



Upper B. J.

Copy 2

OCTOBER 7, 1944

KANSAS FARMER

CONTINUING MAIL & BREEZE

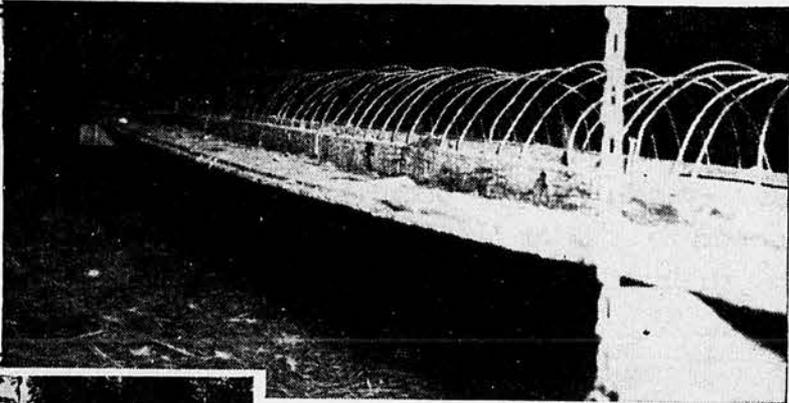


J. A. Hendriks, right, Anderson county Extension agent, shows C. W. Watson why one of his hens should be retired and sent to town. Farmers thruout Kansas are culling more sharply this year to prevent feeding nonpaying boarders in the laying house.



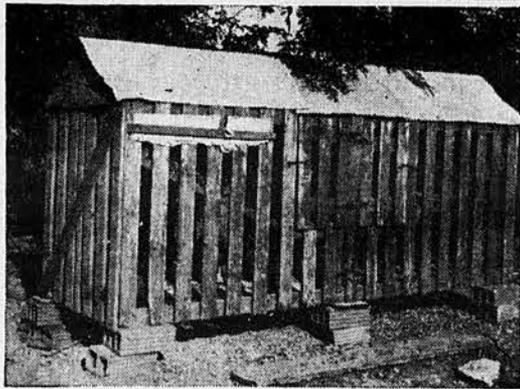
These nests in the laying house on the Harry S. Ayres farm, Anderson county, are fixed so they can be pulled out like a drawer for easy cleaning. They also can be tipped up in the back at night to keep hens out. A chain is used for this purpose.

CHICKENS ARE Indispensable



This swinging hopper in the Ayres laying house is easy to fill, will not tip over and allows added floor space for the layers.

CHICKENS are such a vital part of the average farm program, most farm families will continue to raise them without regard to market trends, feed costs or wartime handicaps. However, raising chickens hasn't been easy the last several years, altho the feed-egg ratio has been favorable part of the time. Poultry must be given lots of care to produce profitably, and this has been difficult because every member of the farm family has been doing more than his share of other work to help produce the record-shattering totals of crops and livestock.



A broody coop that will cure a hen in 3 days is shown here on the Floyd Delimont farm, Miami county. It is homemade and has 2 compartments with a central feed hopper for both pens.

There have been other handicaps, too. Materials for enlarging or building new housing facilities for poultry have been almost impossible to obtain. On the other hand, equipment for use inside poultry houses has been available most of the time and investigations disclosed that most poultry raisers were able to get equipment eventually, altho they have had to look in a number of places or have been delayed in getting what they wanted because of temporary shortages.

Feed shortages have not been as severe as generally believed, according to reports from farmers themselves. Meat scraps have been about the most difficult to get but a surprising number of farmers have found a supply. Neither has the shortage of protein concentrates used in mashes had any ill effect on egg production, or on the health of farm flocks, and this is a credit to the many commercial companies handling poultry feeds.

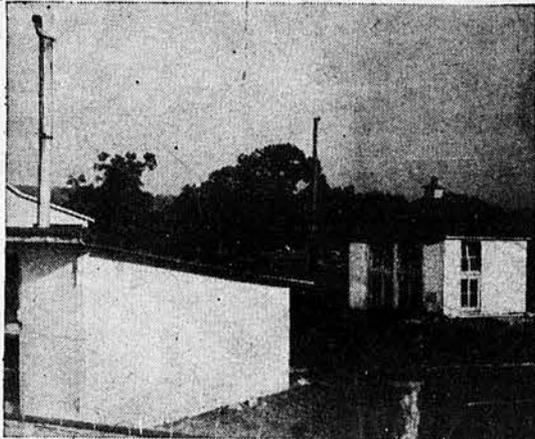
There are isolated cases in the state in which flock owners believe feed deficiencies have been responsible for sickness or egg production loss, but they are so rare it may well be that other causes were responsible. There is evidence that low protein content of

some feeds has had a tendency to reduce hatchability of eggs and this probably has been unavoidable.

Most farm flock owners expect the price of eggs to come down after the war with Germany has ended, but they are not worrying about it because they also expect the price of feeds to follow the same trend. At present the feed-egg ratio has taken an unfavorable trend for the producer. One farmer pointed out that eggs are down about 9 cents a dozen from 2 years ago while the price of feed is up 60 cents a sack over the same period.

Many farmers are doubtful about the present ratio being profitable and are certain that any further reduction in egg prices without a corresponding reduction in feed prices would mean certain loss for their poultry projects, but still they are not planning to cut their flocks below normal.

Size of farm flocks generally is determined by the size of the [Continued on Page 22]



Brooder houses on the Sam Rose farm, Miami county, are always on clean ground, one of the best recommended sanitary practices. This lot has been plowed and prepared for seeded grain pasture.

Firestone

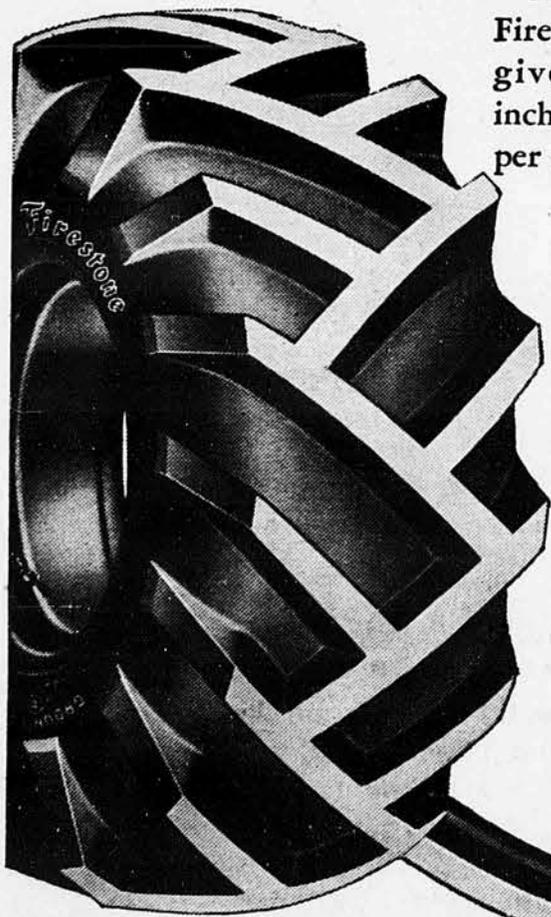
GROUND GRIP TIRES

Give EXTRA TRACTION because

THEY CLEAN BETTER!

HAVE you been hearing or reading claims about tractor tire cleaning lately? As a farmer, you are entitled to know the facts. And here they are:

Remember that the Firestone Ground Grip Tread is *patented*. Its extra-long, triple-braced traction bars do not have "broken center" traction leaks, no trash-catching stubs or buttons. The wide, curve-sided, round-cornered spaces between the bars clean easily, even in soft soil, because there are no corners or pockets for mud to stick or hide. No wonder Firestone Ground Grips clean so much better in ALL soil conditions.



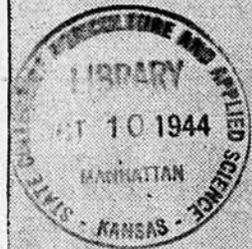
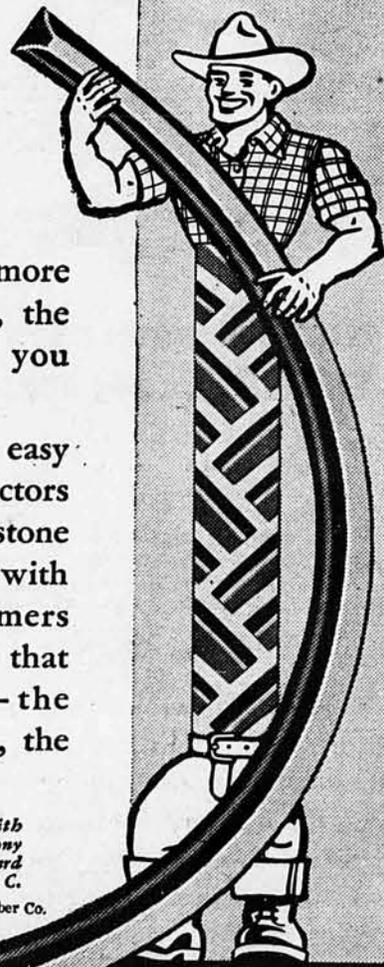
And don't forget that Firestone Ground Grip Tires give you up to 215 *extra* inches of traction bar length per tractor. That means *extra*

pulling power—and the more pulling power you get, the more time and money you save!

From these facts, it's easy to see why more farm tractors are equipped with Firestone Ground Grip Tires than with any other make. Farmers naturally want the tires that pull better longer—the tires made by Firestone, the pioneer and pacemaker.

Listen to the Voice of Firestone with Richard Crooks and the Firestone Symphony Orchestra, under the direction of Howard Barlow, Monday evenings, over N. B. C.

Copyright, 1944, The Firestone Tire & Rubber Co.



FIRESTONE PUT THE FARM ON RUBBER

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

Big Help to Corn

A graphic demonstration of the value of using sweet clover just ahead of corn in the crop rotation plan was discovered this year by Jess Copenhafer, of Crawford county.

Using Midland yellow dent corn, Mr. Copenhafer planted 2 sections of a field the same day with the same seed, part on sweet clover ground and part on ground not previously in clover.

Recently he walked along the inside line of these 2 plots and took 50 hills of each plot, field run, counting the ears. Those hills not on clover ground produced a lot of blank stalks and there was a total of 49 ears to the 50 hills. Right alongside, on the sweet clover ground, an equal number of hills had produced 70 ears.

Then Mr. Copenhafer husked out the ears in these 2 test rows and weighed them. Those not on clover ground had an average weight of 12 ounces while those on clover ground had an average weight of 20 ounces.

Potato Silage Good

With potato dehydration plants in the postwar picture for Kansas, farmers in the state will be interested in potato silage and feeding tests conducted by the New York experiment station. All dehydration plants have a large supply of peelings and culls that can be turned into livestock feed.

In the New York experiments one pound of hay was ensiled with each 10 pounds of cull potatoes. For feeding, 2 groups of 7 cows were selected; one group receiving corn silage, and the other potato silage, both at the rate of 40 pounds to the cow daily, and the rate of grain and hay feeding unchanged from previous levels. The cows have readily eaten the potato silage and have produced milk just as satisfactorily as on corn silage.

A Sorghum Price Tip

Marketing sorghum grains direct from the field may bring farmers considerably less than current ceiling prices, believes Dwight S. Tolle, Kansas State College marketing economist, due to the fact that Kansas production will be 2½ times as large as last year and 3 times as large as the average.

Altho poor quality and high moisture content of sorghums make storage a problem, it appears probable that, by late winter, feed grain prices for all feed grains will return to ceiling levels. Mr. Tolle predicts.

Have Big Appetites

Bees need about 6 times their own body weight a year in feed, which means that a 10-pound colony requires 60 pounds of honey and 4 or 5 combs of pollen stored in the hive to carry it thru the winter. Leaving the honey stored in the hive will bring a beekeeper larger returns in new honey than buying winter bee food.

Bees can protect themselves to a remarkable degree against freezing temperatures and chilly winds. Experimental tests have shown that if a healthy, well-fed colony is sheltered from the wind, exposed to full sunlight and the ventilation regulated, it will be a strong, productive colony, whether or not the hive is insulated. Several weather sometimes is blamed for the loss of a colony when the real cause is either disease or too little pollen of honey.

KANSAS FARMER

Continuing Mail & Breese

Vol. 81, No. 19

- ARTHUR CAPPER Publisher
- H. S. BLAKE General Manager
- Raymond H. Gilkeson Editor
- Dick Mann Associate Editor
- Cecil Barger Associate Editor
- (On Leave—Army)
- Florence McKinney Women's Editor
- Dr. C. H. Lerrigo Medical Department
- James S. Brazelton Horticulture
- Mrs. Henry Farnsworth Poultry
- Jesse R. Johnson Livestock Editor

Published the first and third Saturdays each month at Eighth and Jackson streets, Topeka, Kan., U. S. A. Entered as second class matter at the post office Topeka, Kan., U. S. A., under Act of Congress of March 3, 1879.

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

Bid 'em Good-bye While Prices are High!

The PRO-LASS Boys are market-bound
Top-price porkers, prime and sound



The little piggies and mother sow
Get luscious PIG-MAMA...and how!

● Bring them along fast, right from the start . . . finish them off heavy and prime, quickly . . . get them to market weeks earlier! Bid your hogs good-bye while prices are high! That's the way to make real profit from your feed and hard work in the hog lot. These two famous STALEY feeds can help you do it.

STALEY'S PIG MAMA—a feed known and preferred by thousands. Feed only two sacks per litter, with home-grown grains or shorts. Pig Mama helps condition sows to farrow large, healthy litters and to insure rich, nourishing milk for nursing their little pigs. A big help too, in raising good pigs quickly and economically. Feed Pig Mama until pigs are weaned. No mineral or tankage needed.

Start 'em with Finish 'em with

STALEY'S

PIG MAMA **PRO-LASS PIG and HOG SUPPLEMENT**

STALEY'S PRO-LASS Pig and Hog Supplement—helps you get full feeding value from home grains . . . a supplement that has proved a big aid in developing shoats with big frames and in fattening them to a prime finish at low feeding cost. It is **GUARANTEED TO HAVE THE PRE-WAR CONTENT OF PROTEIN** . . . plus eight vitamins and the minerals so often lacking in home-grown grains, yet so necessary for rapid growth and development. Thousands have proved the worth of Staley's Pro-Lass in helping to produce big hogs at low cost . . . with less grain. Try it . . . and judge by results!

Get Staley's Pig Mama and Pro-Lass from your dealer today!

