Union plan, worked out in conjunction with or modeled on the C. I. O. program. This proposal would guarantee all farmers a minimum wage of 60 cents an hour. Direct cash payments would make up the difference if his income fell below that basis. The farmer who employed help could get more than his hired hands got if he worked longer hours than the hired hands.

3. The Farm Bureau plan, same as from the early days of the AAA—price support at full parity, with acreage controls to try to keep market demand within seeing distance of the market supply.

4. The Grange plan, the two-price (or in some cases a multi-price) program; the old McNary-Haugen plan, modified by a "modernized" parity base. The Government would support price on domestic consumption at the parity base figure for each major commodity. There would be lower "what you can get" prices for exported farm commodities. There might be other bargain prices for disposing of parts of surpluses in the home market, such as "corn" prices for wheat to be fed to animals, and so forth.

The Grange plan runs slap-bang into the Administration's foreign trade program; probably would provoke retaliation from foreign governments. It hasn't much chance within the next few years, if at all.

The Farmers' Union program at present has no support outside the Union high command, and the C. I. O.

The Farm Bureau plan is, basically, in operation when the support-price program comes to an end. It has more support in the present Congress, and perhaps for several Congresses to come, than any of the other three.

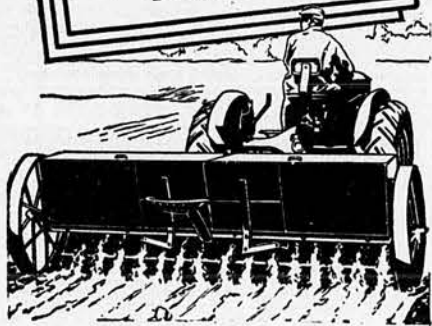
Government influence will, by and large, be thrown to gradually supplanting the present program with the "economists" program. Farmers Union-C. I. O. may line up with this program also, as both programs call for cheap foods and subsidies.

Answers to Hidden Words

1, octet. 2, ocher. 3, October. 4, octave. 5, ocean. 6, octogenarian. 7, oculist. 8, octoroon. 9, occupy. 10, occurrence.

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Kidded ourselves . . . that's what a lot of us did during the last war.

Prices were inflated. Money easy. So we talked ourselves into thinking that commodity prices had hit a new and permanent level.

But the man with a good memory isn't loading up with land now. He's putting his own place in shape where it will pay him a profit in the long run.

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KEEP YOUR FARM SAFE AND SOUND

SAVE - DON'T SPECULATE

HOGS

Combination Poland Sale

Herbert Rindt, of Herington, Kansas, has joined forces with Ray Saylor & Sons, of Manhattan. Selling on

Tuesday, October 16

on the Saylor farm 7 miles east of Manhattan, 1 mile south and 2 1/2 miles west of St. George, Kansas.

61 HEAD—
10 Bred Sows or with litters.
25 Spring Boars.
26 Open Spring Gilts.
 The Saylor offering was sired by Karo's Best, one litter by Lo-Set out of a Nation Wide dam.
 Rindt's offering was sired by Low-Down's Prince by Low Down.
 By combining the tops from these two good herds we can offer buyers of the southwest the best lot of pigs to be sold in the territory this year. The offering was grown with their future usefulness in view. Although not fat they sell in good thrifty well-fitted breeding condition. Everything immuned. For catalog write
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 Auctioneer: Jas. T. McCulloch.
 Jesse R. Johnson with Kansas Farmer.

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on farm 7 miles south and 2 1/2 miles east of OLAHE

Monday, October 22

50 HEAD— 20 Boars, 30 Gilts
 All of spring farrow. Sired by such boars as Full Measure (a Beatty-bred boar), Sod Buster, Hallmark Watchout, Western Master and Advancer's Master, out of a great line of proven sows that carry the blood of Low Down, Western Master and other prominent modern sires, including Supreme Quality. The low-set, heavy-boned sort.
 Double cholera immuned. Herd established 33 years. For Catalog address
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 Auctioneer—Col. Harry Duncan.
 Jesse R. Johnson with Kansas Farmer.

Spotted Poland China and Duroc Sale

(Fair Grounds)

Fairbury, Nebraska Monday, October 29

70 Head (35 head of each breed).
40 Boars—Tops from each breed.
30 Gilts picked for brood sow prospects from each breed.
 Those readers who have seen my exhibits at the fairs for the past years or who attended my last fall sale, may expect offerings worth while (the farmers' kind). Selling in good, thrifty condition. Write for catalog to
WAYNE L. DAVIS
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Spotted Poland Boars



Serviceable age boars good. Priced \$50 to \$65 each; also nice gilts with pigs. All hogs double immuned and registered. Phone Elmont 71. Visit or write
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For Sale Now: 10 spring boars, 10 spring gilts. Sired by a boar that was bred by Spaulding Bros. Come see these thick, short-legged, easy-feeding, desirable-type registered Spotted Poland. Priced right. Write to
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Spotted Poland Boars and Gilts

of top quality, best feeding type, carrying the blood of the best sires of the breed. Unrelated pairs, double-immuned, priced right.
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Where could you buy a boar out of the 1st and 2nd winning litter mates to the grand champion boar and sired by a son of the 1944-45 grand champ? Only at Konkel & Sons, Haviland, Kan.

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Good boars ready for service, also fall pigs of both sexes.
HEADINGS BROS., Hutchinson, Kansas.

BERKSHIRE PIGS—OXFORD RAMS

Breeding animals for sale. Rams, boars and bred gilts. Write for special 10-day offer.
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BERKSHIRES

Orders being booked for September pigs and gilts to be bred for spring litters. A few good boars ready for service.
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HEREFORD HOGS Expressed C. O. D., subject to your approval. High-winning herd National show. Bred gilts. Boars. Unrelated pigs. Circular.
YALEHURST FARMS, PEORIA, ILL.

CHOICE DUROC BOARS and GILTS

Good feeders, good colors, boars and gilts unrelated. Priced according to quality.
CHARLES STUCKMAN, Kirwin, Kan.

FANCY THICK, SHORTLEGGED Duroc boars, all sizes, pedigrees as good as in the herd books. Fit for breeders at farmer's prices. Shipped on approval. Immuned. Come or write
W. R. HUSTON, Americus, Kan.

HOGS

See BERGSTENS' HAMPS at the F. F. A. SALE Seneca, Kansas Tuesday, October 23

6 Spring Boars and 1 Gilt—The tops of 170 spring pigs. One boar, sired by Grand News and out of a granddaughter of the noted B & B Special. He is really good enough to head any herd. 2 others by Grand News, 1 by Private News and 2 by Rocket Flash. Plenty of other outstanding boars for quick sale at reasonable prices.
R. E. BERGSTEN & SONS
 Randolph, Kansas

Seneca Hampshire Boar and Gilt Sale

Seneca, Kan.,—Tuesday, October 23, 1 p. m.
30 BOARS — 15 GILTS

Consignors:
 Seneca F. F. A. boys.
 R. E. Bergsten and Sons, Randolph, Kansas.
 Leonard Harden and Son, Centralia, Kansas.
 J. Houston Brown, Haddam, Kansas. For Catalog write to
LAWRENCE ALWIN, Seneca, Kan.

ETHYLEDALE FARM PRODUCTION HAMPSHIRE Sires in Service: Ethyledale Roller, son of Steam Roller; Glory Hallelujah, son of Glory's Score; and Ethyledale Rocket, son of Silver Rocket.
DALE SCHEEL, EMPORIA, KAN.

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Greeley, Colorado Monday, October 15

Top Boars and Gilts picked from 16 good Colorado herds (where they grow smooth and healthy).
 Featuring the blood of such great sires as—
R. B. Broad, Sale Mgr. Colorado Duroc Association
 Auct.: Col. Jim Hoover
 For Catalog Write—
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50 Head Outstanding DUROC BOARS

From Top-Winning Herd at 1945 Nebraska Shows at Auction
Tuesday (Night) Oct. 16 DeWITT, NEBRASKA
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 Write **W. H. and H. O. WALDO, DeWitt, Nebraska,** for catalog.
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FEBRUARY, 1946
 Sale at **BELLEVILLE, KANSAS**
 Breeders wanting to consign to this sale should write at once to
DR. GEORGE WREATH
BELLEVILLE KANSAS.

Duroc Spring Boars & Gilts

Top quality. Sired by Orion Compact, Easthills Bomber and Dannen Fancy, a son of Golden Fancy. Write
DANNEN MILLS, Box 429, St. Joseph, Mo.

HAND-PICKED DUROC BOARS and GILTS

of spring farrow. The thick, shorter-legged type. Dark red in color. Popular bloodlines.
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Limited number. Bred for September and October farrow to top boars. Two outstanding herd boars, crate broke. Spring boars, top breeding and quality. None better. Write
G. M. SHEPHERD, LYONS, KAN.