STALEY MILLING COMPANY, Kansas City 16, Mo.

BECAUSE I regard the national election next November 7 as the most fateful and decisive in the history of the United States, I am going to make a few suggestions.

In the first place, be sure you vote; that every member of your family entitled to vote casts a ballot; talk over the importance of this election with your neighbors.

The results of the national election may determine whether this is to continue to be a republic in fact as well as in name.

Thruout recorded history we know that freedom-loving people have attempted, time and again, to create and maintain representative forms of government in which the individual would retain the maximum of freedom and opportunity; would keep the dignity of the individual alive.

Some of these republics have lasted thru several centuries; some have been short-lived indeed. But all thru history the beginning of the end of republican governments has come when the people have allowed a so-called "indispensable man" to hold the reins of power too long. He always was followed by other "indispensable" men who found that emergencies required their services.

We have had 12 years under one president; that President thinks he ought to be president for 16 years.

I suggest that each voter ask himself the answers to some questions like these, before casting his vote next November 7:

Have we, the American people, got so much from this 12-years of one President that it is necessary to keep him in power another 4 years?

Have we got a better Government than we have had before?

Has the individual gained or lost freedoms and opportunities during the last 12 years?

Do local communities have more, or less, to say about their own affairs, and what the people in local communities can do and can have?

Do we have more bureaucracy, or less bureaucracy, in government than we had before the New Deal?

Do we have more regimentation of the individual, or less regimentation, than we had before the New Deal?

Has the individual more liberty to engage in the pursuit of happiness, or less liberty, than he had before?

Now the value of your property, your money, your income, your savings, in the last analysis depends very much on the financial stability of your Government.

Is your Government's financial stability today greater or less than before the New Deal?

A wasteful, extravagant administration of public affairs in the course of time wastes the substance of the people.

Is your Government today more wasteful or less wasteful than it was before the New Deal?

When the New Deal came into power the federal tax per capita was under \$25; today it is over \$300 for you and each member of your family.



vented from now on, 1944 losses will be well over 400 million dollars, a new record high for any year since 1932.

Now, big figures are a little difficult to understand so let's break that 400 million dollars of fire loss down a bit to see just what it represents. It means that some house has caught on fire every 1 1/2 minutes this year. It means there has been a farm fire every 7 1/4 minutes. A factory fire every 18 minutes.

A store fire every 8 minutes. One year's fires attacked 7,800 hotels, 1,000 hospitals, 1,400 theaters, 2,000 creameries and dairies, 2,800 churches, 28,500 garages and filling stations, 1,400 lumberyards, 2,100 flour mills and grain elevators, 24,000 schools and colleges, 10,000 restaurants, 20,000 barns—the list is very long, and it names almost every kind of property that will burn.

In normal times such huge losses are very serious. They represent suffering and death, men out of work, families without homes—and on the farm perhaps a whole year's production "gone up in smoke." But right now, with America fighting two of the most vicious wars in history, losses from fires are many times more tragic. It isn't easy by any means, to find time to observe anything special in these trying days. I know that is especially true on the farm. The facts are that the full production of one out of every three civilian workers is going to war. That more than 28 million people, or 45 per cent of the Nation's total labor force, are in the armed services or engaged in war production. And every minute counts with them. I have a suspicion that 28 million figure should be raised, as it doesn't include enough farm folks. Virtually everyone left on every one of our farms is busy with the most important kind of war work—food production.

Yet I still urge my farm friends to do something special about observing National Fire Prevention, not only next week but every week ahead. It is said 90 per cent of farm fires are preventable. Hunt out the fire hazards on your place as you go about your work. One fire stopped before it starts may save one of those 3,500 precious lives that are lost annually; will save valuable crops, a dairy herd, a barn, food needed by our fighting men.

You know what to look for on your farm better than anyone else. It is helpful to note that 11 per cent of farmhouse fires are due to sparks igniting the roof. Another 15 per cent of these fires are caused by defective chimneys and flues. If the area around the furnace isn't properly insulated, the wood studs may be exposed and catch on fire. Ashes sometimes are dumped in the wrong place. Experts who study fire causes find these facts true. It is known that a fire in a farm building causes an average loss of 74 per cent of the total value, so I believe observing fire prevention every week is highly important and entirely patriotic.

Arthur Capper

Are your taxes higher or lower than they were 12 years ago?

Perhaps you are or are not one of those "new thoughters" who believe that the greater the national debt, the greater the prosperity of the country.

When the New Deal came into power, your per capita share of the national debt was \$183.

By the end of this fiscal year it will be \$2,000—for you and each member of your family.

During less than 12 years of the New Deal, the Administration has collected 160 billion dollars in taxes; has expended 370 billion dollars; has enjoyed deficit spending to the tune of 210 billion dollars; has run the national public debt from under 30 billion dollars to more than 250 billion dollars.

For every dollar of taxes collected the Roosevelt Administration has borrowed more than \$1.50; for every dollar of taxes collected, has expended more than \$2.30.

The "silly old fool dollar sign"—to quote a very high authority—has been thrown out the White House window all right—but it is waiting on the porch demanding recognition from you and your children and their children.

Even before the war, this Indispensable Man had expended—for peacetime activities—had managed to spend more money than 27 of his predecessors, and borrowed more than all 30 of his predecessors.

We face an important election.

Losing One Battle

I WISH to urge every Kansas farm family to join with other folks thruout the United States in observing National Fire Prevention Week, October 8 to 14, in some special way. I say this because I find here on the home front we are accused of losing one important battle. The battle of fire prevention. And from what I learn we are guilty.

Let me point out a few facts to prove this. Fire losses have been constantly increasing since 1932, in this country, and by 1943 the total national fire loss reached almost 400 million dollars. This loss included more than 1,000 homes destroyed by fire a day; not a year, mind you, but 1,000 homes every day, and many of these were on farms. This heavy loss also included 40,000 farm buildings. Worst of all, these fires took 10,000 lives, about 3,500 of them on farms.

If we take a shorter period the results show the same trend. For the first 7 months of 1944, fire losses are nearly 14 per cent higher than for the first 7 months of 1943. And authorities who check up on such trends say that unless more fires are pre-

Our Share of National Debt Is Pretty High

By CLIF STRATTON

Kansas Farmer's Washington Correspondent

WASHINGTON, D. C.—A Kansas newspaper floated across a desk in Washington the other day, headlining Kansas bank deposits are now more than one billion dollars.

Back in 1931, the year before the Magnificent Obsession, bank deposits in that typical prairie state were under \$400,000,000.

Even in 1938, with five years under the Magnificent Obsession, the deposits were only a little more than \$400,000,000.

Kansas and Ohio and the rest of the Nation are rolling in dollars these days.

But most silver linings have clouds. And dollars, tho they be paper dollars, are not an exception.

Back in 1931, when Kansas bank deposits were just under \$400,000,000, the Kansas share of the national debt, on a per capita basis, was around \$350,000,000.

And in 1938, when Kansas bank deposits had just crept over \$400,000,000, the Kansas share of the national debt had grown to around \$610,000,000.

Today, when Kansas bank deposits have jumped to one billion dollars plus, the Kansas share of the national debt has leaped to \$3,600,000,000.

What price these bank deposits?

Paying Parity Prices

War Food Administration is proceeding to carry out the Congressional mandate to assure parity prices for basic commodities. On September 25, Marvin Jones, War Food Administrator, with the approval of the Director of Economic Stabilization (Vinson) announced the Commodity Credit Corporation until June 30 will arrange to

buy all 1944 crop cotton from farmer producers at parity. The announcement for wheat, issued at the same time, reads as follows:

"Pursuant to the Act of Congress, the War Food Administration will also purchase, thru the Commodity Credit Corporation, from producers, all unredeemed 1944 wheat which is under loan May 1, 1945, at parity prices (1944 loan rates plus 15 cents per bushel) less all carrying charges to the end of the storage year (for warehouse loans, May 31 in the southwest and June 30 in all other areas, and to date of delivery in May and June for farm storage loans). In addition, Commodity Credit Corporation purchase prices for wheat in storage in terminal and subterminal elevators, which is being

acquired to meet feed wheat and other Government requirements, will be advanced from time to time during the season."

Congress is preparing for an extensive highway and street construction program, to start in the first year after war's end and continue 3 years. Just before the campaign recess the Senate passed and sent to the House the new highway bill (S. 2105), which will act before the session ends.

The measure calls for annual appropriations of \$450,000,000 (three times pre-war) for 3 years; to be matched 50-50 by the states; \$200,000,000 for Federal aid highway system, apportioned under existing formula (one third population, one third area, one third post-road mileage); \$125,000,000 farm-to-market roads, apportioned on formula, one third area, one third rural population, one third post-road.

(Continued on Page 16)

Plan Hereford Futurity

Kansas Hereford breeders are going to try something new in the way of breed development and promotion. Fifty of the top breeders of the state opened up the best of their herds for an inspection committee to select a total of 60 of the best in their herds for a futurity show and sale in Hutchinson on November 16. As the name implies, only outstanding animals of future herd-building material were to be selected.

The breeders paid an advance of \$10 a head on May 1, when they nominated their animals, and \$25 a head on August 1, to guarantee the presentation of their top animals and to provide premiums and expenses for the show and sale.

Test Sorghums First

To avoid discounts for moisture content on grain sorghums sold from the field, farmers are advised by Dwight S. Tolle, Kansas State marketing economist, to determine the moisture content of their kafir and milo. This, says Mr. Tolle, is a 2-minute job for any elevator that has an electric moisture tester.

He pointed out that grain sorghum can feel hard and dry to the touch, yet carry 16 to 17 per cent moisture. Sorghums containing more than 14 per cent moisture are likely to heat in storage. If grain must be harvested with a high-moisture content, and storage is available for shallow binning or occasional movement, farmers will do well, says Mr. Tolle, not to sell grain sorghums at prices under the support level as it is probable the price will exceed support level by early spring.

Coyotes Got Turkeys

Dear Editor: In your issue of Kansas Farmer of September 2 was an item concerning the state bounty on coyotes. As I am a small turkey raiser I am greatly interested in this lowering of bounty, and I hope they will not do it, as I'm afraid if they do those hunters are going to stop looking for coyotes. Then what are we poor poultry raisers going to do?

The coyotes have gotten about all of my turkeys this season as well as some other livestock.

I say, and believe I am speaking for hundreds of other folks, if there is any way at all to keep this bounty of \$1 or even raise it, if possible, as long as we get rid of the coyotes that's the main thing.

Anything Kansas Farmer can do toward this matter will be greatly appreciated by every farmer I am sure. —Mrs. E. A., Cloud Co.

Wins Skelly Award

Unusually high food production, ingenuity in overcoming labor handicaps, and community leadership have won the W. G. Skelly award for Superior Achievement in Agriculture for Rodger Blanchard, Bennington. Mr. Blanchard operates a 2,000-acre ranch and is widely known among Kansas cattle and sheep men.

Got 7 Extra Bushels

Adding phosphate at wheat planting paid Henry Hatesohl, Washington county, at the rate of 7½ bushels an acre. In the fall of 1943, Mr. Hatesohl put 100 pounds of 20 per cent phosphate an acre on a field when he drilled his wheat. To get a comparison of the effect of the phosphate, Mr. Hatesohl did not use phosphate on the last few rounds. There was such a noticeable difference in the wheat that E. L. McClelland, county agent, harvested a plot of both treated and untreated

Halloween Fun

Halloween is October's special date for hilarious parties. We have a new leaflet chockful of suggestions for plenty of fun. There are invitation, decoration and refreshment ideas and a dozen gay Halloween games, for small or large groups. Send 5c for a copy of the leaflet to Entertainment Editor, Kansas Farmer, Topeka. Your order will be given prompt attention.

and sent to Kansas State College for yield determination. Where the wheat had received 100 pounds of 20 per cent phosphate an acre the yield was 21.1 bushels an acre with a test weight of 54.7. On the untreated ground the wheat yielded 13.6 bushels an acre with a test weight of 49.2. Different soils in the county react differently to the addition of phosphate. Several fields this summer showed outstanding results from the addition of phosphate as did the field of Mr. Hatesohl.

A Popular Lease

The stock-share lease is growing in popularity among Kansas landlords and tenants. It is best adapted where the farm is suited for livestock production and where the landlord and tenant are well acquainted and both know the problems of agriculture in the community. Many farmers are using this lease when they wish to turn their farms over to their sons to operate. Copies of lease forms for this type of leasing may be obtained at the office of the county agent.—W. E. Grimes, K. S. C.

USE "Noursite" PICKER ROLL Compound

For Better Picking and Cleaner Husking

"NOURSITE" helps your corn picker do a cleaner, better job of picking and husking... keeps it on the job 100% in either dry or damp weather.

"NOURSITE" is economical... use sparingly... light applications several times a day will prevent gumming and get best results.

Save every ear... order "Noursite" CORN PICKER ROLL Compound from your dealer today.

NOURSE OIL COMPANY, Kansas City 8, Mo.

"Business is Good!"



★ BUY MORE WAR BONDS and SAVINGS STAMPS ★

A PICTURE STORY OF

Pioneer

Hybrid Seed Corn



1 Endless Research and Sound Breeding.



3 plus Painstaking Processing.

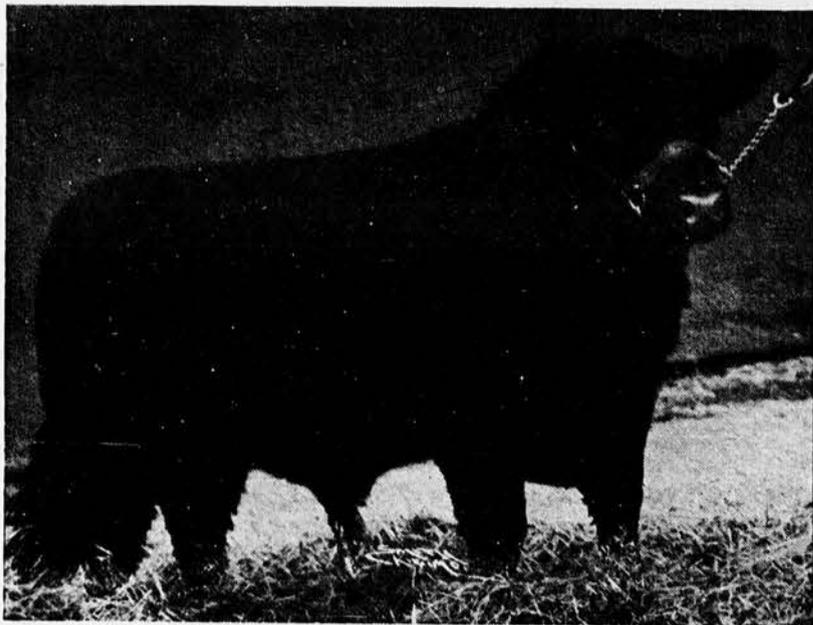


2 plus Careful Production.