ZIMM'S SELECT DUROCS

No more bred gilts at this time. Some of the best Duroc boars yet to be sold are to be found in my herd. Send an order or better yet come and inspect the herd for yourself.
Robert L. Zimmerman, 4 mi. N. Alta Vista, Kan.

Duroc Spring Boars and Gilts

Sired by Improved Ace and Reconstruction 2nd. From outstanding dams. Champion bred. Registered.
BEN HOOK & SON, Silver Lake, Kansas.



Take An Evening Off Attend the Ploeger Hampshire Hog Sale

Horton, Kan., Tuesday (Night) October 23

40 TOPS: the best from 200 head, selected for type, growth and ruggedness.

25 Boars, suited to the farmers' needs and good enough to head registered herds.
15 Gilts for foundation sows. Mostly sired by Steam Glory and Sunshine Rocket. "Seeing is believing." We have sold 90 per cent of the prospective buyers who have visited the farm during the past three years. Double immuned and Bang's tasted. When better Hamps are grown we plan to be among those who breed them. For catalog address

SUNSHINE FARM

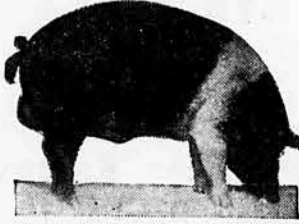
MR. and MRS. WARREN PLOEGER, Morrill, Kansas
 Auct.—Col. G. H. Shaw. Jesse R. Johnson with Kansas Farmer.

McClure-Ramsbottom Hampshire Sale

Fair Grounds

Belleville, Kansas

Saturday, October 20



50 HEAD: Tops of our two herds of spring pigs.

25 Boars. Individuals good enough to go in any herd in the land.
25 Gilts. Descendants of some of the noted boars of the Hampshire breed. They are the Farmer-Packer approved type.
 Sired by such boars as Roller Model Ace, Rollaway Model, Kansas Masterpiece.

For Catalog Write

C. E. McCLURE, Republic, Kansas, or HAL RAMSBOTTOM, Munden, Kansas, Owners

Auctioneer—Bert Powell. Jesse R. Johnson with Kansas Farmer.

Rowes' Poland China Sale

On farm 4 1/2 miles from

Scranton, Kansas

Saturday, October 20

40 TOPS the farmers and packers approved type, quality with size.

Unrelated boars and gilts. Breeding for old and new buyers. The get of Market Hub, Buster Over and Lamp-lighter. Some attractive litters.
30 Boars, among them some real herd sire prospects.
10 Selected Gilts, some foundation sow prospects. All immuned. For catalog address.

C. R. ROWE & SON, Scranton, Kansas

Auct.—Col. H. S. Duncan. Jesse R. Johnson with Kansas Farmer.

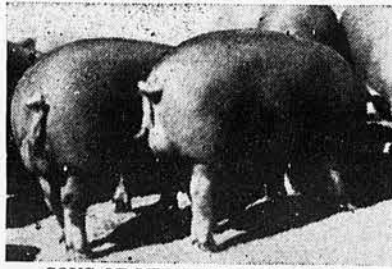


Bauer Bros. Bauer-Type Poland Annual Fall Sale

Fairbury, Nebr., Friday, October 12
 (just over the line in Nebraska)

50 HEAD—the best lot we ever offered (sired by 5 different boars.) **40 Boars,** the approved farmer and packer type. **Tops from Midwest, Nation-Wide and Lo-Set.** 10 Gilts picked for herd sow prospects. Write for catalog to

BAUER BROS, Gladstone, Nebr.
 Aucts.: Bert Powell and Roy Schultis.
 Jesse R. Johnson with Kansas Farmer.



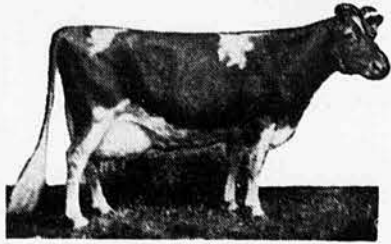
SONS OF MIDWEST and LO-SET.

Try Our Real "Packer-Type" HAMPSHIRE

Buy Them In Our Boar and Gilt Sale, October 22.
O'BRYAN RANCH, HIATTVILLE, KAN.



LYN-LEE GUERNSEY PRODUCTION SALE



(with consignments from Marion county herds)

Hillsboro Pavilion

(On U. S. Highway 50N)

Thursday, Oct. 18

45 HEAD selected for type and production
40 REGISTERED — 5 GRADES

22 Cows
13 Bred Heifers
10 Open Heifers

All cows with production records made (on twice-a-day milkings) butterfat records up to 430 lbs. in 305 days.

All animals tested for Bang's and certificates furnished. Everything under 3 years old have been given the calfhood vaccination with Strain 19. 27 Head of the offering comes from the Lyn-Lee herd (established over 6 years ago).

The offering is bred deep in the blood of Bournedale Rex 159247 AR, Langwater Fortune 217318, Langwater King of the Meads 196128 AR.

Other Consignors: C. P. Ashcraft, Hugo H. Hiebert, G. S. Jost, W. L. Schultz.

For catalog write

DAN R. WOHLGEMUTH, Hillsboro, Kansas

Auctioneer—C. W. Cole, Jesse R. Johnson with Kansas Farmer.

IN THE FIELD



Jesse R. Johnson
Livestock Editor
Topeka, Kansas

The J. W. STUART AND SON Hereford sale held at Lamar, Colo., drew a crowd of appreciative buyers. The entire offering of 72 head sold for a general average of \$240. The bulls averaged \$321 with a top of \$775. The buyer was Lappin Brothers, of Jetmore. The females averaged \$255. Stuart and Son who reside at Pritchett, Colo., write that the local demand was good and that about 1,000 buyers and visitors attended the sale. The offering was only in fair condition, but the day was perfect.

With silos already full and bins of grains carried over from last year, HAROLD ROHRER, of Junction City, says he is not worried, altho the outlook is not so good for fall wheat and rye pasture. Mr. Rohrer has one of the good Milking Shorthorn herds of the country. His cows and heifers are largely daughters and granddaughters of Brookside Clay 13 and Blackwood Chief, his former herd bull. His present herd sire, Strong Heart, carries the breeding of the famous Neralcan Canadian herd.

J. J. HARTMAN, Poland China breeder, of Elmo, writes that he is not discouraged because of rather low prices received at his September sale. At that he says they made some money. It was rather too early in the season for boar demand to be good, and the dry weather that had prevailed over several weeks before the sale acted to discourage liberal buying. Mr. Hartman still has 75 head of sows and fall pigs and says he is still strong for the hog business. He says hogs have paid off more mortgages than any other kind of livestock.

Thirty-three head of registered Hereford cattle sold in the WABAUNSEE COUNTY HEREFORD ASSOCIATION sale held at Alma on September 12, for an average price to the head of \$177. The 15 bulls averaged \$184, with a top of \$570 for one consigned by J. J. Moxley, of Council Grove. The buyer was Ronald Kolterman, of Wamego. Eighteen females averaged \$172, with a top of \$260 paid for a cow consigned by William True, Paxico. The buyer was W. E. Schane, Havensville. The offering as a whole lacked flesh but showed quality above the prices paid. A. W. Thompson was the auctioneer.

Trend of the Markets

Please remember that prices given here are Kansas City tops for best quality offered:

	Week Ago	Month Ago	Year Ago
Steers, Fed.....	\$17.65	\$17.65	\$17.50
Hogs	14.50	14.50	14.50
Lambs	13.85	13.30	15.00
Hens, 4 to 5 Lbs. . .	.22	.26	.21
Eggs, Standards35	.34	.37
Butterfat, No. 146	.46	.46
Wheat, No. 2 Hard 1.74½	1.76	1.65	
Corn, No. 2, Yellow 1.16½	1.15½		
Oats, No. 2, White67	.61½	.70
Barley, No. 2	1.13	1.07½	1.02
Alfalfa, No. 1	26.00	25.00	26.00
Prairie, No. 1	14.00	13.50	14.00

Dairy CATTLE

For Better Udders

Noted for shapely, strongly attached udders that wear like iron

Write for literature and list of breeders near you with stock for sale

Ayrshire Breeders' Association
260 Centre St., Brandon, Vt.

RAISE AYRSHIRES

CHET-AYR FARM Ayrshire bull calves for sale \$40 to \$50. Out of high-producing dams with good type. Calves sired by a Canadian imported bull, whose "excellent" dam made 600 lbs. butterfat at 5 years old. Also a few cows and heifers for sale.

CHESTER O. UNRUH, Hillsboro, Kansas.

Ayrshire Bulls For Sale
Choice individuals of excellent breeding. Eligible to registry.

MRS. A. S. HARPER, Severy, Kan.

JERSEY BULL FOR SALE
To some Jersey man who wishes to increase production and improve type, we are offering the Jersey bull, Tattoo C-4, dropped 6th and 24th, 1944. Sire, Coronation Sybil Master 376854, a proven sire who increased production 96 pounds fat on ten-daughter dam comparisons. Dam, Sophia Golden Fancy 1140309, classified good plus, with a butterfat record of 573.3 pounds. Price \$150.