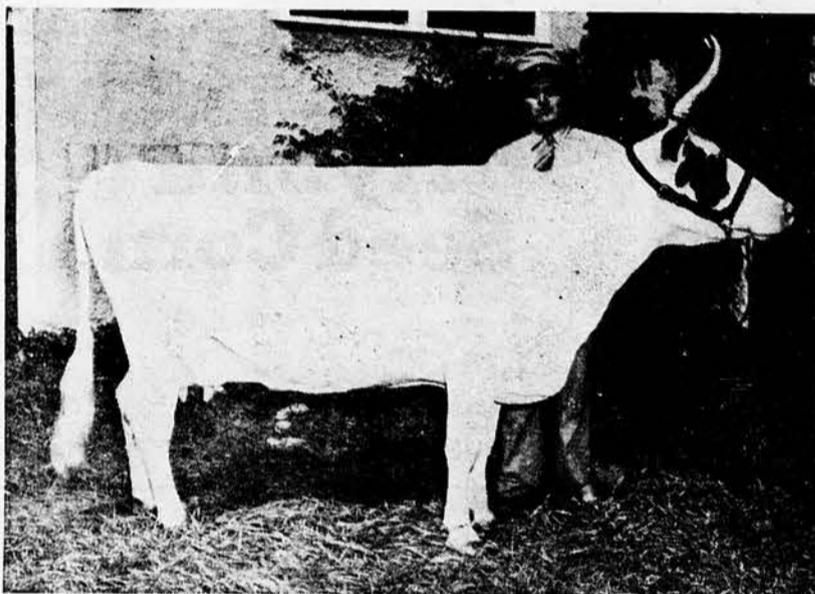
PRODUCES RESULTS LIKE THIS ---

Better
PIONEER
Hybrids
Come From
Endless
Research

GARST & THOMAS
HYBRID CORN COMPANY COON RAPIDS, IOWA



This 2-year-old Angus bull, Envious Eileenmere 3rd, won his class at both big Kansas fairs this year at Topeka and Hutchinson. He was among the entries shown by Simons Angus Farm, Maize.



This Ayrshire cow, shown by Richard and Raymond Scholz, Atchison county, was grand champion female in the Ayrshire division at the Kansas Free Fair. Showing the cow in this picture is Irvin Dannenberg, Brown county, president of the Northeast Kansas Ayrshire Association.



For the first time in the history of the Kansas Free Fair, a "Soft Wheat Quality Show" based on baking qualities was held this year by the Kansas Wheat Improvement Association. The winner was Merl Barnes, Woodson county, with a sample of Clarkan. His wheat had a test weight of 59.7; protein 10.85; cake volume 10; and cake score 97. Cakes were baked by the Department of Home Economics, University of Missouri, and everything was done on a commercial basis with ingredients machine weighed and mixed. Contest was open to Eastern Kansas and first tier of counties in Missouri. Shown holding the winning cake is Patricia Lenahan, Leavenworth county.



Donald Welton, Rantoul, shown with his champion Hampshire ram lamb, won all major championships at the Kansas State Fair. He had champion flock, Kansas Bred Flock, lamb flock, championship ram, championship ewe and ram lambs.



The best corn show in 24 years was held this year at the Kansas Free Fair, but it didn't stop Rolly Freeland, Atchison county, from again winning the sweepstakes prize for the best 10-ear sample. Mr. Freeland has been winning sweepstakes at both Kansas fairs consistently in late years. Showing the prize corn is C. C. Cunningham, El Dorado, judge of the corn show.



Champion Poland China gilt and champion barrow over all breeds in the Kansas Free Fair 4-H Club swine show were entered by Albert Morgan, Welcome 4-H Club, Geary county.



This Butler county beef herd won first at both fairs this year. The group is made up of animals from the ranches of Frank Condell, Will Condell, R. O. Winzer, and B. A. Banks.

War Production Success

Proved by Farm Exhibits at Big Fairs

By DICK MANN

A COMBINATION of near ideal weather conditions and the determination to do a good wartime job on production, enabled Kansas farmers this year to break records right and left in the 2 big agricultural expositions, the Kansas Free Fair, at Topeka, and the Kansas State Fair, at Hutchinson.

The largest and best corn show in 24 years at the Kansas Free Fair was reported by C. C. Cunningham, El Dorado, who has judged the show for nearly a quarter of a century. Preston Hale, superintendent of the crops division for 11 years, also said that crops exhibits were the best in his experience.

A new and valuable addition to the crops program at the Free Fair was a "Soft Wheat Quality Show" sponsored by the Kansas Wheat Improvement Association and open to Eastern Kansas and the first tier of counties in Missouri. A sample of Clarkan grown by Merl Barnes, of Yates Center, won the contest. Samples of soft wheat were milled and then baked into cakes by the Home Economics Department of the University of Missouri. The winning wheat had a test weight of 59.7 and a protein content of 10.85. Cake volume was 10 and the cake score was 97 out of a possible 100.

Livestock numbers at the Free Fair were about the same as last year with quality as high or higher. Machinery exhibits in large numbers appeared at the fair again this year for the first time since 1941.

Livestock exhibits at the Kansas State Fair, Hutchinson, got an added impetus due to the fact that the National Hereford Swine Show was held during the fair. It was the first year a class for Hereford hogs had been possible. Six states, California, Iowa, Missouri, Kansas, Illinois and Idaho had entries in the show, which was said to be one of the best ever held by this breed. The Osborne County Breeders' Association, one of 2 Kansas exhibitors, walked off with about one third of the prize money and a total of 42 ribbons, which indicates Kansas is right at the top in quality for this breed. Association officials were more than pleased with the co-operation of the State Fair board in handling the show.

Several new types of farm machinery, radical in design, were shown at the Kansas State Fair for the first time this year, and indicate the trend toward multiple-use and labor-saving machinery to be on sale following the war. An interesting angle on the new machinery at the Kansas State Fair

was that several of the machines or attachments were invented by Kansans and are being manufactured in Kansas. The most unusual farm equipment was a combine attachment that fits on the front of a tractor, and which was invented by Charles H. Hill, of Hutchinson. Some of its features are multi-use grain bin, conveyor-type reel, revolving straw-walkers, endless sickle, controlled wind, direct motor power take-off independent of traction, solid drum cylinder, dust-sealed antifriction bearings, no crankshafts, shakers, raddles or canvasses.

Some idea of the high participation in all lines at the Kansas State Fair was announced by Perry Lambert, Hiawatha, president of the fair board, who stated that 765 4-H Club members from 71 counties were present for the 4-H Club Encampment. A total of 277 head of beef cattle were shown by 59 exhibitors, 49 of whom were Kansas breeders. There were 5 county herds in the beef show. There were 260 head of dairy cattle, including 3 district herds of Milking Shorthorns, Jerseys and Guernseys, and 2 each of



Grand champion Poland China boar at the Kansas Free Fair was this one shown by Gordon McLin and Son, Shawnee county.



My Eleanor, first aged sow and senior champion, was a high-class entry in the Hampshire show at the Kansas State Fair. Her owner is E. H. Kelly, Stafford.



Ayrshire and Holstein, exhibited. In the swine show there were 563 head, plus the National Hereford Swine Show of 110 head, while more than 1,000 head of prize poultry were shown.

As usual at the Kansas State Fair, Kansas Master Farmers and Kansas Master Farm Homemakers were guests of the fair association for one day, and were entertained at a banquet at night by the Hutchinson Chamber of Commerce. Sixty-three attended the morning business session and about 140 the banquet. Governor Andrew F. Schoepel flew to Hutchinson to give the principal address before this select group.

The Shawnee county 4-H Clubs won the Kansas Farmer Award at Topeka for crops participation, while Geary county won the award at Hutchinson. The prize was a recreation kit for club members.

Superintendents of the cattle divisions of both fairs spoke highly of the quality of cattle shown, stating that the low-ranking animals this year

were as good as the tops 6 or 7 years ago.

Crowds for both fairs shattered all previous records. Maurice Jencks, manager of the Kansas Free Fair, stated that crowds this year were the largest in the 84-year history of the fair, while at Hutchinson, where a gate record is kept, it was announced that 300,000 persons had gone thru the grounds to top anything ever before experienced. Encouraged by these results, both Mr. Jencks and Sam Mitchell, secretary-manager of the Kansas State Fair, are going ahead with even larger plans for next year.

Kansas Free Fair Champions

Beef Cattle: Grand champion Angus bull, Tim J. Pierce, Creston, Ill., on Woodlawn 128; reserve champion, Pierce on Bar Woodlawn 720549; grand champion Angus female, Pierce on Eva Ellen 5, 687979; reserve champion, Tommy Brook, Camp San Saba, Texas, on Brook Queen 2, 727182.

Champion Hereford bull, Brook Hereford Ranch, Brady, Texas, on Brook Domino 106th 3695010; reserve champion, Brook on Brook Superior Jr. 3871342; champion Hereford female, Brook on Miss Domino 1st 3738530; reserve champion, T. L. Thogmartin & Son, Fort Scott, on Miss Alice Real, County herds, Butler county.

Shorthorns: Senior champion bull, D. H. Clark, Douglass, on College Premier 2128254; junior and grand champion, Merryvale Farm, Grandview, Mo., on Prince Peter III 2183918; senior champion female, Merryvale Farm on Royal Countess 20th 2170103; junior and grand champion, Merryvale Farm on Miss Ramsden 2nd 2153916. County herds, Butler.

Dairy Cattle: Ayrshire junior and grand champion bull, Eastern Kansas Ayrshire Association, Effingham, on Locust Lee Nick 77757; senior champion, Eastern Kansas Association on Wood-hull Colan Kay 70290; junior champion female, John C. Keas, Effingham, on Locust Lea Pollyanna 282147; senior and grand champion, Richard & Raymond Scholz, Huron, on Barwood Elizabeth 208511. District herds, Eastern Kansas.

Guernsey junior champion bull, Nash Edelman, Lawrence, on Vansdale Violet's Rex 350682; senior and grand champion, Ransom Farm, Homewood, on Ransom's Fidget's Fireman 301897; junior champion female, Springdale Guernsey Farm, Ottawa, on Springdale Fanny Lee; senior and grand champion, Springdale Babs 641075. Regional herds, Kaw Valley Guernsey Association.

Holstein-Friesians, no junior, senior or grand championships awarded.

Jersey junior and grand champion bull, Wallace Patrick, Iola, on Noble Merry Man 448781; senior champion, Beal Brothers, Iola, on X of Oakland Fairy Lad 415217; junior champion female, Mary Lou Beal, Iola, on Oakland Fairy Rosebud 1458285; senior and grand champion, Wallace Patrick on Sybil Dictator Mary Ann 1153160. Parish herds, East-Central Parish.

Hogs: Chester White senior and grand champion boar, Deerfield Farms, Beardstown, Ill., on Deerfield Lad 9873; junior champion, I. L. Rudasill, Moline, Mo., on Victory Model 517829; senior and grand champion sow, Deerfield Farms on Clarissa 647286; junior champion, Deerfield Farms on H. P.'s Fancy 644450.

Duroc-Jersey senior and grand champion boar, Bar-Y Ranch, Baxter Springs, on Bar Y Lucky Boy 137465; junior champion, Wayne L. Davis, Mahaska, on Mahaska Wave 184509; senior champion sow, Bar Y Ranch on Bar Y Margie Ann 506174; junior and grand champion sow, Bar Y Ranch on Bar Y Della 506164.

Hampshire senior champion boar, Theodore Binderup, Gibbon, Nebr., on Ethyledale Hiller Prince 286751; junior and grand champion, Deerfield Farm, Beardstown, Ill., on Golden Fashion Baron 321749; senior and grand champion sow, O'Bryan Ranch, Hiattville, on Rocket Ann 629484; junior champion, O'Bryan Ranch on O'Jean 791168.

Poland China senior and grand champion boar, Gordon McLin, Silver Lake, on Com-mando 167173; junior champion, Wayne Williams, Grandview, Mo., on Sod Buster; senior and grand champion sow, Rowe & Sons, Scran-ton, on Miss Belgian 2nd 422104; junior champion, Rowe & Sons, on Victory Maid 423044.

Spotted Poland China senior and grand champion boar, Carl Billman, Holton, on Silver Ace 228763; junior champion, Wayne Davis, Mahaska, on Keepsakes Pride 250477; senior champion sow, Wayne Davis on Watchman Proud Queen 539742; junior and grand champion, Wayne Davis on Victory Lady 589082.

Sheep: Hampshire ram, any age, W. C. Cole, LaPlata, Mo.; champion ewe, any age, Donald Welton, Rantoul, Shropshire ram, any age, Clarence Lacey, Meriden; champion ewe, any age, Clarence Lacey. Southdowns, Bill Doak, Olathe, only entry.

Horses: Percheron junior champion mare, McElwain Brothers, Burrton, on Della 242765; senior and grand champion, H. G. Eshelman, Sedgwick, on Carmina 232622; junior and grand champion stallion, H. G. Eshelman on Nor Seno 243416; senior champion, McElwain Brothers, on Carvictor Degas 241035. Belgians, J. F. Begert, Topeka, only entry.

Crops: Corn sweepstakes, Rolly Freeland, Effingham; 10 heads grain sorghum, Harry D. Ostlund, R. 3, McPherson; best sample hard red winter wheat, A. G. Siegrist, R. 1, Hutchinson; best sample of soft red winter wheat, George Krelpe, Tecumseh.

Horticulture: Best table display of apples, Frank Lehman, Wathena; best 5 trays of apples, Frank Lehman, Wathena.

Kansas State Fair Champions

Beef Cattle: Grand champion Hereford bull, Frank Condell, El Dorado, on FRC Bocaldo 4076707; reserve champion, Brook Hereford Ranch Brady, Texas, on Brook Domino 106th 3695010; female grand champion, T. L. Thogmartin and Son, Ft. Scott, on Miss Alice Reed; reserve champion, Brook Hereford Ranch on Lady Domino; county groups (5 herds), Butler county.

Angus: Grand champion bull, Tommy Brook, Camp San Saba, Texas, on Prudence Erica 35th 677738; reserve champion, Tommy Brook on Brook Boy Erica 3rd 786701; grand champion female, Tommy Brook on Brook Queen 2nd 727182; reserve champion, Tommy Brook on Brook Elsa 3rd.