Careyland Farm, Route 4, McPherson, Kan.

Zantha of Oz 396796
a monarch in his own right—a Five-Star General soon to be promoted to the rank of Six Stars! He is a son of Observer's King Onyx, also a General—Four Star! And his sire was Imported Observer himself—the Fountain Head of the Observers!

A. Lewis Oswald, John Craig Oswald ROTHERWOOD JERSEYS, Hutchinson, Kansas

CHOICE JERSEY BULLS
Ready for service. Excellent breeding and good quality

BROOKSIDE STOCK FARM, SYLVIA, KAN.

Dairy CATTLE

Vogel's Dispersion Holstein Sale
Monday, Oct. 29, 1 p. m.
Nebraska City, Nebr.
at Farm—City Limits



50 HEAD
Registered and High Grades
40 Purebreds—10 Grades.
Tb. and Bang's tested.
25 Matured cows and Heifers.
21 young Heifers up to 2 years.
4 Bulls ready for service.

One of Nebraska's Top Herds. Lots size, excellent type, wonderful udders. Most of them are direct descendants of noted bulls of Clyde Hill Farms. Included is our great herd bull, Clyde Hill Marathon Bess Seven Up, whose dam has a record of 701.4 lbs. fat and she is a daughter of the noted Gold Medal sire, Rock River Hengerveld AL. 25 sons and daughters of his are included. You will get production in these fine heifers. Several of the cows are fresh, others close up.

Vogel's Dairy, Joe Vogel, Prop.
H. J. McMurray, Auctioneer.

Watch for our Consignment Holstein Sale—October 29

Two daughters and one granddaughter of Melerkord Billy Abbecker classified "very good." What we liked best about him was the string of good-producing daughters he left in the herd. One produced 532.6 lbs. of butterfat in her first lactation period; another second calf heifer produced 638.8 lbs. of fat in her lactation period (both on D. H. I. A. twice-a-day-milkings.) Our first year of H. I. R. records ending May 31, 1945, with 12 cows in milk averaged 12,981 lbs. milk and 496.9 lbs. butterfat (all two-time milkings). At present we offer at private sale a baby bull out of a 661 butterfat cow. For more information see catalog of the state sale.

Clarence Quinn, Bennington, Kan.

HOLSTEIN BULL CALVES

For lease or sale: Grandsons of Governor of Carnation from tested dams.

SECURITY BENEFIT DAIRY
Topeka, Kansas.

Serviceable-Age HOLSTEIN BULLS

For sale, sired by a grandson of "Old Billy" and "Old Tritone," whose dam produced 952 lbs. fat in a year and 2430 in 3 consecutive years. Also two out of a son of "Old Tritone." Dams classified and records up to 466 lbs. fat. P. G. HIEBERT, R. 1, Hillsboro, Kan.

Registered Holstein Bulls

Two serviceable-age sons of Shungavally Champion Grimsby (Ex.) from splendid type dams with records of over 400 lbs. fat in heifer form. Also a 4-months-old son of Sir Bess Tidy (proven "Excellent" sire); dam's record 375 fat, 3.87 per cent, 2 yr., 2x, 280 days. Come to see them or write for details.

RUDOLF MUELLER, Halstead, Kan.

PHILLIPS' HOLSTEINS

1 yearling bull and several choice young bulls from 6 to 10 months old. Sired by sons of proven sires. All out of yearly tested dams, records up to 550 fat. Priced mostly at \$150 to \$200. K. W. Phillips, R. 4, Manhattan, Kan.

Smoky Valley Registered Holsteins
Carnation Countryman in service, mating with granddaughters of Sir Billy. Bulls, mated to serviceable age, out of cows with butterfat records up to 500 lbs.

W. G. BIRCHER & SONS, ELLSWORTH, KAN.

BULL CALVES FOR SALE

We bred and developed the first and only Holstein cow in Kansas to produce 1,000 pounds of fat in 365 consecutive days. Young bulls with high-production dams or granddams.

H. A. DRESSLER, LENO, KAN.

GUERNSEY FEMALES

for sale, 2 to 6 years old, sired by a grandson of Ransom's Lucky Leader and bred to a son of Argilla Fashioner 232614, WM. D. BRIGHAM, Burlington, Kans. (South of City Limits).

Registered Guernsey Bulls

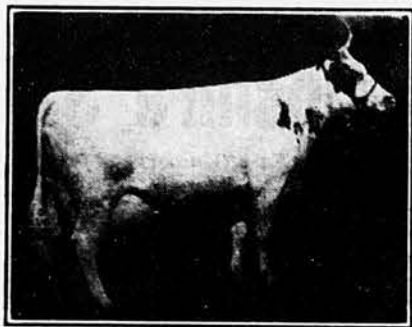
2 outstanding "Rex" bulls of serviceable age. Priced reasonably. Write for details.

ORLANDO UNRUH, Moundridge, Kan.

GUERNSEY BULL CALVES

Whose dams have official records up to 600 lbs. fat, two-time milking. Sired by a son of King Of The Meads, whose dam has an AR record of 615 fat Class F.

J. L. NELSON, R. 7, Wichita, Kan.



50 REGISTERED AYRSHIRES

sell in the Second Annual Central Kansas Ayrshire District Sale
(night sale) At the Fair Grounds
Hutchinson, Kansas
Friday, October 19

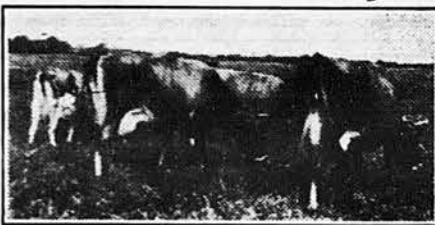
Cows, bred heifers, open heifers, calves and 4 young bulls are included in the offering. Some of the breed's most popular bloodlines are represented. The type is indicated by an Excellent cow. Production is shown by a great deal of Approved Breeding.

Look the cattle over in the afternoon, eat with us at 6 p. m., and buy the cattle at 7:30 at night.

Write Ayrshire Sales Service, Brandon, Vermont, for catalogs.

Auctioneer—Chas. Cole, Jesse R. Johnson with Kansas Farmer. **G. FRED WILLIAMS, Sale Manager**

Cedar Crest Jersey Herd Dispersal Sale



On farm 1 mile southwest of
Manhattan, Kansas
(Highway 40)

Monday, October 15

75 HEAD

of high-grade, high-producing, unrecorded Jersey cows and heifers

40 Cows in Milk (2 to 7 years old).
10 Springing Cows (to freshen soon). 25 Heifers.
1 purebred 18 months old Jersey bull (not registered). 1 spotted pony.
This is a Grade A dairy herd producing bottled milk. Herd butterfat test 5 per cent. From January 1, 1945, to October 1, 1945, the herd produced 110,126 quarts of milk. The herd is Tb. and Bang's tested. Health certificate furnished with each animal. The entire herd was raised and handled by the present owner. Vaccinated for Bang's at 4 to 8 months of age. For further information address

LOUIS HODGSON (Owner) Manhattan, Kansas.

Auctioneer—Col. Lawrence Weiter.

We Owe Whatever Success Achieved

as breeders of registered Herefords to the early selection of Hereford herd bulls.

The great bulls—
Rupert Tone 19th
Bocardo Tone T.
2nd
Royal Rupert 3rd
(son of the
19th)



were responsible for the uniform, rugged, but low-set beefy-type of our present herd. Over the years we have culled closely, watching to detect type defects that act to lower instead of raise the standard of our great breed of cattle. We have on hand for immediate sale

35 BULL CALVES — 25 HEIFER CALVES

Also other cattle of various ages. One or a carload at very reasonable prices for strictly Hazel-bred cattle.

ELY HEREFORD RANCH, E. D. Ely, Prop., Attica, Kansas.

★ AUCTIONEERS ★



Buyers Pay the Auctioneer

If he is capable, understands his audience and knows values. His fee is reflected in increased profit to the seller.

HAROLD TONN
Haven (Reno Co.), Kan.

Chas. W. Cole
Auctioneer

Offers the kind of service that will add more dollars to your auction. Arrange your sale date early.

Wellington, Kan.



GUS D. HEIDEBRECHT

GENERAL AUCTIONEER
Specializing in purebred livestock sales.
INMAN, KANSAS. -- TELEPHONE 1206

BERT POWELL

AUCTIONEER
LIVESTOCK AND REAL ESTATE
1531 Piasm Avenue Topeka, Kan.