Shorthorns: Senior champion bull, D. H. Clark, Douglass, on College Premier; junior and

(Continued on Page 24)



Baby beef champion at the Kansas State Fair was Blockbuster, 940-pound Angus yearling steer shown by 13-year-old Joyce Poland, Geary county.



Jack McBryer, Eskridge, who won the sheep-shearing contests at the Kansas State Fair in 1941 and 1943, repeated again his year in one of the closest contests ever held.



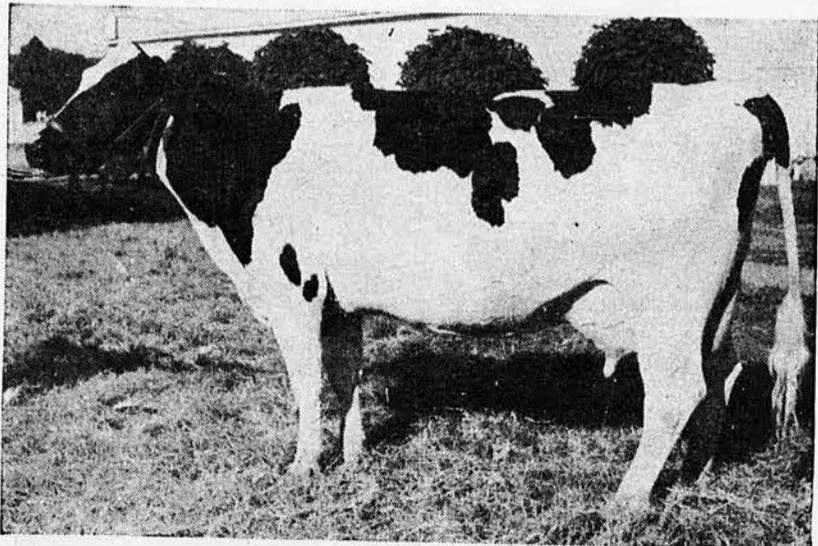
I. J. Worthington, Bluff City, is shown posing with his champion Southdown lamb ram and ewe lamb at the Kansas State Fair.



For the second time Jimmie Lowder, 11, son of Mr. and Mrs. Lee Lowder, Lyons county, has shown the grand champion 4-H baby beef at the Kansas Free Fair. This year "Pet," a Hereford steer, won the show and later was sold to an Emporia group of business men for \$1,030, or \$1 a pound.



Two real showmen are Audrey, 11, and Einar, 10, children of Mr. and Mrs. Elmer L. Johnson, Saline county. At the Kansas Free Fair Audrey had the junior champion baby beef and senior calf and Einar had reserve champion. In the Saline County 4-H Club Show and Sale Audrey had the grand champion female of all breeds and was chosen as grand-champion showman. Einar had reserve champion female and champion Hereford steer at the Saline show. They belong to the Smoky View 4-H Club and their parents are both 4-H Club leaders. All of their show animals were bred and raised in the Johnson herd.



Born on the State Fair grounds 4 years ago, Heersche Triune DeKol Beauty, came back this year to prove she deserved highest honors. She gave birth to twins an hour before entering the show ring, then went on to win her class and the grand championship in the Holstein show. She was entered by Heersche Brothers, Mulvane.

COLUMBIAN



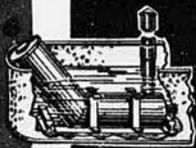
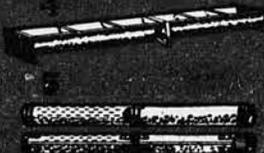
The dependable name in long-life **FARM EQUIPMENT** for 50 YEARS

COLUMBIAN is a name farmers and livestock raisers know they can always depend on when it comes to farm equipment that delivers extra service over the years. Generation after generation—for over 50 years—Columbian Farm Equipment has been first choice with thousands throughout this great agricultural area.

For time and labor-saving service plus a real aid to more profitable farming, see your dealer for these Columbian products. Available now!

1. Columbian Red Bottom Stock Tank
2. Columbian "Automat" Hog Feeder
3. *Columbian Red Top Grain Bin
4. Columbian Red End Hog Trough
5. Columbian Well Casing
6. Columbian Cylindrical Tank Heater

*Not available at present.



COLUMBIAN STEEL TANK COMPANY
Kansas City, Mo.



Plenty of Room for Soys

Smaller Yields Offset by Lower Costs



Roy Busby, Franklin county farmer, left, and R. B. Elling, county agent, look over a fine field of Manchu soybeans on the Busby farm. Mr. Busby anticipates better than 20 bushels an acre this year.

SOYBEANS are here to stay. That is the general opinion of Kansas farmers interviewed this fall on the subject. In considering soybeans as a permanent crop, growers state they intend to produce them as long as there is a market and provided the price paid is profitable. Some of them admit that, acre for acre, Kansas cannot produce as large yields as some of the Corn Belt states, but they point out that Kansas can grow them more cheaply because of lower land values and because Kansas soil, generally, is less costly to prepare for crops.

Most farmers are confident the market for soybeans will be good after the war, as livestock feed, for the oils, and for many uses in the manufacture of plastics.

But from a personal standpoint the average farmer likes to grow beans. He likes them in many cases as a cash or feed crop where corn is not consistent. He likes the manner in which they work into his crop rotation plan and the effect they have on the yield of following crops. In the extreme southeast part of the state soybeans give the farmer an added cash crop each year following a spring crop such as oats or barley, altho this practice is not recommended.

Generally, farmers have recognized the soil-erosion problems caused by growing beans and are taking 2 steps to prevent such losses. They are moving their beans onto the least sloping fields on the farm, or are terracing and contouring if no flat fields are available. Many are following soybeans with a small grain or pasture crop to bring the loosened soil back under control.

A few folks don't believe that soybeans are causing excess soil losses from erosion on their farms, altho the results are evident when hunted out. It is common, say soil conservationists, to fail to see this loss because they are around it so much and the loss is so gradual.

By the way, experiments at the Indiana Soil Conservation Experiment Farm in 1943 indicated that putting the soybean crop in the rotation following a grass meadow gives minimum erosion. Soybeans drilled solid on plowed grass meadow sod allowed only 0.6 ton soil loss an acre a year in comparison with 6.4 tons an acre when beans were drilled on plowed corn-stalk land. Bean land following sod at the Indiana station soaked up 2.3 inches more rainfall a year than bean land following corn. Thus, they had a greater moisture reserve in the soil for possible dry periods during the growing season.

Following an 8-year test, Purdue University agricultural experts declared that "soybeans are no more soil-depleting in minerals than corn, alfalfa or some other crops on an equivalent yield basis," but pointed out that "all crops when grown and removed from the land deplete the soil minerals and extra amounts of fertilizers must be used in any crop rotation that includes soybeans in order to replenish the plant food removed when beans and other grains are sold as a cash crop."

There is a wide variation in the rate of planting and date of planting among Kansas farmers growing soybeans. Many plant them later than the recommended dates, partly because of

(Continued on Page 9)

Winners Because They Are Workers



Shawnee county 4-H Clubs won the Kansas Farmer award at the Kansas Free Fair for the highest number of entries, 102, in crop exhibits. Posing in front of one of the crop demonstration booths, C. L. King, 4-H Club leader, congratulates C. E. Snyder, Jr., Silver Lake, and Helen Kreipe and Dean Wilson, both of Tecumseh, as representatives of the Shawnee clubs. The award was a recreation kit containing books, games and equipment.

Room for Soys

(Continued from Page 8)

weather or labor problems, and partly because of double cropping. A majority of those interviewed use a heavier rate of seeding than recommended, preferring to err in that direction to offset any loss of germination. Here are some of the experiences and reactions of Eastern Kansas farmers who have been growing soybeans for 3 or more years:

Frank V. Robbins, Woodson county, has 40 acres of Hong Kongs this year. Twenty-five acres were planted May 15 and the rest May 25—all at the rate of one half bushel an acre. His main crops are wheat and corn, with soybeans preferred to flax as an oil crop. He likes to raise soybeans and plans to continue with them as long as they are profitable. His experience in feeding beans to cattle is that they are not good for fattening cattle because of scouring, but are better than soybean meal for stock cattle if fed in the right proportions.

Planted too Light

Bob Watts, Woodson county, believes he planted his Chief beans too light this year. His rate of seeding was 15 pounds an acre and he thinks 20 pounds would have been about right. He hadn't planned on putting in soybeans so soil wasn't prepared until just before planting, which was after June 1. Mr. Watts thinks Chief beans are the best because, he says, they grow taller and the pods set on higher above the ground, and they don't shatter so badly as Hong Kongs. Chief variety led all others in Woodson county test plots last year with 27 bushels.

Various county agents interviewed do not agree on the shattering qualities of the various varieties. They claim that the condition of the weather at the time of ripening affects the shattering and that one variety will shatter badly in one season and not in another.

But going back to Mr. Watts—he lost his alfalfa stand and found it easier to grow beans than establish a new stand of alfalfa. Beans make a good substitute for alfalfa in his farming program and he expects to grow them permanently.

Marcus Ferree, Woodson county, has 55 acres of Hong Kongs and planted part in May at 23 pounds an acre and the rest from June 25 to July 1. He thought those planted last were as good as any. He doesn't believe in early planting as the seedbed usually isn't prepared enough. His idea is that if soybeans get off to a good start they are about a sure crop. The beans he planted last year on July 1 made 20 bushels an acre.

Feeds Some Soybeans

Herman Bruggeman, Woodson county, has 90 acres of A. K.'s planted in July up to the twelfth at a rate of one bushel and a peck to the acre. He drills his beans and last year had an average yield of 10 bushels. He planted his beans right behind the wheat and flax harvest and will plant wheat on the soybean ground again this fall. He feeds some of his beans to cattle but believes it is more expensive than meal.

Growing soybeans makes preparing a fall wheat seedbed easier, thinks Peter Lowe, Miami county, who harvested his third crop of beans this year. He followed barley with soybeans, planted about the first of July at a rate of 30 pounds an acre. He raises Dunfield and plants in 40-inch rows. His yield last year for 2 fields was 20 and 12 bushels respectively.

Mr. Lowe feeds cracked beans to cattle and sheep and says he has no trouble with scouring if they are not fed too heavy. He says that hogs do not like the beans as well as meal. He finds that lespedeza does better following beans, but was not too well pleased with the results when following beans with wheat.

Starting with 15 acres of soybeans 3 years ago, Lloyd Boehm, Miami county, has boosted his acreage to 65 this year. His beans, drilled June 8, a bushel to the acre, made 20 bushels last year. His corn made 60 bushels an acre following soybeans while corn not on soybean ground made 45 bushels.

Roy Busby, Franklin county, has been growing Manchu beans for 5 or 6 years because, he says, he can plant late and still get maturity before frost. He planted on July 14 last year but usually plants June 20 to 25. His beans are drilled at the rate of 7 bushels on 3 acres. His yield last year was 15

bushels, and for the year before 20 bushels. He is expecting an even larger yield this year. He likes to follow soybeans with maize and corn and has found that lespedeza does much better following beans. He sowed some in the spring on soybean land and got 800 pounds of seed an acre.

Twelve or 15 years ago Homer Bishop, Franklin county, started growing beans for hay but did not like

them as well as alfalfa, so now grows the oil beans as a cash crop and as a good rotation practice. He finds that corn, especially, does better following beans. He plants 45 pounds to the acre in 40-inch rows and plants from May 15 to the last of June. His beans made from 10 to 32 bushels last year on 175 acres. Because of erosion he has taken beans off his rolling land.

Soybeans will increase the yields of

flax and corn by 15 to 20 per cent, believes Homer Livergood, Osage county, who has 88 acres of beans this year. He plants from May 11 to June 15 at the rate of one-half bushel an acre. Sixty acres are single rowed at 40 inches and the rest broadcast. His beans last year averaged 14½ bushels. Like all the other farmers interviewed, Mr. Livergood plans on beans as a permanent crop.

**THE NAME
JOHN DEERE**

... a Symbol of Dependable Performance

JOHN DEERE
QUALITY FARM EQUIPMENT

This name John Deere on farm equipment is an identifying mark that has been a symbol of reliability in American farms for more than a century.

Twenty years ago, the John Deere Tractor was introduced. *It had only two cylinders.* Readily accepted by farmers, it gave them the things they wanted in a tractor—economical operation . . . simplicity of design . . . strong, rugged construction to give long life and dependability . . . easy and convenient operation . . . the ability to burn low-cost fuels successfully. The value of these basic principles hasn't changed. They are just as important today—you will find them all in the present line of John Deere Tractors.

Many improvements and refinements have been made in

John Deere Tractors since 1924. Advances have been made in economy and ease of operation. Better materials and improved manufacturing methods have been adopted. New models of various types and sizes have been added to the line so that today there is a John Deere Tractor to fit most every farming need. Modern in every respect . . . streamlined . . . starter and lights . . . hydraulic power lift . . . multiple-speed transmission . . . yet the basic fundamental principle—two-cylinder engine design—remains unchanged. Unchanged because this engine design will give the farmer *all* the features he wants, and should have, in a modern, up-to-date tractor. See your John Deere dealer—now.

JOHN DEERE, Moline, Illinois

BUY MORE BONDS ★ GET IN THE SCRAP





IN THIS WAR the railroads have done twice as big a transportation job as in the first World War.

But they are doing another job which may not be so well known, as is shown by these contrasting facts:

In the last war, the operation of the railroads took money out of the United States Treasury.

In this one, the railroads are putting money into the Treasury.

In the last war, when the Government took over the railroads, even though freight rates and passenger fares were raised, Congress had to appropriate more than \$1,600,000,000 to meet deficits.

In this war, the railroads have been managed by their owners. A far bigger and better transportation job has been done. And, since Pearl Harbor, the railroads have turned into the United States Treasury the tremendous sum of \$3,250,000,000 in taxes — and today are paying federal taxes at the rate of nearly \$4,250,000 every 24 hours.

And, on top of all this, the railroads in the same months since Pearl Harbor have paid for the support of state, county and city governments another \$750,000,000 and are today paying state and local taxes at the rate of \$800,000 per day.

That's five million dollars a day paid in taxes — ten times as much as the owners receive in dividends.



AMERICAN RAILROADS

ALL UNITED FOR VICTORY

★

★

Twins Know How to Farm

From Running Tractor to Hand-Weeding Soybeans



June and Joyce Montgomery, Lyon county, like many other young folks on the farm, have been helping win the war. Here they are on their ponies. June is at left, Joyce at right.