Frank C. Mills, Auctioneer
Alden, Kansas

BUY VICTORY BONDS

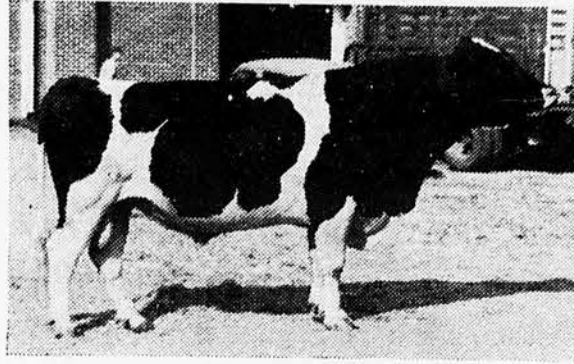
DR. ARTHUR O'DONELL, of Junction City, is establishing a herd of registered Milking Shorthorns on his farm a few miles east of Junction City. He recently purchased a very deep-red classified cow, a pair of choice heifers and a yearling bull from Retnuh Farms at Geneseo.

The **BOOTH & HITCHCOCK** Hereford cattle sale, held at Garnett, was attended by about 400 buyers and observers. Selling in pasture condition, and fall pasture outlook not very good, the local demand was better than that from a distance. The entire offering of 56 head sold for a general average of \$159 with a top of \$265. Every animal went to a Kansas buyer. W. H. Carther, of Harris, paid the top price. A. W. Thompson was the auctioneer.

Fifty-nine head of spring boars and gilts and a few bred gilts sold in the **CARL BILLMAN** Spotted Poland China sale, held at Holton, September 24, for a general average price of \$50. The top boar went to Dan Kelly, of Beloit, at \$75. A yearling bred gilt brought a top of \$83, going to O. H. Stocum, of Garnett. A large per cent of the offering was close up in breeding to the grand champion boar Silver Ace. The offering was too good for the price, but the dry weather of the weeks preceding the sale dampened the interest that otherwise would have prevailed. Taylor & Martin were the auctioneers.

The **MILTON F. HETTENBACH** Polled Hereford cattle and Percheron horse sale held at Abilene September 4, was attended by a large crowd of interested buyers and spectators. The 38 head of Polled Herefords, including a few calves sold as one lot with their dams, averaged \$221, the bulls averaging \$235.83 and the females \$218. Earl Bohling, of Florence, was the heaviest buyer taking several head of females, including the top for which he paid \$300. The 7 best mares averaged \$162 and the colts \$50, which seemed low considering quality but very good the way horses are selling. One pair of mares went to a buyer from Malvern, Iowa. The Palmino stallion sold for \$562. The buyer was J. C. Bowlan, of Herington. Harold Tonn was the auctioneer.

Finkelstein's Holstein Dispersal



at Fairgrounds

Hutchinson

Kansas

Tuesday

October 23

Some of the Tops of the Breed in Kansas

43 head cows

22 open heifers

20 bred heifers

12 young bulls

3 herd bulls

The offering includes some outstanding animals representing:

Rag Apple	Dunloggin	Ormsby breeding
A Lochinvar son	2 granddaughters of	The sons and daughters
A Lochinvar daughter	Dunloggin Woodmaster	of King Creator Cham-
A son of Montvic Rag	2 own daughters of	pion Segis plus some out-
Apple Ajax	Woodmaster	standing milking cows.

EVERY ANIMAL SELLS

Everything 2 years old and under has been officially calfhood vaccinated. King Creator Champion Segis, as a 7-year-old bull is siring great milking daughters, the kind every Holstein breeder in Kansas should see and like. These heifers are extremely dairy, blessed with the right kind of udders and as 2-year-olds, are really producing way above average. Seldom do we see a great breeding bull with milking daughters. You had better look this bull over.—E. A. Dawdy.

Mr. Finkelstein has been a high-priced buyer of Holsteins, bringing to Kansas many outstanding animals in both production and type. Dispersing at this time creates a close-up opportunity to buy cattle that would sell much higher in big eastern sales. Mr. Finkelstein's farm is for sale at private treaty.—J. R. J.

Catalogues will be available October 16.
For Catalogue and Information write E. A. Dawdy, Salina, Kan.
Sale Managers: E. A. Dawdy, Salina—T. H. McVay, Nickerson.
Auctioneers: C. B. Smith, Pinconning, Mich. Charles Cole, Wellington, Kan.
Jesse R. Johnson with Kansas Farmer.

KANSAS STATE HOLSTEIN BREEDERS' THIRD ANNUAL SALE

70 Head Registered Selected Holsteins



Selling at Public Auction

Abilene, Kansas, Monday, Oct. 29

12 o'clock



30 Cows

10 Oper Heifers

20 Bred Heifers

10 Bulls

The two previous Kansas State Sales have been noted for their quality. The animals picked for this year's sale are better than previous years according to the committee! This is the quality sale of the year in Kansas.

The Place To Buy Foundation Females

All animals have been inspected by a member of the Sales Committee. Every animal sells with an individual T.D. and Bang's health certificate made within 30 days of Sale time.

Nearly all animals have production records of their own or on their dams. Nearly all consignors have had their herd classified for type.

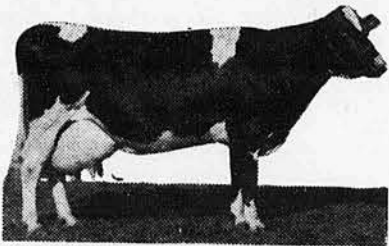
For information and catalogues, write
T. HOBART McVAY, Nickerson, Kan.

STATE SALE COMMITTEE

J. M. White, Topeka, Chairman Herbert Hatesohl, Greenleaf
T. Hobart McVay, Nickerson

The Harry Shetlar & Son

HOLSTEIN DISPERSAL



At farm, 4 miles west and 1 south of Conway Springs. Sale will be held under cover beginning at 12:30—Machinery will be sold in the morning.

Monday
October 15

85 Head of Registered and Grade Holsteins

Every animal selling — The offering includes:

16 reg. cows	25 grade cows including 5 Jersey cows
8 reg. heifers	10 grade yearling heifers
3 reg. bulls	15 bred grade heifers
4 reg. bull calves	5 grade heifers under one year

Many of these cows and heifers will be springing by sale time. This is your opportunity to buy fall-freshening cows.

A Triune son and a double grandson of Kansas' only "Silver Medal" bull have sired everything three years old and under in the sale. All females that are bred carry the service of Meierkord Triune Beauty Dixie, a Triune son from a Billy daughter with 587 lbs. fat as a 5-year-old.

This is an outstanding producing herd on the Wichita milkshed. In 1944, the net return was \$14,000 on 46 cows. In 1945, the net return was \$10,500 for the first eight months.

For catalog and information write **E. A. Dawdy, Salina, Kan.**

Sale Manager—E. A. Dawdy, Salina, Kan.—T. H. McVay, Nickerson.

Auctioneer—Charles Coles, Wellington.
Jesse Johnson with Kansas Farmer.

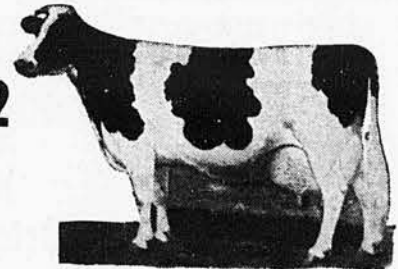
Complete Dispersal Opportunity

A complete dispersal of two great Kansas farmer-bred and developed herds in one great day of selling.

The **Walter Clark & Son, of Garfield, Kan.,**
and the **G. F. Koch & Sons, of Ellinwood, Kan.**

at Fairgrounds

Hutchinson, Kan.
Monday, October 22



55 Head of Clark Cattle
27 Head of Koch Cattle

Walter Clark has spent 30 years of continuous Holstein effort in building the present herd and the results are a great herd of cattle averaging 430 lbs. of fat per year with a high per cent of fat 3.6 per cent and better. A herd that is running at better than 430 lb. rate this year on 22 head in milk. A herd of tight-uddered cows, that are classified for type, have been on continuous test in D. H. I. A. and a herd that is fully accredited, having just received their Bang's certificate number 701 July 2nd. The kind of a herd to buy replacement and foundation females.

The junior herd sire is Macksimum Tovarich Homestead, sired by Osbornedale Count Ormsby Tovarich, and from Macksimum Skylark Faith Francis, 691 lb. Jr., 4-yr.-old (2nd high in the U. S. in H. I. R. in 1943) a few heifers will be bred to him. He sells. Worth-While Blacky, a sweet heifer calf was 3rd prize heifer calf at Hutchinson last week in a class of 17 head. She sells. Waitela Zephia was in the money in a long list of 3- and 4-year-olds. She has 427 fat as a 2-yr.-old. She sells.

A healthy, high-testing, producing herd of desirable Holsteins.

The entire herd of registered Holsteins of the **G. F. Koch & Sons** sells in conjunction with the Clark cattle, due to a recent death in the Koch family.

Nearly one half the herd are the offering of Top-O-Day Butter Girl Vale, 639.4 fat at 5 years and with a complete string of records. She is still in the herd and selling with several of her daughters. One a granddaughter of Fredmar Sir Fobes Triune.