HELPING their father farm has been the order of the day for June and Joyce Montgomery, of Lyon county, during the summer, and they keep up the good work after school and on weekends. They are the delightful twin daughters of Mr. and Mrs. John Montgomery, and are not strangers to Kansas Farmer readers, as April 19, 1941, their pictures, along with their police dogs, appeared in this paper.

Had you called at the Montgomery farm in season you probably would have found June and Joyce on the tractor plowing, disking or harrowing, and they like the work. After getting the seedbed, and a good one, ready for wheat they went ahead and drilled it.

Or at another time you might have seen the twins wading out into their flourishing field of soybeans. This field is their own as it was given to them by their father after planting, provided they would care for it themselves and keep it free from weeds. So they had a summer vacation of hard work.

Once after a prolonged wet spell early in the season, when the weeds threat-

ened to outgrow the beans and no tractor or cultivator could get into muddy fields, the twins hand-weeded and hoed thru the entire field, as well as other beans grown on the farm, with the result that their beans scarcely have a weed. The Chieftain soys farmed and owned by the girls were planted the last 2 weeks in May and they promise a super harvest; the early Dunfield variety also looks good.

It isn't all work and no play, however. Because like as not at the Montgomery farm you would see two very good riders heading "over the bridge and up the lane" on their pinto ponies "Crystal" and "Christine." No need to say the girls are very fond of their ponies which they have trained to do a number of skillful tricks, and to nod and shake hands in the most approved fashion. The girls jump them over hurdles, ride standing up while galloping and have fun racing. Riding is their favorite recreation.

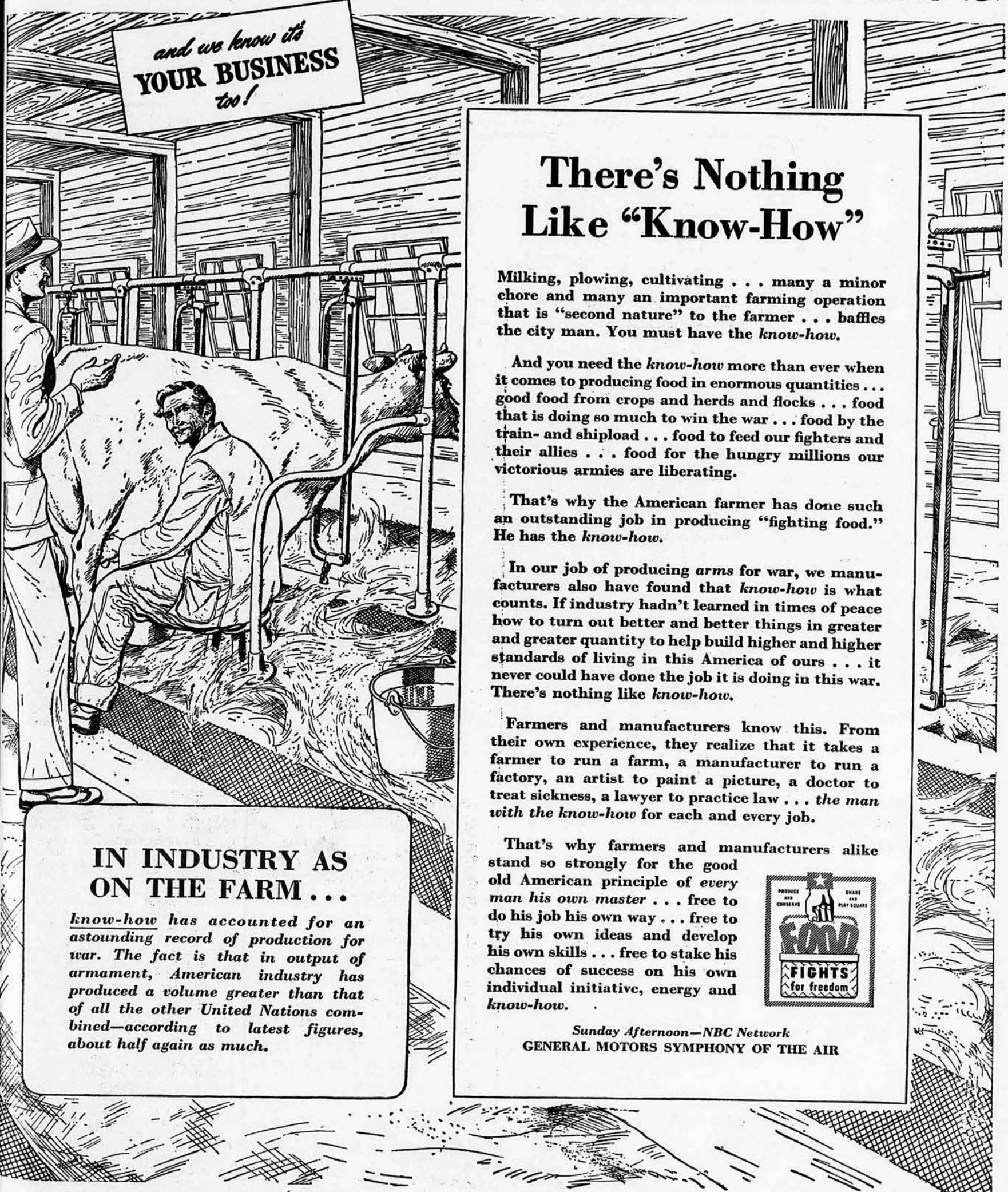
If you cannot tell which of the girls is June and which one is Joyce don't be surprised. At 15 they still look so identical, same weight, same height, they even fool mother sometimes.

Formal Dresses Got Attention



At the style revue three 4-H Club girls in formals they made at home, as part of their project work, were the center of attention. They acted as hostesses at the Club Canteen at which all entries were modeled. Gwen Harvey, of Cheyenne county, modeled her pale-blue cotton formal dress which cost \$6.50 and it won the blue ribbon. Vesta Colburn, of Rooks county, won the red ribbon with her pink cotton formal which she made at a cost of \$4.50. The judges paid special attention to the very attractive long slip worn under the dress which Vesta made from her mother's graduation dress. Maxine Love, of Allen county, wore a white cotton net dress costing \$11 and won the white ribbon. The style revue is held annually at the Kansas State Fair, Hutchinson.

VICTORY IS OUR BUSINESS



and we know it's
YOUR BUSINESS
too!

There's Nothing Like "Know-How"

Milking, plowing, cultivating . . . many a minor chore and many an important farming operation that is "second nature" to the farmer . . . baffles the city man. You must have the *know-how*.

And you need the *know-how* more than ever when it comes to producing food in enormous quantities . . . good food from crops and herds and flocks . . . food that is doing so much to win the war . . . food by the train- and shipload . . . food to feed our fighters and their allies . . . food for the hungry millions our victorious armies are liberating.

That's why the American farmer has done such an outstanding job in producing "fighting food." He has the *know-how*.

In our job of producing *arms* for war, we manufacturers also have found that *know-how* is what counts. If industry hadn't learned in times of peace how to turn out better and better things in greater and greater quantity to help build higher and higher standards of living in this America of ours . . . it never could have done the job it is doing in this war. There's nothing like *know-how*.

Farmers and manufacturers know this. From their own experience, they realize that it takes a farmer to run a farm, a manufacturer to run a factory, an artist to paint a picture, a doctor to treat sickness, a lawyer to practice law . . . *the man with the know-how* for each and every job.

That's why farmers and manufacturers alike stand so strongly for the good old American principle of *every man his own master* . . . free to do his job his own way . . . free to try his own ideas and develop his own skills . . . free to stake his chances of success on his own individual initiative, energy and *know-how*.



Sunday Afternoon—NBC Network
GENERAL MOTORS SYMPHONY OF THE AIR

IN INDUSTRY AS ON THE FARM . . .

know-how has accounted for an astounding record of production for war. The fact is that in output of armament, American industry has produced a volume greater than that of all the other United Nations combined—according to latest figures, about half again as much.

GENERAL MOTORS

CHEVROLET • PONTIAC • OLDSMOBILE • BUICK • CADILLAC • FISHER BODY
GMC TRUCK • FRIGIDAIRE • DELCO APPLIANCE

Are We Missing a Market?

By JAMES SENTER BRAZELTON

ALTHO fall planting of fruit trees is a practice not generally followed in this section, the abundant moisture we have had up to now should make this fall an ideal time to plant. Growers might gain at least a part of the time lost by being able to get but little or no planting done last spring. Rainy weather prevented plantings being made when they should have been, and when the rains stopped summer was here and it was too late to

plant. Should there be a repetition of this kind of weather next spring growers who set out fruit this fall would be decidedly ahead.

According to W. R. Martin, Jr., Missouri extension horticulturist, cherry trees planted in the fall usually do better than if planted in the spring. Late November and early December is a good time to plant, he says. The favorite variety for this area is Montmorency. It is 10 days or so later than

Early Richmond but superior to it in every way, the fruit being larger, sweeter and best for canning.

A candy company at St. Joseph has been interested in the cherry industry here for quite some time and uses every opportunity to urge growers on both sides of the river to plant more cherries for commercial production. In the one pound packages of chocolate cordial cherries, manufactured by this company, the cherries are used whole. They are ground for use in their cherry mash bar and also for certain varieties of bulk candy.

The cherries are purchased in the states of Michigan and Wisconsin and are shipped in brine to the St. Joseph

factory, where they are processed and stored for future use in air-tight barrels. The factory uses annually about 225 barrels of cherries, weighing 250 pounds each.

C. C. Chase, president of this 68-year old candy company, estimates that his factory could consume the output from 40 to 50 acres of cherries which would be the equivalent of more than 2,800 trees. This firm, however, is not the only user of cherries in this territory as there are very large users in Kansas City, Omaha, St. Louis and in the territory south and west of here. Cherries are used not only in candy and confectionery but there is a demand for them by the ice cream manufacturers and soda fountain trade.

If the Chase company can use cherries from 40 or 50 acres it would seem that these other industries would be a potential market for the cherries from several times that many acres. Could it be that the fruit growers around here are passing up a worthwhile opportunity?

Have Stock on Hand

In his zeal for boosting the cherry industry thruout this section Mr. Chase has obtained information from the surrounding nurseries to the effect that they have stock on hand to supply a reasonable demand this fall. He says that a number of orchardists wanted to plant cherry trees last fall but were unable to get them. Most of the nurseries issuing fall catalogs state that their trees will be fully matured and ready for shipment by October 15 to 20.

Altho Montmorency is the standby some of the nurseries are offering sports of this variety which are worth a try in any orchard, either home or commercial. One of these sports, called Montmammoth, has been so named because of its large fruit, the cherries often measuring an inch in diameter it is claimed. It is a heavy producer and bears the second year.

A reliable Missouri nursery features 2 of these Montmorency sports. One is named Montearly because its fruit ripens 2 weeks ahead of Montmorency. The other, called Montlate, matures its fruit 2 weeks after Montmorency. By planting these 2 patented varieties together with Montmorency, one would get a long-drawn-out cherry season which would be an advantage in many ways. Montearly ripens earlier than Early Richmond and is destined to put this variety out of business, because it is larger and far superior for pies, quick freezing and canning.

Now Have Bush Cherry

While we are on the cherry subject there is something new in the cherry world that should be mentioned here. This is the recently introduced Bush Cherry, produced after 40 years of selective breeding by the plant wizard Dr. N. E. Hansen. It seldom grows more than 4 to 5 feet tall but branches and bears its fruit close to the ground. It is a heavy bearer and the cherries are large and of good flavor. The fruit resembles a plum in size and shape and hangs in large clusters which completely cover the branches. It is disease resistant, and it is claimed it will stand a temperature of 25 degrees below zero. It is often used as an ornamental in landscape work because of its large, fragrant white blossoms in spring. Its foliage is a beautiful silvery green turning to red and gold in the fall.

W. R. Martin, Jr., advises light pruning for cherry trees. He would select 4 or 5 scaffold branches at time of planting or after one year's growth. After that his pruning would consist of only a very light thinning of fruiting wood. He warns against heading back cherry branches as this severely stunts them and may even stop their growth. Mr. Martin believes in promoting tree growth and fruit setting by considerable cultivation and generous applications of manure.

Prior to 1930 The Dalles, Oregon was famous for its fine Montmorency cherry orchards. During the 10-year period from 1930 to 1940 the canner practically ceased buying. Because cherry raising was no longer profitable a great many growers grubbed up their trees. The few who did not are now reporting fine profits from the pie cherry. In order to encourage canners to meet the heavy demand for this type of cherries for requirements of the armed forces, OPA placed the ceiling price at \$155 a ton for cold packing and canning.

"It's the most valuable piece of equipment I own!"

"...TOO IMPORTANT TO TAKE A CHANCE WITH JUST ORDINARY OIL"

Nine out of ten farmers agree that their tractor is the most valuable piece of equipment they own. For this No. 1 Farm Helper

has made it possible to break unprecedented "Food for Victory" production quotas—in the face of manpower shortages, scarcity of equipment and repairs, and other wartime difficulties.

Your present tractor will have to last for many more months. Give it the best of care.

Don't take chances with just ordinary oil. Parts damaged by faulty lubrication may not be replaceable. Time lost for unnecessary repairs is time gained for our enemies. Prevent both losses by using only guaranteed Skelly *Fortified* Tagolene Motor Oils. Your tractor needs the extra protection of *Fortified* Tagolene—the motor oil that is more heat-resistant, reduces excessive sludge, varnish and carbon deposits. Call your Skelly Tank Station Salesman today. He's anxious to serve you.



ORDER NOW

for Next Spring Delivery of **Fortified TAGOLENE** Motor Oils and Greases

You don't pay a penny until the goods are delivered.

See your Skelly Tank Station Salesman for complete details of this special offer on *Fortified* Tagolene Motor Oils and Greases and other Skelly products.

GASOLINE POWERS THE ATTACK—DON'T WASTE A DROP



LISTEN TO ALEX DREIER

with first network news analysis of the day

NBC—7:00 A. M.
WMAQ—Chicago—6:45 A. M.

SKELLY *Fortified*

TAGOLENE
MOTOR OILS AND GREASES

Made and Guaranteed by

SKELLY OIL COMPANY • Tulsa, Okla. • El Dorado, Kans. • Kansas City, Mo.



DON'T NEGLECT TRUCK REPAIRS!

WHAT A SEASON! America's fighting farmers did it again. More food raised to win the war. Big yields of all kinds of crops bear testimony to a mighty job that's done. The harvest is coming in. Now to get it to market.