One of the features will be Macksimum Femco Foxy Sue, a daughter of Macksimum Supreme Fairy with 713.6 fat 2X, she is sired by "Femco" and bred to Osbornedale Count Ormsby Tovarich. Due just after the sale. Several other feature attractions. We urge you to be there and buy the blood that has produced a herd average of nearly 400 lbs. fat for the Koch's. Everything will have passed a clean test within 30 days of Sale day.

Be there for the Clark & Koch Dispersals, Oct. 22, at Hutchinson. Management of Dawdy and McVay. Sale headquarters Hotel Leon. Write for catalogs and Hotel reservations to sale managers.
Auctioneers: C. B. Smith, Pinconning, Mich.; Chas. Cole, Wellington; Pat Keenan, Seward.
Jesse R. Johnson with Kansas Farmer.

Kansas Shorthorn Classic, 1945



State Fair Grounds
Hutchinson, Kansas
Wednesday, November 7
Show 9:00 A. M. — Sale 1:00 P. M.

Mervin F. Aegerter, Sale Manager,
Seward, Nebraska.
Sponsored by the Kansas State Short-
horn Breeders' Association.

24 GREAT BULLS :: 43 BEAUTIFUL FEMALES
The greatest group of Shorthorns ever to sell in a Kansas State Sale.

67 Tops from 22 Leading Kansas Herds

CONSIGNORS:

- Geo. J. Wetta, Andale, 1 bull and 1 heifer.
- Frank C. Mills, Alden, 1 bull and 1 heifer.
- Love & Love, Partridge, 1 bull.
- John Recker & Sons, Whitewater, 2 bulls and 2 females.
- W. V. Harshman & Son, Clements, 2 bulls and 2 females.
- Wm. E. Thorne, Lancaster, 1 bull and 1 heifer.
- Kansas State College, Manhattan, 2 heifers.
- E. L. Stunkel, Peck, 1 bull and 1 heifer.
- Arthur Bloomer, Lancaster, 1 bull and 3 heifers.
- L. C. Watts & Sons, Cassoday, 2 bulls and 6 heifers.
- Clarence H. Raistin, Mullinville, 1 bull and 1 heifer.
- Mr. & Mrs. Webster Olson, Clements, 1 bull.
- John L. Lillak, Wilson, 1 bull.
- Rae Reusser, Wellington, 2 heifers.

- Walter Hunt, Arkansas City, 3 heifers.
- Robert Crockett, Kinsley, 2 bulls and 4 females.
- Alvin Otte, Great Bend, 1 bull.
- R. L. Bach, Larned, 1 bull and 1 heifer.
- Boyd L. Mills, Alden, 1 heifer.
- Mellrath Bros., Kingman, 2 bulls and 2 females.
- Tomson Bros., Wakarusa, 3 bulls and 3 females.
- D. H. Clark, Douglass, 1 bull and 2 females.

SIRES REPRESENTED:

- Collynie Royal Barrage
- Imported Lawton Favorite
- Calrossie Prince Peter
- A. L. Cupbearer
- Supreme Admiral
- Divide Olympic
- Wernacres Premier
- Roths Prince
- Golden Oak Royal
- Browndale Douglass
- Divide Gold Porter
- Gallant Victor
- Proud Brownale
- Brawth Boy's Nugget
- Maxwellbar Paymaster
- Maxwalton Harvester
- Edlylyn Radiant
- Command
- Sunnydale Marksman
- College Premier 3d
- Victor's Clipper
- Brownale Goldspur

The catalog tells the story of breeding second to none. For free copy write
MERVIN F. AEGERTER, Seward, Nebr.
Auctioneer—Jack Halsey, Jesse R. Johnson with Kansas Farmer.

1920—PLAINVIEW POLLED HEREFORD FARMS—1945



25th Anniversary Sale
Friday, November 9

On farm, 8 miles from Enterprise, 100 miles northeast of Wichita, and 90 miles southwest of Topeka, Kansas.

50 HEAD

of our very best cattle carrying the blood of closeup champions.

PVF Advance Worthmore 2nd. Thick-fleshed and Compact, National Champion 1942 and 1943.

Among the attractions will be three sons of our great old bull (12 times Grand Champion at state and national shows, 3 times in competition with horned Herefords). These are the last calves by him. 2 bulls and 10 heifers by Real Prince D. 102d W.

7 Bulls and 8 Heifers sired by PVF Worthmore 2nd and 14 Heifers bred to him. 5 Heifers carrying the service of PVF Beau Advance (2nd in class at the great National Show last October in a class of 43 senior bull calves).

Here will be an unusual opportunity to secure champion Worthmore blood. Modern Herefords without horns. For catalog write

This is an anniversary sale and the offering is intended to show the progress made in 25 years of constructive breeding. For this reason heifers are being sold that otherwise would not be offered.
—J. R. J.

JESSE R. RIFFEL & SONS, Enterprise, Kansas

Auctioneer—Earl Gartin, Jesse R. Johnson with Kansas Farmer.

HARVEY COUNTY HEREFORD BREEDERS' Annual Show and Sale



in connection with County Fair
NEWTON, KANSAS

Show, October 17 — Sale, October 19

50 HEAD selected from leading herds of the county.

13 Bulls including several herd bull prospects. 37 Cows and Heifers including 7 cows with calves at foot. WHR, Prince Domino, Hazlett and Anxiety breeding.

The offering is suited to buyers wanting replacement or foundation stock.

For catalog write **PHIL ADRIAN, Secretary, Moundridge, Kansas.**
Auct.: Col. Harold Tonn, Rudy Krehbiel in the ring. Representatives: Hereford Journal and Kansas Farmer.

Northeast Kansas ABERDEEN-ANGUS BREEDERS' 2nd Annual Sale



at 12:30 sharp
Horton, Kansas, October 20

62 HEAD, from some of the leading herds in Kansas.

50 Females including several with calves at foot and rebred to outstanding bulls, bred and open heifers. 12 Bulls of serviceable age, sired by outstanding bulls, such as Sunbeam Revoluton, Bandoller and Bell Boy. Also 25 Club Calves from purebred herds. For catalog address:

HARRY DANDLIKER
Secretary
Hiawatha, Kansas

CONSIGNORS:
C. E. Ward, Highland
G. W. Smith, Highland
Sterling Gilmore, Highland
W. D. Gilmore, Highland
Sunflower Angus Farms, Everest
Enos Honeycutt, Blue Rapids
Harry Dandliker, Hiawatha
Wayne Ykens, Robinson
Dandliker Bros., Sabatha
Mike Wilson, Muscotah
Everett C. Hopp, Highland
Kenneth Hill, Severance

Public Sales of Livestock

Ayshire Cattle
October 19—Central Kansas Breeders', Hutchinson, Kan. Fred Williams, Sale Manager.
Aberdeen-Angus Cattle
October 19—Heart Of America Association, Kansas City, Mo. L. M. Thornton, Secretary, 2825 East 18th St., Kansas City, Mo.
October 20—Northeast Kansas Aberdeen Angus Association, Horton, Kan. Harry Dandliker, Secretary, Hiawatha, Kan.
Guernsey Cattle
October 18—Lyn-Lee Guernsey Farm, Hillsboro, Kan.
December 5—G. A. Horst, Newton, Kan.

Holstein Cattle
October 15—Harry Shetlar & Son, Conway Springs, Kan. McVay & Dawdy, Managers.
October 22—Walter Clark and Son (dispersal), Hutchinson, Kan. Dawdy and McVay, Sale Managers.
October 23—Frank Finkelstein (dispersal), Hutchinson, Kan. Dawdy and McVay, Sale Managers.
October 29—Vogel's Dairy, Nebraska City, Nebr.
October 29—Kansas State Holstein Breeders' Sale, Abilene, Kan. T. Hobart McVay, Secy., Nicolson, Kan.
November 12—North Central Kansas Breeders Consignment Sale, Washington, Kan. Dawdy and McVay, Sale Managers.
November 13—Central Kansas Breeders Consignment Sale, Hutchinson, Kan. Dawdy and McVay, Sale Managers.

Hereford Cattle
October 16—Felix J. Krehbiel, McPherson, Kan.
October 19—Harvey County Hereford Breeders, Newton, Kan. Phil Adrian, Secretary, Moundridge, Kan.
November 1—Morris County Hereford Breeders' Assoc., Council Grove, Kan. C. W. Beck, Secretary, Council Grove, Kan.
November 8—J. H. Banker, Salina, Kan.
November 10—Haven Hereford Cattle Association, Haven, Kansas. Elmer Dierks, Chairman Sale Committee.
November 12—W. H. Tonn & Son, Haven, Kan.
November 14—Sunflower Hereford Futurity Show and Sale, Hutchinson, Kan. J. J. Moxley, Secretary, Council Grove, Kan.
November 15—CK Ranch, Brookville, Kan.
November 16—Premier Hereford Farm, Wolcott, Kan.

Polled Hereford Cattle
November 9—Jesse Riffel & Sons, Enterprise, Kan.
Jersey Cattle
October 15—Louis Hodgson, Manhattan, Kan.
November 16—Ray Smith and W. S. Watson, Fair Grounds, Hutchinson, Kan.