Never have farmers faced a tougher transportation problem. War traffic is hitting an all-time peak. The rails are loaded. Farmers' trucks have more to haul than ever before. They've got to keep on hauling, they must have *special care*.

Check your truck now. What does it need? Make a list. Everything that can be done must be done to keep your truck in first-class shape. Use the service facilities of the International Truck dealer.

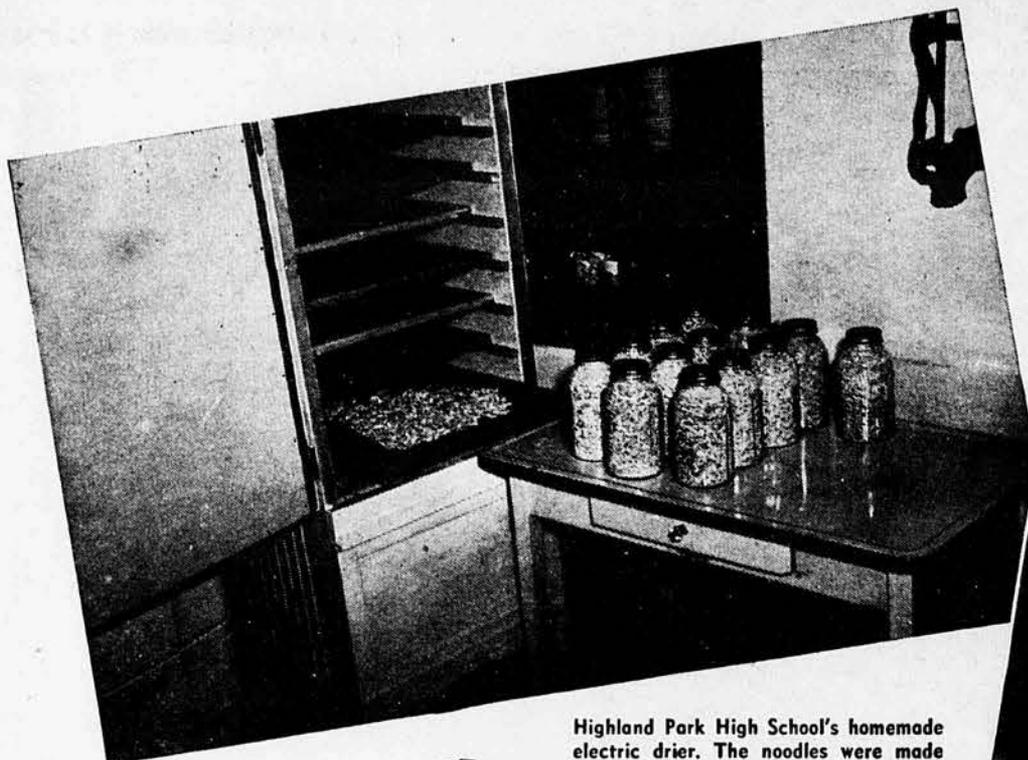
Harvester has mobilized its dealers to do the biggest service job they ever have done. Just as McCormick-Deering farm equipment dealers are sparing no effort to keep your farm machines on the job, the International Truck dealer is also giving *special* attention to every possible truck-repair job.

Whatever your truck needs, from a set of plugs to a major overhaul, call on the International dealer. He'll use genuine IHC parts—the best—and put your truck back on the road, hauling for all it's worth. International Service will help pull you through.



INTERNATIONAL HARVESTER COMPANY
180 NORTH MICHIGAN AVENUE CHICAGO 1, ILLINOIS

INTERNATIONAL TRUCKS



Highland Park High School's homemade electric drier. The noodles were made from surplus eggs, dried, then stored in glass jars for winter use.



Mrs. Mary Kessler, home economics teacher, operating the 51-quart pressure cooker used by the Highland Park canning center.

From **A to Z** *About*
SCHOOL LUNCHES
by
By Florence McKinney



In the Highland Park High School kitchen we find, from left to right, Helen Marr, Mrs. F. E. Carpenter, Mrs. Mary Kessler, Mrs. C. E. Walker and Mrs. H. E. McArdle canning beans.

*"Pa warms the milk for the little calf,
 Ma heats the food for the chicks,
 They both eat a hot meal at noontime, too,
 But my lunch is cold as bricks."*

OLD Man Anonymous, the author, must have stuck his head in the schoolhouse door and seen some of the too-scanty and too-cold lunches packed by some mothers, whose children weren't lucky enough to go to a school where a hot lunch is served every day. There are some of those left in the state no doubt, perhaps some in every county. But there are hundreds of the other kind, too. The hot lunch can be found in the tiniest of rural 1-room schools tucked away in the hills and in the biggest of rural high schools.

There are so many different ways to manage a hot-school-lunch project that it's likely to confuse the observer. Only one thing seems uniform and that is community resourcefulness—it's displayed in every instance. It takes a recognition of need, willing community leaders and co-operation.

For the present school year, Kansas will receive \$652,000 from the War Food Administration which may be used for distribution of commodities and cash reimbursement to individual schools that wish to participate. Last year 500 Kansas schools participated in this type of lunch. More than that number of schools serve lunches without Federal aid. The State Nutrition Committee is asking county nutrition committees to survey all schools in the state to ascertain the number of lunch programs and the type prepared.

The Labette County Community High School and Trade School at Altamont for several years has shown leadership and ingenuity in the management of a school lunch project. Last year this

school served 325 students daily, most of them paying 10 cents. Those unable to pay assist with the daily work such as washing dishes. Each year the school has grown a large garden and during the summer canned several thousand quarts of foods. Beef and pork are butchered by the vocational agriculture boys and from income from the lunches the boys are paid market prices. The average meal consists of meat, potatoes and gravy, a salad, an apple, orange or grapefruit, celery, radishes, bread and butter and all the milk the student can drink. Mrs. Mary Townsend has charge of the kitchen and has been assisted by 15 high-school boys and girls.

Teachers report that serving lunches provides an opportunity to teach table manners, good eating habits, table service and nutrition.

Use Local Funds

Chamness school in Lyon county, near Emporia, is a small 1-room rural school, but the fact that it was both small and 1 room did not deter the community from carrying out a lunch program suitable to the needs. The Chamness Home Demonstration Unit as a home and community project voted to donate canned and stored food to the school. The 6 children enrolled take turns at cooking and dishwashing. Mrs. Gwilym Hughes, as home and community chairman, has been largely responsible for the success of this self-supporting program.

Highland Park Project

Operating under a plan provided by the State Vocational Education Department, the Highland Park Rural and Grade School in Shawnee county, with Mrs. Mary Kessler as home economics

teacher, conducts a 10-hour course in food preservation, followed by a canning program. Any or all women have the privilege of using the laboratory for canning any time during the summer.

For every 10 quarts of food canned or dried at the school laboratory, 1 quart is left at the school for the lunch project. The center is equipped with one 51-quart pressure cooker, two 16-quart and three 7-quart cookers. This superior equipment and instruction in approved food preservation practices are inducement to many women in the school district.

Highland Park school participates in the Federal program and last summer received 576 dozen surplus eggs from the War Food Administration. From these eggs 150 quarts of noodles were made and stored in glass jars, preparatory to using them in the winter's menus. The laboratory has a homemade electric drier in which the noodles were dried. Women in the community dried 377 pounds of vegetables during the summer. Dried corn is a popular product with the Highland Park women, particularly that which is dried with milk. Exactly 142 women used the center, canning a total of 1,374 quarts. Nearby Avondale school patrons used the center and canned 263 quarts for their lunch project.

Last year the WFA provided the school with one half ton of cabbage, 800 pounds of carrots, 200 pounds of beets, 700 pounds of potatoes, 60 cases of grapefruit and 200 pounds of onions.

For a complete meal with milk, 200 high- and grade-school students [Continued on Page 26]

Top Winner

GETS CHICAGO TRIP

Janice Rife, of Chetopa, Labette county, will represent Kansas 4-H Clubs in Chicago at the National Club Congress in November. Janice looked like a picture in the dress and half-hat she made for entry in the 4-H Club class, Wool Suit for School and Street. The 2-piece dress was made of gray wool crepe and the ensemble was completed with a red cherry shoulder ornament and a red half-hat and draw-string bag that drew admiring, even envious, glances from the audience. The hat and bag Janice reported she made from red grosgrain ribbon at a total cost of \$1. The dress cost \$4.50, the shoulder ornament 50 cents. The workmanship approached that of a professional, but considerable value was placed on suitability of material, color and personality of the wearer.

Janice is a senior in Altamont high school and has completed 4 years of club work. She hopes to go to summer school next year to qualify for teaching the following school term. The club of which she is a member, the Stover Steppers, is fortunate in having Mrs. Ralph Bradley as girls' club leader.

gloves and pumps. The total cost of the suit was \$10.82 and with the entire wardrobe included, the cost was \$29.74. Donna has done such a fine job with her clothing projects that she has assumed the responsibility of clothing leader for the Gladstone Club of which she is a member.

Looking smartly dressed is not her only achievement. For 2 years she won the champion ribbon for swine at the Wichita Livestock Show for 4-H Club entries. At the Chase County Fair the same year she showed the champion baby beef, a Hereford, and the reserve on Angus.

She is completing 5 years of club work and has carried 45 projects. This year she is working on 8, including home improvement, clothing, food preparation, food preservation, gardening, baby beef, home canning and junior leadership, and is serving her term as president.

Best-Groomed Boy



Richard Warren, Cowley county

Richard Warren put on his Sunday best to attend the State Fair at Hutchinson and went home with the title "Best-Groomed Boy." He wore a brown pin-stripe suit and brown felt hat and shoes at the Style Revue at the 4-H Club Auditorium in competition with many others from over the state. The award is a \$25 War Bond and a traveling bag.

Richard lives on a ranch in the Flint Hills region of Cowley county and is one of 9 members of the Silverdale Club. He is carrying 9 projects this year.

Won Blue Ribbon



Donna Jones, Chase county

A dull-gold all-wool dressmaker suit won the blue ribbon in the 4-H Club entries in the Wool Suit for School and Street Class. Donna Jones, of Cottonwood Falls, made it, entered it in the Topeka Free Fair 4-H department and came out with the only blue ribbon award for the class. With it she modeled a black felt half-hat, black

Costuming Held Interest



A colorful demonstration in costuming was presented by Wilma Jean Huston and Catherine Hartman who represent the Sheridan 4-H Club of Cherokee county. They draped varied colored fabrics on each other and discussed suitable dress colors in relation to size, build, coloring and personality. Painted cardboard models, which the girls had made, also were used. At the Cherokee County Fair this 4-H demonstration won the blue ribbon entitling them to enter the competition at the Kansas Free Fair. Catherine now is working for the eighth year on club projects, having completed a total of 20. Wilma Jean has been in the work 5 years and completed 25 projects. This year she is secretary of the club.

HOW TO HOLD A HUSBAND!

BOB: O.K., can't resist. But I'll always be late to market if we have buns good as these every morning!

PEG: Well, we can... easily. And my new, quick recipe uses Fleischmann's Yeast, which puts in extra vitamins!

HM...MM...AND JUST THINK, FOLKS! FLEISCHMANN'S IS THE ONLY FRESH YEAST THAT HAS BOTH ADDED VITAMINS A AND D AS WELL AS VITAMIN B COMPLEX

ALL THOSE VITAMINS GO RIGHT INTO YOUR BREADS WITH NO GREAT LOSS IN THE OVEN. BUT BE SURE IT'S FLEISCHMANN'S YEAST!

I'M FREE! SEND FOR ME... FLEISCHMANN'S NEW, REVISED EDITION OF THE FAMOUS "BREAD BASKET"! FULL OF RECIPES FOR DELICIOUS, EASY BREADS, ROLLS, AND SWEET BUNS THAT WILL MAKE YOUR MEALS MORE INTERESTING. WRITE NOW!

For your free copy, write Standard Brands Inc., Grand Central Annex, Box 477, New York 17, N. Y.

FAULTLESS FARM FUNNIES... SATURDAY SHOPPING CHATTER

BY GRAHAM HUNTER





Get the Genuine

THERE'S no substitute for the Morton Way of Curing Meat . . . for the safe, uniform cure it gives from rind to bone, for the wonderful flavor it imparts to hams, shoulders, bacon.

Try it yourself this year. Join the million and more farm families who use this method. Know as they do the satisfaction and assurance of preventing bone-taint, off-flavor, wasted meat.

Simply pump your meat with Morton's Tender-Quick dissolved in water. This fast-acting curing pickle starts the cure at the bone, where bone-taint and off-flavor are most likely to develop first. Then rub with Morton's Sugar-Cure which strikes in, curing toward the center, and gives a sweet-as-a-nut smoke flavor.

Several months from now, when you take down the first ham or bacon of the season's cure, you'll agree that you've got the best-tasting meat you ever had. Months later, when you take down the last one, you'll say it's been the best-keeping as well.

★ Cure Meat the Safe, Sure Morton Way ★



FIRST...

Dissolve Morton's Tender-Quick in water to make a rich, fast-acting curing pickle, and pump this pickle into shoulders and hams along the bones. This starts the cure INSIDE—prevents bone-taint, off-flavor, and under-cured spots. Helps assure a safe, sure, uniform cure.

pump this pickle into shoulders and hams along the bones. This starts the cure INSIDE—prevents bone-taint, off-flavor, and under-cured spots. Helps assure a safe, sure, uniform cure.



THEN...

Rub with Morton's Sugar-Cure. This complete sugar curing salt strikes

in from the OUTSIDE — gives a thorough cure and rich wood-smoke flavor. Morton's Tender-Quick and Sugar-Cure, used together, give results you can get in no other way.



Finest Home-Curing Book ever published, over 100 pages . . . 10c postpaid

More than 200 pictures, charts, diagrams — complete directions on how to butcher, cure, make sausage, Canadian Bacon, corned beef, smoke turkey, and other meat specialties. No other book like it! Write today — send 10 cents in coin.



FOR DELICIOUS SAUSAGE

Morton's Sausage Seasoning contains salt, peppers, sage and other spices—perfectly blended and ready to use. Just mix with the meat and grind. No measuring or guesswork . . . the same perfectly flavored sausage every time.

MORTON SALT CO.
Chicago, Illinois

Our Share of National Debt

(Continued from Page 4)

\$125,000,000 urban highways, apportioned on population of urban places with more than 5,000 population.

On this basis 3 typical states will be eligible for Federal aid (if matched 50-50) as follows:

Kansas: Federal aid system, \$5,037,000; farm-to-market roads, \$3,315,000; urban highways, \$1,113,000; total, \$9,465,000. If state matches, \$18,930,000 for highway construction annually.

Missouri: Federal aid system, \$5,922,000; farm-to-market, \$3,803,000; urban highways, \$3,168,000; total, \$12,893,000. If state matches, \$25,786,000 for highway construction annually.

Ohio: Federal aid system, \$7,026,000; farm-to-market, \$3,881,000; urban highways, \$7,581,000; total, \$18,488,000. If state matches, \$36,976,000 for highway construction annually.

The House bill as it came from committee, provided \$500,000,000 annually for 3 years; first year, 60-40 matching basis (60 per cent Federal), next 2 years, 50-50; the formula would be changed to a basis of one half population, one fourth area, one fourth post-road mileage, thereby reducing the shares of states with large areas, large highway mileage, and small populations, and greatly increasing Federal aid to states with large populations and relatively smaller areas. Chances are the bill finally enacted will follow the Senate pattern.

Food Production High

In Congress, and in national farm circles generally, Representative Clifford Hope, of Kansas, (Fifth district), is regarded as sane and constructive, and as not attempting to dodge realities or seek "quack" cures for farm ills. He will be chairman of the House committee on agriculture when the Republicans take over.

In an address to the American Meat Institute at Chicago last month Congressman Hope discussed postwar agriculture at some length.

After the war there will be unsalable surpluses of farm products, he said. Food production in the United States has been stepped up one third. Even if there were full employment and continuance of wartime purchasing power domestically after the war, only 85 per cent of present farm production could be consumed in the domestic market.

"We had the same problem following the other war," said Hope. "We know what happened. The decline in farm prices which began in the fall of 1920 cut the net farm income from agriculture squarely in two. This happened while the national income in 1921 exceeded that of 1918."

Government has made provision for the first 2 years after this war by guaranteeing support prices—at 90 per cent of parity or higher—on farm commodities. But that cannot go on forever, in Hope's opinion; Judge Byrnes (War Mobilization) already has suggested it will take 2 billion dollars of Federal funds to support farm prices thru 1945.

"While Congress undoubtedly will stand by the mandatory price-support provisions," said Hope, "there is certainly some question whether the taxpayers will indefinitely back a program, especially if the support price applies to all of the quantity of commodities which can be produced."

"In view of the probability that our production will be above what we can reasonably expect to be consumed domestically, the next Congress will almost certainly be faced with the question whether support prices will make necessary (1) either voluntary or compulsory reductions in production, or (2) whether they will be accompanied by means of providing outlets for surpluses which cannot be readily absorbed on normal markets."

Sees Two Outlets

Barring production controls, Hope sees two outlets for surpluses: (1) exports abroad; (2) increased industrial uses for farm commodities.

"It cannot be expected, however, that farm commodities will move in either channel if support prices are based on 90 per cent or more of parity.

"If we are to go into these markets, commodities will have to be priced on a basis which will enable them to move.

"For export we will have to meet world market prices; for industrial uses, whatever price it takes to meet competition with existing methods. We cannot make alcohol out of corn at \$1 a bushel. If 50 cents is the most that can be paid for corn for that purpose, then it is obvious that

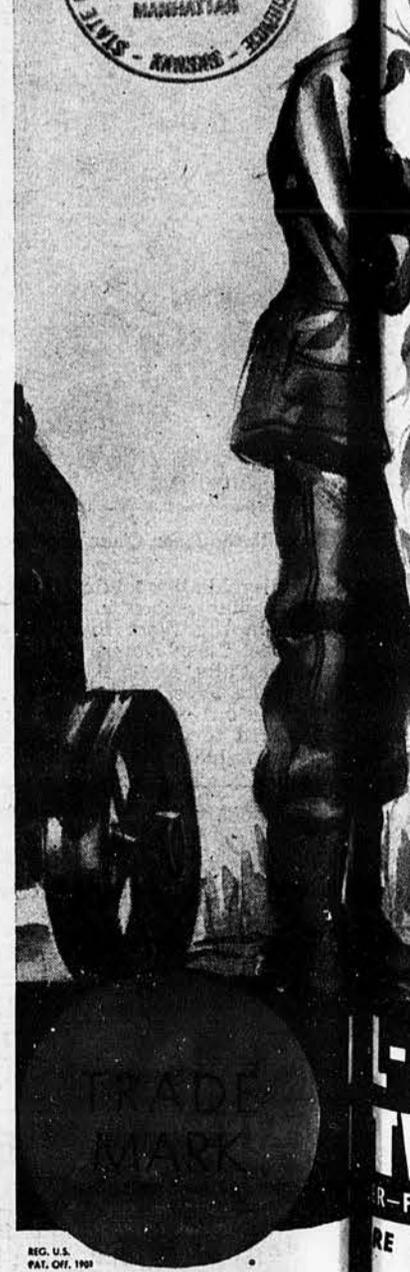
RUBBER is Still IN FASHION

Jobs on the farm
weather . . . despite
ing temperatures,
tect your health—
keep your feet w
your work more e
care of your rubb
it last longer.

FOLLOW THE S

1. Always keep rubber wear clean . . . wipe off oil or grease after wear.
2. Put on and take off fully . . . rough handling tear the uppers and

MISHAWAKA RUBBER



REG. U.S. PAT. OFF. 1940

RTWEAR Stial FANG

ardless of the
snow or freez-
wear will pro-
ather shoes—
help you do
aking proper
you can make

W THE STEPS

rubber footwear
away from hot
places or registers.
out of hot sun when
Store rubber foot-
ool, dark, dry place.

RUMLEN MFG. CO.

MISHA



L-BAND TWEAR FABRIC—KNITTED & FELT RE WAR BONDS

corn will not be used unless it is sold for 50 cents."

If prices are to be held at parity, or near parity, and production of surpluses accompanies these prices, Hope sees as a possibility a two-price, or even a three-price or four-price system in the future. And, altho he does not quite say it, that will call for Government control of marketing and prices (and probably production) as well as Government support of prices.

In his talk to the meat institute, Hope urged a restudy of the original McNary-Haugen legislation. It called for a two-price system, by which producers could get a sustained American price for that portion of their production consumed domestically, less an equalization fee or tax large enough to finance the export of surpluses at lower world levels.

Marketing Viewpoint

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

I have 150 lambs averaging about 75 pounds, some of which are quite fat and will weigh heavier than the average of the group. These lambs are on good wheat pasture. What is the market outlook? Should I sell all that are ready about October 7, or hold them until November or December? If these lambs reach a weight of 90 to 100 pounds, will they sell to a disadvantage because of weight?—J. H.

Lamb prices probably will be just as high if not higher in early December than on October 7 because of the expected decrease in marketing of sheep and lambs by December. During the past year, lambs weighing up to 110 pounds have not been discounted in price on the market. This probably will continue to be the case for some time.

What support and ceiling prices will be in effect on hogs at the Kansas City market after October 7 this year? I have some hogs weighing less than 200 pounds, should I market them before October 7 or feed them longer?—R. E.

A recent announcement by the Office of Price Administration and the War Food Administration says that present ceiling on hogs will not be lowered but that the support price will be lowered to \$12.25 a hundredweight at Kansas City on good to choice barrows and gilts weighing 200 to 240 pounds. Ceiling prices are \$14.50 at Kansas City on hogs weighing 240 pounds and less and \$13.75 on hogs weighing more than 240 pounds. These ceiling and support prices are effective until June 30, 1945.

Hogs that are finished and weighing between 200 and 240 pounds probably should be marketed. It seems that lighter weight hogs can be held for finishing with safety. Gluts on the market are a possibility but can be avoided by orderly marketing. Lack of capacity to slaughter large runs of livestock at processing plants probably will be more of a factor in determining prices than will a lack of demand for meat.

Will it pay to buy best A grade pullet chicks now to produce eggs next spring, summer and fall?—S. P.

Under usual circumstances, buying chicks now to produce eggs next spring and summer is not to be recommended. Egg prices usually decline sharply during the spring and remain on a low level during the summer months, also, raising pullets during the winter requires more effort and greater feed costs. Thus, if you buy now, you would be increasing your costs, and your pullets would be producing at a time when eggs are at a seasonally low price.

How will the new wheat-purchase program which has just been announced affect the price of wheat?—R. B.

At first, some persons thought it would mean an increase of wheat prices of 12 or 15 cents. As the details of the plan have become known, it appears that the program will result in a support price about 3 cents above the previous support price at which the Commodity Credit Corporation has been buying wheat. The new plan indicates that the support price will be increased about 1 cent a bushel a month during the balance of the season.

It is probable that during the next 2 or 3 months actual market prices will be above the support level, probably at or near the ceiling. There have been many unofficial reports that the wheat-price ceiling may be raised a few cents.



On Our Farm We Simply Love Butter-Nut COFFEE

During these war years our grocer sometimes was out of Butter-Nut Coffee . . . and then our family was a sad lot! But soon he would get a new shipment in and then you should have seen everybody smack their lips over that good old Butter-Nut flavor again!

I know the occasional shortages were not Butter-Nut's fault. Jars, lids and shipping cases have been hard to get. And sometimes, even after they were bought, transportation delays caused them to arrive days late.

I suppose it is just natural for the most popular coffee to sell out first. We were trying to get our share along with thousands of other folks who like extra good coffee, too.

It proved one thing to our family. No matter what other brand we tried, none of them could touch Butter-Nut for rich, smooth, downright delicious flavor.

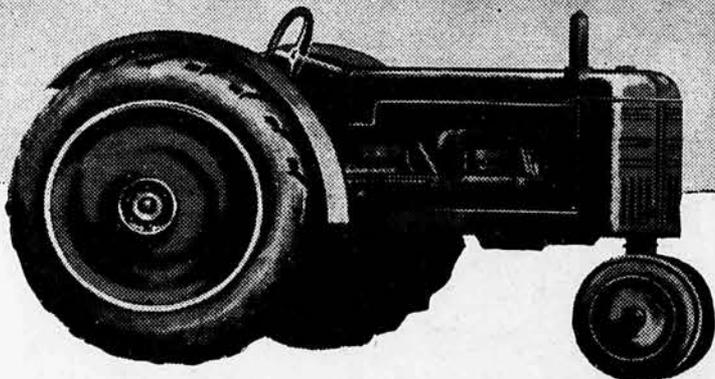


Butter-Nut The COFFEE

What oil should you use



in a tractor?



Until recently, there was no satisfactory answer to this question—for no oil had been developed to meet the special needs of farm equipment—particularly important in wartime when such equipment is overworked and more precious than ever.

Fortunately for the war effort and for you, your Quaker State dealer can now supply you with a new kind of oil, a tractor oil, an oil that will stand up better, last longer, and lubricate more completely under all operating conditions.

Quaker State HD Oil is in a class by itself. It's a better oil to start with, because every drop is made from pure Pennsylvania Grade Crude Oil. Then it is refined by modern and exclusive processes that raise it to a new high of lubricating perfection.

Contains an "invisible mechanic"

There's an "invisible mechanic" in every quart of Quaker State HD Oil—a remarkable cleansing agent that prevents the accumulation of sludge and varnish, thus cutting down repair bills by eliminating the causes for many a breakdown.

When you add up all these exclusive advantages, you have an oil that will enable your equipment to work better and last longer.

And there's your answer. Use Quaker State HD Oil in your tractor.

QUAKER STATE

HD OIL
FOR YOUR TRUCKS AND TRACTORS



MOTOR OIL
FOR YOUR AUTOMOBILE

Retail price 35¢ per quart

Copyright 1944, by Quaker State Oil Refining Corporation, Oil City, Pennsylvania.

Uncle Sam Says...

Cost of War

War expenditures by the U. S. Government during August amounted to \$7,798,000,000, an increase of 443 million, or 6 per cent, over expenditures in July, says the WPB.

More School Busses

Of the 6,126 bus chassis approved for production during the 1944-45 school year, ODT has allocated to school service 4,000 and to adult service for transportation of war workers and others 2,126. Only 437 applications for school-bus service were approved last year, while the annual need, based on the 5 years preceding the war, was 10,400 busses.

ODT Must Approve

Prospective purchasers of used trucks are urged by ODT to make certain before acquiring the vehicles that their proposed operation meets all ODT requirements.

May Get Some Lumber

WPB has announced that a total of 8,919,000,000 board feet of lumber has been authorized for distribution during the fourth quarter. Of this footage 401,000,000 board feet has been assigned to WFA for re-allocation to farmers thru county AAA committees.

No More Gas

There will be no immediate let-up of gasoline rationing, not entirely because of a gasoline shortage, but because ODT insists that cars and tires be conserved.

One Third Are Renters

More than one third of the farms in the Nation's breadbasket—the great Midwest—are operated by tenants. The average equity held by owners in the area is only 38 per cent of farm value.

Selling War Surplus

Between May 15 and August 15 surplus war property totaling about 38 million dollars was disposed of by the Surplus War Property Administration. Remaining inventories on August 15 were 313 million dollars. More than 23,000 trucks have been declared to the Treasury Procurement Division and 30,000 more are expected soon.

Need Corn Pickers

WFA has asked manufacturers to fill quotas on new corn pickers first in 8 states, including Kansas and Missouri, which have best corn crop possibilities. Also, co-operation of all agencies has been urged in shifting corn pickers from counties where drouth has cut yields to those having better prospects.

Larger Feed Supply

Prospective supplies of feed grains as of August 1 were 6 per cent smaller than last year. With a prospective 13 to 15 per cent decrease in grain-consuming animals on farms next January 1, supply per animal unit for 1944-45 would be about 9 per cent larger.

Up Again, Down Again

Sugar supplies available to the United Nations during the current year are slightly larger than for 1943, but are likely to be smaller in 1945 because of prospects for a smaller crop in Cuba and reduced stocks in both producing and consuming areas.

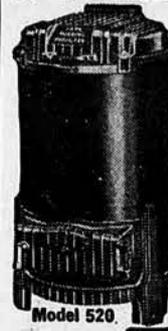
Bugs Beware!

A limited supply of rotenone has been made available for manufacture of preparation used in control of fleas and ticks on human beings and household animals, says WPB.

Can Use Own Wood

Farmers may receive without certification up to 5,000 board feet of lumber annually if it is produced from trees cut from their own farms. Previously, a farmer who cut trees from his own farm could take them to a saw-mill, but could not receive any lumber cut from his logs unless he could show a certificate obtained from the County Agricultural Conservation Committee, or produce a certificate he had received from a customer.