Shorthorn Cattle
November 1—North Central Kansas Shorthorn Breeders, Beloit, Kan.
November 28—Central Kansas Shorthorn Breeders, Hutchinson, Kan. Frank Leslie, Sale Manager, Sterling, Kan.

Polled Shorthorn Cattle
October 30—Lewis W. Thieman & Alpine Farm, Sale at Thieman farm, Concordia, Mo. Sales Manager, M. F. Aegerter, Seward, Nebr.

Milking Shorthorn Cattle
October 12—Hartmoor Dairy, Wichita, Kan.
October 16—Kansas Milking Shorthorn Society, Hutchinson Fair Grounds, H. D. Sharp, Secretary, Great Bend, Kan.
October 17—J. E. Hugenot, Minneola, Kan. Sale at Bucklin, Kan.
November 9—D. P. Ewer, Hillsboro, Kan.
November 14—McPherson County Milking Shorthorn Association, Sale at McPherson, Kan. C. O. Heidebrecht, Secretary, Inman, Kan.

Poland China Hogs
October 12—Bauer Bros., Gladstone, Nebr.
October 16—Ray Saylor & Sons, Manhattan, Kan.
October 20—C. R. Rowe and Son, Scranton, Kan.
October 22—A. L. Wiswell and Son, Olathe, Kan.

SHEEP

Reg. Hampshire Ram Lambs
FOR SALE. Sired by 1944 Blue Ribbon Ram. **DANNEN EASTHILLS FARM, St. Joseph, Mo.**

Beef CATTLE



LATZKE ANGUS FARM

We have nice groups of young bulls and heifers coming on. Among them several grandsons of the 1939 International grand champion, Envious Blackcap 6th.
OSCAR C. LATZKE, Junction City, Kan.

20 REGISTERED HEREFORD CALVES

8 bulls and 13 heifers. 1 bull and 3 heifers polled. Horned Anxiety 4th foundation. Also some cows. Cattle at Council Grove, Kan., and must be sold.
MRS. S. P. SHIELDS, 1128 Kansas Ave., Topeka, Kansas.

Offering Registered Hereford Calves

For Sale: 30 Registered Hereford heifer calves. Price \$85 each.
H. C. ABBOTT, Alta Vista, Kansas.

REGISTERED HEREFORD BULLS AND COWS

10 Young Cows, two with calves, rest bred for spring. 5 Bulls six months old. Cows bred to and bulls sired by Prince Domino Jr. 1st 2581531. Will also sell or trade for another bull, the above sire.
FLOYD LAWRENCE, MERIDEN, KAN.

Registered HEREFORD BULLS Always

70 Breeding Cows (Domino breeding). Royal Triumph 14th in service. Bulls for sale every month in the year. Farm 4 miles east of town.
T. L. WELSH, ABILENE, KAN.

Purebred Hereford Calves

for sale. 16 bull calves and 22 heifer calves. These are an outstanding group of calves. Come and see them for yourselves.
JAMES FAIDLEY, LONGFORD, KANSAS.

LAVINE'S CORRECT-TYPE HEREFORDS
Foundation stock selected from leading Kansas herds. Domino blood predominates. Inspection invited. Stock usually for sale.
E. D. Lavine, Mankato, Kan.

FOR SALE POLLED HEREFORD
herd bull, Beau Perfect 243d, bred by Lewis & Son. Keeping his heifers only reason for selling.
JOSEPH C. MAES, Bushton, Kan.

Polled Hereford Cattle Reduction

35 cows bred, many with calves at foot and rebred to Plato Domino A.A. and Bill's Harmon. Also 8 bred heifers and 12 yearling heifers. For sale one or all.
A. R. Hedrick, Murdock (Kingman Co.), Kan.

15 Choice Shorthorn Bulls

10 to 18 months old. Reds and dark roans. Sired by Glenburn Destiny or Augusta's Prince. See our consignment at Beloit, November 1.
E. C. LACY and GLENN E. LACY & SON, Miltonvale, Kansas.

Krehbiel's REGISTERED HEREFORD SALE

On farm 6 miles south and 4 miles east of McPherson, Kansas. 1 mile off U. S. 81

Tuesday, October 16, 1:30 P. M.

40 HEAD including 25 cows and heifers, 13 with calves at side and rebred. Serviceable-age bulls including herd bulls—**Lorena's R. Domino 1st**, a grandson of **WHR R. Domino 45th**, and **Royal Domino No. 3612921** out of **C. K. Royal Lady** by **WHR R. Domino 45th**. **C. K. Royal Lady** sells also.

All cattle in good breeding condition. Right off pasture. Tb. and Bang's tested. Come help yourself by investing in healthy, thrifty cattle.
A lot of farm machinery sells at 10:00 a. m. A number of good dairy cattle sell in afternoon cattle sale. For catalog write

FELIX J. KREHBIEL, Elyria, Kansas

Auctioneers—Harold Tonn, Ted Krehbiel, Jesse R. Johnson with Kansas Farmer.

Auction Sale of Reg. Aberdeen-Angus Cattle

Friday, October 19

Show, Oct. 18, 1:00 P. M. — Sale Oct. 19, 12:00 Noon.

Barn 3 at Stock Yards, 19th and Wyoming

KANSAS CITY, MO.

Prof. A. D. Weber, Judge — Roy Johnston, Auctioneer.

22 BULLS — 89 FEMALES

Grand Lot of Cattle from Best Herds in Middle West. Ask for Catalog and Plan to Attend.

HEART OF AMERICA ABERDEEN-ANGUS BREEDERS' ASSOCIATION

James E. Nugent, Pres. L. M. Thornton, Secy.
1701 Bryant Bldg. Kansas City, Mo. 2825 East 18th St.

Duroc Hogs

October 6—Clarence Miller, Alma, Kan.
 October 8—Irvin P. French, Sparks, Kan.
 October 11—Fred Farris & Sons, Faucett, Mo.
 October 15—Colorado Duroc Breeders, Greeley, Colo. E. M. McKim, Secretary, 1520 Court Place, Denver 2, Colo.
 October 16—W. H. & H. O. Waldo, (night sale), DeWitt, Nebr.
 October 27—Clarence Miller, Alma, Kan.
 October 27—Neosho Valley Duroc Association, Erie, Kan. James Milholland, Secretary, Humboldt, Kan.
 October 29—Wayne L. Davis, Mahaska, Kan. Sale at Fairbury, Nebr.
 November 3—George Wreath, Manhattan, Kan.

Hampshire Hogs

October 26—Hal Ramsbottom Munden, Kan., and Cliff McClure, Republic. Sale at Belleville, Kan.
 October 22—O'Bryan Ranch, Hiattville, Kan.
 October 23—(night sale) Warren Ploeger, Morrill, Kan. Sale at Horton, Kan.
 October 23—Seneca Hampshire Sale, Seneca, Kan.
 October 27—Missouri Hampshire Breeders' Sale, St. Joseph, Mo. Secretary, Harold Boucher, Brunswick, Mo.

Spotted Poland China Hogs

October 29—Wayne Davis, Mahaska, Kan. Sale at Fairbury, Nebr.

Percheron Horses

December 5—G. A. Horst, Newton, Kan.

A typical Kansas crowd of Southwest Kansas farmers and breeders were on hand for the **BEAR CREEK HEREFORD DISPERSAL** at Ashland, September 5. The offering of 122 lots selling in good pasture condition, brought a total of \$27,565; an average price to the lot of \$226. The 8 bulls averaged \$249, with a top of \$725 paid by George Fritz, of Lake City. The female average was \$224 on 114 lots with a top of \$410 paid by William F. Volkland, of Bushton. Kansas folks did most of the buying, with several good sales to nearby Oklahoma. Among the heaviest buyers were J. J. Huffman, Bushton; Virgil Brown, Ashland; Jim Ray, of Vinita, Okla.; and George R. Stewart, of Coldwater. W. H. Heidenbrand was the auctioneer.

Beef CATTLE



You Can't Beat Shorthorns as Money-Makers

Shorthorns mature faster, produce more milk, have greater weight for age, and are the greatest improvers in beef cattle field. Shorthorn bulls can add 88 lbs. more to crossbred steers directly off grass as yearlings. More new breeders have joined the Shorthorn Ass'n in the last 2 years than any other beef breed. Also lists of breeders who offer seed stock for sale. Subscribe to **SHORTHORN WORLD**—twice monthly—\$1 a year. Write to **AMERICAN SHORTHORN BREEDERS' ASS'N**, Dept. 414, Union Stock Yards, Chicago 9, Ill.

Complete Dispersion -- HARTMOOR DAIRY

Registered Milking Shorthorn Herd

—Tb. and Bang's Accredited—

- 2 Top Herd Bulls
- 21 Grand Cows
- 15 Open and Bred Heifers
- 5 Bull Calves

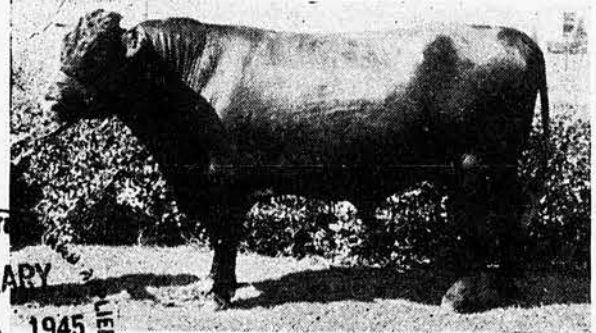
Plus calves under 6 months of age.

Selling at Public Auction

1:00 P. M. Sharp

Sale of Farm Machinery at 10:30 A. M.

Lunch Served at Noon



BROOKSIDE MAPPERTON 78th
 and Champion and Senior Champion
 1944 Kansas State Fair.



Friday, October 12, 1945

Our two herd bulls included in this group are **BROOKSIDE MAPPERTON 78th**, bred by the Bruington Bros., and **GRIFFARM FLASH**, bred by B. J. Griffin. These two excellent bulls have sired some mighty good heifers and bull calves, also selling in this sale.

This offering includes cows such as **MEDORA GIPSY**, RM 7,032—310 lbs in 280 days; **ELECHE PRAIRIE CACTUS**, RM 10,207—395 lbs. as Jr. 3-yr.-old; **FLASH'S EDGEWOOD LADY**, Jr. Champion 1944 Kansas State Fair and sired by Griffarm Flash; and many other top herd cows.

—WRITE FOR YOUR CATALOG TODAY—

HARTMOOR DAIRY, P.O. Box 54, Wichita 1, Kan.

Location—5 miles east of Wichita on U. S. Highway 54, and 1/2-mile north.
 Auctioneer—Burritt B. Allen, Ravenna, Ohio. Jesse R. Johnson with Kansas Farmer.

BANBURY AND SONS Polled Shorthorns 35 HEAD FOR SALE

10 Males (some among the best in Polled Shorthorns). 25 Females, 130 HEAD to choose from. weaned calves to 12 months old. Special prices for September and October.

J. C. Banbury and Sons Plevna, Kansas

9 miles southwest, then 14 miles west of Hutchinson, Kansas.

Reg. Shorthorns for Sale

3 two-year-old cows, 1 four and 1 six years old. Two of them vaccinated for Bang's. 4 six-months-old bulls and the two-year-old bull, Elm Lawn Marksman.

OSCAR E. NELSON, Ada, Kansas.

Dual-Purpose CATTLE PRAIRIE VIEW FARMS

Offering reg. Milking Shorthorn cows to freshen soon and bred and open heifers. Large selection. **LAWRENCE BRUNGARDT**, Gorham, Kansas. Farm 4 miles north and 1/2-mile west of Walker Army Air Base. All-weather road.

Seven Milking Shorthorn Heifers

Choice cherry-red, 18 months old, selling open. Sired by a son of Walgrove Lewis. Herd established 18 years.

H. P. JENSEN, Hunter, Kansas.

OFFERING POLLED MILKING SHORTHORNS Two fresh cows with heifer calves at foot. Also a red bull calf 4 months old. Cows were sired by Corner View Knight qmx.

MAX CRAIG, OSAGE CITY, KANSAS

MILKING-BRED SHORTHORN BULL Two Polled red bull calves fit to sell from our Haumont-bred bull. Can spare a few polled heifer calves at \$200 each.

LESLIE & LESLIE, GOFF, KAN.

Reduction Red Poll Cattle

AT PRIVATE SALE Choice selection of cows, heifers and bulls, good quality and breeding. Reasonable prices.

WM. HEBBARD, Milan, Kansas.

RED POLLED BULLS

for sale. Also cows from 3 to 8 years old.

F. J. TRIMER, Bluff City, Kan.

Dual-Purpose CATTLE

RETNUH FARMS MILKING SHORTHORNS

We are mating 5 outstanding tried bulls (3 classified "Very Good," 2 "Good Plus") and out of cows that classify "Excellent" to 35 cows of proven cow families classified as follows: 18 "Good Plus," 13 "Very Good" and 4 "Excellent." We showed grand champion male and female at our largest spring show last May. We hope to help some one in the future. Could it be you? 3 1/2 miles east and 2 1/2 miles south of town.

JOE HUNTER, R. 1, Geneseo, Kan.

MILKING SHORTHORN DISPERSAL

(Private Sale) 12 HEAD—1 yearling bull, balance cows, bred and open heifers and calves. Mostly sired by a high-record Canadian bull. Nice reds and roans. Tb. and abortion tested. Special price for the entire lot.

J. P. MALONE, LYONS, KANSAS
 Farm on highway, 2 miles west of Lyons.

REGISTERED MILKING SHORTHORN BULLS

We Have For Sale 1 seven months old, 1 eighteen months old, 1 three-year-old. Bulls have good R. M. breeding. Copy of registration certificate furnished on request. Inquire of E. D. SCHMIDT, 3809 St. Joseph Ave., St. Joseph, Mo.

Milking-Bred Shorthorn Bull

Nice roan, son of the R. M. bull, **Neracam Banner**, and out of a good-producing cow of Northwood and Flintstone breeding. The bull is two years old and a good breeder. Price \$300. Also a yearling bull and a heifer at \$200. See these before buying elsewhere.

G. P. HABIGER, Lyons, Kansas.
 Farm 2 miles west of town.

Closing Out Milking Shorthorns

3 Bred Cows Leaving farm and must sell.
 1 Herd Bull All reds and registered, Chief
 2 Heifer Calves Blackwood and Brookside Clay breeding. Also grade milk cows and heifers. Priced for quick sale.

DON F. LANGVARDT
 Woodbine (Dickinson Co.) Kansas.

LOCUST DELL FARM

Milking Shorthorn herd bull for sale, full R. M. pedigree; also young bulls up to yearlings. Can also spare some young cows.

W. S. MISCHLER & SON
 Bloomington (Osborne Co.) Kansas.

RALFALFA FARMS
 Registered Milking Shorthorn bulls for sale. Splendid individuals. R. M. Dams. A red and a roan. Herd federal accredited Bang's and Tb.
 RALPH LUPFER, Larned, Kan.

Big Reduction Milking Shorthorn

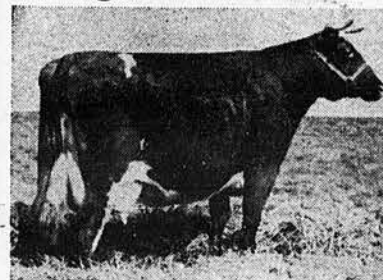
Sale at

Bucklin, Kansas Wednesday, Oct. 17

Sale starts at 1 p. m., sale pavilion.

40 HEAD

comprising a great lot of well-bred cows, bred and open heifers and young bulls.



80 per cent of my entire herd is the result of almost ten years of careful mating, bred to such sires as **Hollendale Knari**, by pride of the North with 13 R. M. daughters, and **Thiesco Claremont Lad**, son of **Kingsdale Pride 13th**, dam of **Northwood** breeding.

The offerings of **Clay**, **Brookside**, etc., include many daughters and granddaughters of **Red Prince**, from the **Dewey Roberts** Iowa herd. Bang's and Tb. tested, never have had a reactor. For catalog write

J. E. HUGENOT, MINNEOLA, KANSAS

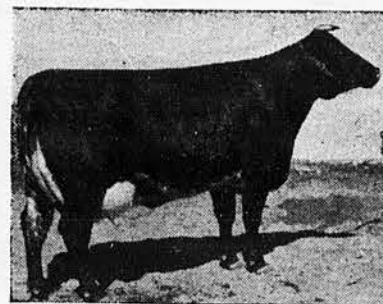
Auctioneers: C. W. Cole, Art McAnarney, Jesse R. Johnson with Kansas Farmer.

Annual Milking Shorthorn Breeders' Association Sale

Fair Grounds, 1 P. M.

Hutchinson, Kansas Tuesday, October 16

42 HEAD, selected from 26 Leading herds (including some Polled Milking Shorthorn heifers.)



10 Cows, all under 6 years of age. 14 Bred Heifers, most of them springers. 18 Heifers, eleven months to yearlings. Most of the heifers vaccinated for Bang's under calfhood plan. Over half of the offering comes from classified herds and the entire offering is backed by Register of Merit Production. Every animal sells with health certificate. For catalog write

H. D. SHARP, Secretary and Sale Manager, Great Bend, Kansas.

Auctioneers—Col. P. L. Keenan, Assistants—Gus Heidebrecht and Art McAnarney. Jesse R. Johnson with Kansas Farmer.

Duallyn Milking Shorthorns

Bull calves, including one of serviceable age, for sale. Bulls from Duallyn now head some of most noted Eastern herds. Home of two National Champion cows—each the product of several generations of Duallyn breeding.
 JOHN B. GAGE, EUDORA, KAN.

ELDORA MILKING SHORTHORN FARM

Bulls, young cows and heifers for sale.
GARY BROWN & SONS
 Route 3 Great Bend, Kan.

Home of cattle with production and quality. Tb. and Bang's clean.

The Tank Truck

News from Your Conoco Agent about Lubricants, Farm Fuels, and Service

FOR A RECORD-BREAKING FARMER— A RECORD-BREAKING OIL!

EVERY once in a while you run into men of the type who just can't help making or breaking records. They're not interested in a record for its own sake, but they've just got something extra that puts them up there with the champions.

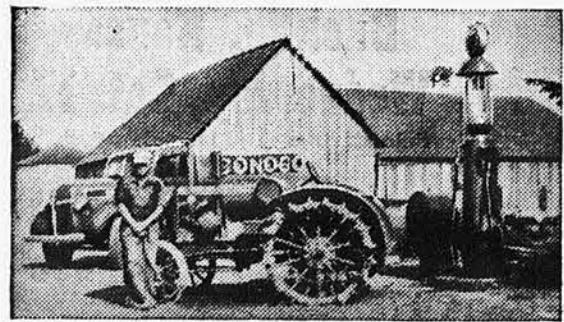
Such a man is Everly W. Austin. The farm he works consists altogether of some 900 acres of land in Boulder and Weld Counties, Colorado. Besides their regular farming, the Austins do a large business in baling hay, an average year's baling running to better than 3,000 tons. The Austins own three tractors—two Oliver's and an International—two hay balers, a combine, two trucks and two cars. They have used Conoco products since 1914—in fact, their first delivery of a Conoco lubricant was made by a horse-drawn tank truck. As far as other records go, one of Mr. Austin's hay balers was purchased in 1914 and is still baling hay—its record being 1,543 bales, or 65 tons in 8 hours and 50 minutes!

Of his experience with Conoco products over the past 31 years, Mr. Austin writes, "I see no reason why I should not continue to use these fine products for another 31 years. I would not hesitate to advise my neighbors to use your Nth oil and greases as I believe them to be high quality petroleum products. We like your gun grease especially, as it stays put in all kinds of weather and under severe operating conditions."

OTHER FARMERS MAKE RECORDS TOO!

Now that's fine as far as long-time satisfaction with lubricants goes, but you'll want to know in still more detail how Conoco products work out in all sorts of farming equipment. Well,

A. V. Nelson finds that Conoco fuel pump mighty handy during busy spells.



\$ DOLLAR-AN-IDEA \$

Ideas that help to make work easier on the farm front are worth a dollar in any man's money! Send your original ideas to *The Tank Truck* in care of this paper—win \$1.00 for each of your ideas printed!

Mrs. R. A. Pipro of Readlyn, Iowa, suggests an idea to keep quilts from falling off the clothesline in drying. She doubles the quilt over the clothesline and fastens it down the sides with clothespins.

The illustration at left shows a gadget for cutting oat bundle strings. Donald Rocks of Joplin, Montana, made the device from an old hammer handle and a discarded mower blade.

Herman Almond of Ozark, Arkansas, says thermos jug corks which have dried and shrunk can be swelled and restored to use by boiling in a covered pan.

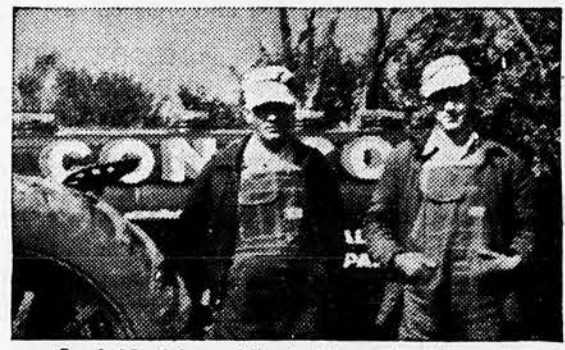
A method for removing part of a bale of hay without ruining the bale is illustrated at right. Marvin Baker sent this idea from Enid, Oklahoma.



plenty of other Conoco users have written to tell us of their experiences.

Here, for example, is part of a letter from A. V. Nelson, whose 320 acres lie near Conway Kansas. "I am convinced," Mr. Nelson writes, "of the quality of Conoco motor oils, as I have used them exclusively since 1933 in an Oliver tractor, a Chrysler car, a Ford truck, and a Baldwin combine. The tractor was purchased new in 1933, has the original bearings, and has had only four sets of rings in the 11 years it has operated." Is that a good record? You bet it is—and Mr. Nelson goes on: "For the past 2 years I have used Conoco gasolines and greases, as well as the oil, and I find all products very satisfactory."

Another user of Conoco products speaks up about another phase of Conoco Nth motor oil's performance. He is Louis Neujahr, who farms 240 acres just outside Seward, Nebraska. He



Louis Neujahr and Louis, Jr., are justly proud of the fine running condition in which Conoco lubricants and regular attention keep their equipment.

writes: "Two years ago I moved one mile east of Seward . . . and I started to use Conoco fuel and I would not buy anything but Nth motor oil. I drain my oil at regular intervals and have never been troubled with sludge and rings sticking, and the oil consumption is just about nothing. . . ."

WHAT'S BACK OF Nth OIL'S RECORD?

Now there you have a pretty good record for a motor oil to make consistently in day-to-day farm work. A record not only of wear-resistance,

AT YOUR SERVICE WITH:

- Conoco Nth motor oil—Conoco HD oil
- Conoco transmission oils—Conoco pressure lubricant
- Conoco Pump-lube, Racelube and Cog-lube
- Conoco Suijind grease, cup grease and axle grease
- Conoco Bronz-z-z gasoline—Conoco tractor fuel
- Conoco diesel fuel—Conoco kerosene and distillates

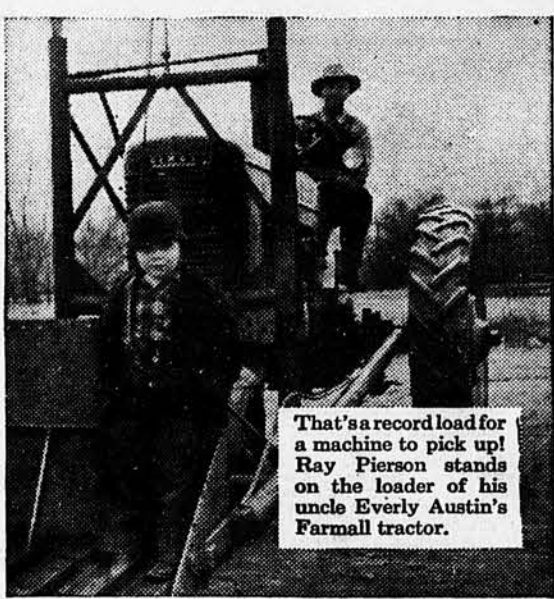


**AT THE WHEEL
OF THE
TANK TRUCK**



Wondering about the future of American farming? Part of the manpower phase of the problem at least is in the process of solution. A recent survey in the Army indicates that approximately 11% of our Army, or about 800,000 men, wish to take up farming after the war. All are not beginners, for over 90% of them have had previous farming experience.

Every year some 200,000 forest and range fires lay waste over thirty million acres of American land—an area equal to the whole state of New York. Farmers, rangers and stockmen can help prevent some of these fires by strict observation of fire safety rules. Light no fires during extremely hot or dry weather, or during windy spells. Never leave a fire unattended.



That's a record load for a machine to pick up! Ray Pierson stands on the loader of his uncle Everly Austin's Farmall tractor.

but of cleanness also. And after reading what these three men have said of their own experiences with Conoco products, and especially Conoco Nth motor oil, you well may ask, "What's Conoco Nth got that makes it perform so well for so many farmers?"

Well, there are two good reasons for Nth oil's special performance characteristics: First of all, Nth oil contains an added ingredient developed for it by relentless research. This ingredient has the special ability to attach lubricant to metal as if magnetically. Fastened in place for many a day, this OIL-PLATING teams up with Nth oil's tough liquid-type film to fight the frictional wear that occurs in everyday running. And OIL-PLATING fights also the corrosive wear that would otherwise be caused by engine acids, always left behind when combustion ceases!

In addition to this OIL-PLATING ingredient, Nth oil contains a second specially developed substance called *Thiathene inhibitor*, which has the property of retarding any breakdown of the oil itself.

Guarded two ways by Conoco Nth oil, your engine not only resists wear, but is enabled to fight against undue increase of carbon, gum, and sludge. Furthermore, economy in both gas and oil is maintained, and the engine is given its best chance to live its full service life.

Get the full protection of Conoco Nth motor oil in your own farm engines. All you need do is call Your Conoco Agent. He's ready to bring you Nth oil and all the other Conoco lubricants and fuels for farm use. You'll find him willing and able to help you with advice on lubrication problems, too—and he's got a FREE Conoco Tractor Lubrication Chart made up for your own type of tractor. Call him for your FREE Chart today. He'll bring it out to you without any obligation. Continental Oil Company