The Coal Heater That Is Amazing America



WARM MORNING 1944 MODELS



U.S. Pat. Nos. 225527 and 127471, and Can. Pat. No. 401088. Name Reg. in U.S. and Can. Pat. Off.

Only heater of its kind in the world!...the heater with remarkable, patented interior construction principles that have brought new, modern heating comfort to hundreds of thousands of users.

Be Sure to Get the Genuine!

Look for the name, spelled W-A-R-M M-O-R-N-I-N-G...the original and genuine! Semi-automatic, magazine feed. Holds 100 lbs. coal. Burns any kind of coal, coke or briquets. You need start a fire but once a year. Requires less attention than most furnaces. Heats all day and all night without refueling. Equipped with automatic draft control.

SEE YOUR DEALER TODAY—Have him demonstrate the remarkable features of WARM MORNING. (L-4)

LOCKE STOVE COMPANY
114 West 11th St. Kansas City 6, Mo.

Don't run Risks with Children's eyesight or Your Own!



Yellow, dim light is a known cause of eye strain. Too often, it impairs vision permanently... makes expensive treatments, glasses necessary.

ALADDIN LIGHT

Protects Eyes Saves Money

Aladdin fills a room with beautiful white light, unsurpassed by electricity for steadiness. Comfortable for study, sewing, reading. Operates up to 50 hours on a single gallon of kerosene (coal oil). Simple, safe, noiseless, odorless. No pumping.

Amazing Low Price

See your Dealer. You'll be delighted with the attractive new Aladdin Lamps and colorful, long-life Whip-o-Lite shades. He also supplies mantles, chimneys, wicks. It takes only a little money and care to keep ALADDIN at top efficiency for years and years.

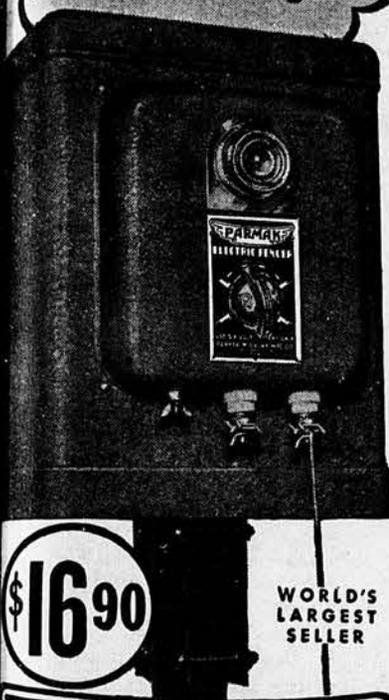
MANTLE LAMP COMPANY
CHICAGO 6 ILLINOIS

Aladdin ...Mantle Lamp...

You Could Do No Finer Thing!

The Copper Foundation for Crippled Children is maintained by voluntary contributions. Ministers unceasingly and sympathetically call to restore unfortunately handicapped boys and girls to health and happiness. It needs your help. Address: CAPPER FOUNDATION FOR CRIPPLED CHILDREN, 20-B Copper Building, Topeka, Kansas

Here's The **ELECTRIC FENCER** You've Been Waiting For!



\$16.90 WORLD'S LARGEST SELLER

DeLuxe FIELD Model - put it WHERE you need it - WHEN you need it!

The farmer's favorite - an all-purpose, all-weather fencer, housing both battery and unit in heavy, galvanized steel. Many exclusive features. 5 year service guarantee. You'll like it!

AT YOUR DEALER'S or write for nearest dealer's name **PARKER-MCCRORY MFG. CO. KANSAS CITY 8, MO.**

One Best Home Way To **BUILD UP RED BLOOD** To Get More Strength If You Lack Blood Iron!

You girls who suffer from simple anemia or who lose so much during monthly periods that you are pale, feel tired, weak, "dragged out"—due to low blood-iron—try Lydia Pinkham's TABLETS at once! Pinkham's Tablets are one of the greatest blood-iron tonics you can buy to help build up red blood to give more strength and energy—in such cases. Just try them for 30 days—then see if you, too, don't remarkably benefit. Follow label directions. Well worth trying!

Suffer Varicose LEG SORES? If you suffer pain and misery of Varicose Ulcers, or Open Leg Sores, send away at once for FREE Book, "THE LIEPE METHODS FOR HOME USE" tells all about this 40-year-old method, praised and endorsed by thousands, Liepe Methods, 3234 N. Green Bay Ave., Dept. 81-K, Milwaukee, Wisconsin.

Send for Catalog **STOCKMEN'S SUPPLIES** Saddles, Harness, Bridles, Belts, Chaps, Hats, Boots **FRED MUELLER, INC. 401 MUELLER BUILDING DENVER 2, COLORADO**

STAMMER? GET THIS FREE BOOK! A new 128-page book, "Stammering, Its Cause and Correction," describes the Bogue Unit Method—scientific correction of stammering and stuttering—successful for 43 years. Benj. N. Bogue, Dept. 3709, Circle Tower, Indianapolis 4, Ind.

Uncle Sam Says . . .

Junk Pile Grows More than 4,000 cars a day are being scrapped, which means a total of 1,500,000 estimated as going off the highways during 1944.

Needs More Fruits Government requirements for all canned fruits, except figs, have increased from less than 22 million cases to almost 37 million cases in 1944.

Hens Lay More Egg production on farms the first 7 months of 1944 was 112 million cases, 6 per cent more than the same period last year.

No Hog Ceiling Change Ceiling prices on live hogs will not be reduced from present levels prior to June 30, 1945. Ceiling prices are \$14.75 a hundredweight, Chicago basis, for hogs weighing more than 240 pounds. WFA also states that the support price of \$12.50 a hundredweight, Chicago basis, for good to choice butcher hogs weighing 200 to 240 pounds, effective October 1, will be continued to June 30, 1945.

Use Grain Sorghums Distillers have been notified by WFA that there will be no restriction during the fourth quarter of 1944 on use of grain sorghums for production of alcohol.

Butter Supply Down The average per capita supply of butter this year is 11.9 pounds, compared to 16.7 pounds before the war. No manufacturer will be required to set aside any butter for Government purchase until spring when production will rise seasonally.

Use More Oil The Nation's stockpile of crude oil in storage tanks has been depleted at the rate of 2,500,000 barrels a month this year.

Another Shoe Stamp A new shoe stamp to become good November 1 was announced by OPA. Number of the shoe stamp will be announced later. Non-leather shoes with rubber soles have been freed from rationing.

A Food Picture Walt Disney Studios have been contracted by the Government to make a cartoon movie short on nutrition to be shown in all commercial theaters.

Enough Antifreeze Due to military demands the great bulk of antifreezes marketed this year will be based on ethyl and isopropyl alcohols rather than methyl alcohol. However, the over-all supply of antifreeze will be ample for all expected demands.

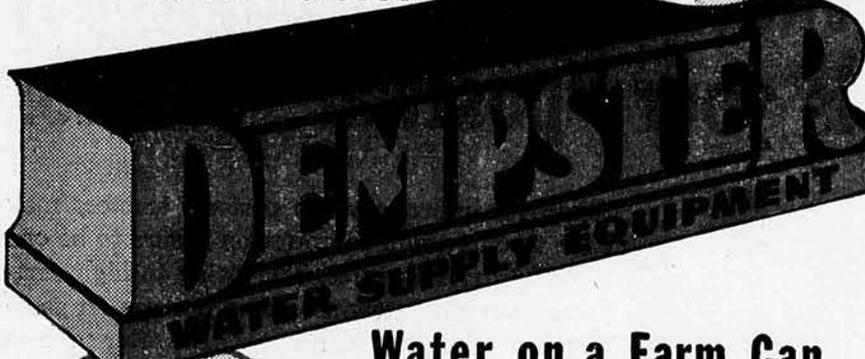
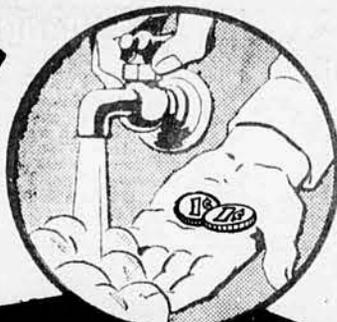
A Good Insulation Household refrigerators and freezing units of the future may have walls insulated with cotton, as a new cotton insulating product now is on the market and gives promise of being ideal for this use, say Government officials.

Ask for Small Arms Resumption of small arms production, prohibited for more than 2 years, has been recommended by the Small Arms Industry Advisory Committee. Small arms are urgently needed for law enforcement agencies, state guard training courses and hunters of predatory animals.

Burlap Still Short There will be no revocation or relaxation of present orders controlling production or use of cordage or burlap after the collapse of Germany, states WPB, since present shortages are due to war with Japan.

Conserving Cold Storage Prohibition against storing produce in less than 300-pound lots is expected by WFA to add additional cold storage space for the record quantities needed. Total occupancy now is at the highest level in history. WFA also is restricting storage of frozen poultry in barrels and baskets.

AS LITTLE AS **2¢ A DAY** PAYS OPERATING COSTS ON...



Water on a Farm Can Make for CONVENIENCE, HEALTH, HAPPINESS . . . Bigger Livestock and Poultry Profit!

Plenty of fresh, running water for livestock . . . plenty of water for every household need . . . yes, running water is the greatest convenience you can have on a farm! **DEMPSTER Equipment** . . . noted for its high quality and dependability . . . brings it to you at a low cost. It will pay big dividends in the long run.

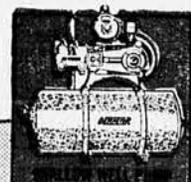
The convenience alone, of running water, cannot be measured in money. Think of the steps saved having water at the turn of a tap. And the extra time to do other jobs that need tending to. With less effort, farm production can be increased 10% and more, because ample water can speed fattening of livestock, boost poultry and crop production.

Water on tap at all times for dishwashing, cooking, laundering, bathing and house cleaning puts farm homes on an equal basis with city homes. Cuts out the back-breaking chore of carrying or pumping water.

Efficient, economical Dempster windmills or gasoline motor and electrical pumps are the answer to all farm water supply problems. Your Dempster dealer wants to help you plan the best system to fit your farm needs. See him.



DEMPSTER MILL MFG. CO. Beatrice, Nebraska



In the Future, Count on **DEMPSTER** — America's Complete Quality Line

- | | | |
|----------------------|-------------------------------|-------------------------------|
| WINDMILLS | CENTRIFUGAL PUMPS | STEEL & WOOD TANKS |
| PUMPS | WATER SUPPLY EQUIPMENT | PIPE |
| CYLINDERS | | FITTINGS |
| WATER SYSTEMS | | VALVES |

(F-7)

MERCO BRAND 20% SUPERPHOSPHATE FERTILIZER

Increase your wheat yield. Plow under fertilizer this fall for next year's spring crops.

MISSOURI CHEMICAL CO.

Joplin, Mo. P. O. Box 218 "Phone 17"

If your dealer cannot supply you, write or telephone

Plant at Atlas East of Joplin

BUY UNITED STATES WAR SAVINGS BONDS

next day in his comments to the press. Most of all, however, they were impressed by his evident intention to work with them thru men who really know their problems.

It was about 1 o'clock when that conference was over, and a barbecue lunch was waiting. Several hundred people had gathered by that time.

I asked Mr. Dewey whether he would like to take a few minutes out and see some of the cattle in the nearby corrals. He not only would like to, but insisted upon it. Carlos Royal, our pride and joy, was led into the foreground. He wanted to know at once why Carlos Royal was worth as much as I paid for him, or so much more than some other Hereford bulls. I pointed out some of the things that constitute a good beef-type animal. When we brought Dominus 37th out, and for which I paid about one seventh the price of Carlos Royal, he questioned my financial acumen a little regarding Carlos. I think quite a few others felt that way.

It was about 4:30 when he had finished his conferences. Then he immediately returned to a place on the lawn accompanied by one of his advisers. There they sat in earnest conference, working on one or more of his speeches. Presently some ranchers arrived who were too late for the reception. I did not like to disturb him, but did make bold to ask whether he would mind taking a minute to shake hands with them. "Sure," said he, "and if there are others bring them in too." So in the course of the next hour several late arrivals were cordially greeted in the midst of his work.

Evidently his mind is so well organized he can take a few minutes out to do things that are entirely irrelevant and return immediately to thoughts

that occupy him most. He was in that session until 6:30. We dined at 7. There were a dozen at the table. One would not have known that behind him and ahead were problems that would floor the average person. And don't overlook the fact that Mrs. Dewey is a charming little woman who radiates in her every manner and word the alertness, keenness and domesticity of the wife to a highly successful and extremely active man.

Following dinner he wanted to hear the 9 o'clock radio news. That over, a place was desired where he and two of his men might work. Two stenographers had been asked to remain at the ranch. They were at work by 10 o'clock, and there they stayed until 1:30 a. m. It appeared like an inhospitable thing to do, but we are accustomed to be in the "hay" by 8:30 or 9 o'clock p. m., and I could not take it. So Martha and I stole off to bed.

"Why Are Taxes So Low?"

After a light breakfast he again was out on the lawn and in the sunshine. It was then that I had my only visit with him alone—about one half hour—during his stay at By The Way. He is the darndest fellow I ever knew to ask questions, and he started right in on me. "Why are your taxes so low in Nebraska while you pay for everything as you go, including roads, support of your state institutions, and a new 10-million-dollar capitol."

"Well," said I, "our fathers saw to that. They wrote it into the constitution in the very beginning that the state could have no bonded debt, except \$100,000 in case of an emergency. That not only kept us from going in debt but made us tax conscious. We spend within our means and have no state income tax, sales tax, or nuisance taxes for our people know that those are the kinds of taxes that make it easier to raise money for unnecessary purposes.

"More Federal Government money has been spent in Nebraska since 1933 than we ever dreamed of—millions upon millions of dollars. Every time one of those projects came into a community it offended the tax-consciousness of the voters, for they know that the debt must be paid by them, and their children, and their children's children.

"Especially have they been offended by the waste of public money, for paying as we go it isn't easy to increase the tax levy without widespread criticism, and we must make our income reach by doing the job economically and efficiently. Our people are heartily opposed to the extravagant and wasteful use of public money."

Lunch was served at 12 o'clock. One of Mr. Dewey's first questions was, "Why is this house so quiet? There is no sound thru the walls." I explained to him that the house is insulated well against the weather. The wall studs are of 3- by 6-inch lumber and back plastered; that is, have two dead air spaces. He never had heard of such construction, but it began to dawn upon me that in his activities as the outstanding prosecuting attorney of our time in bringing New York criminals to justice, he had learned to think about other reasons for insulation—information leaks thru walls.

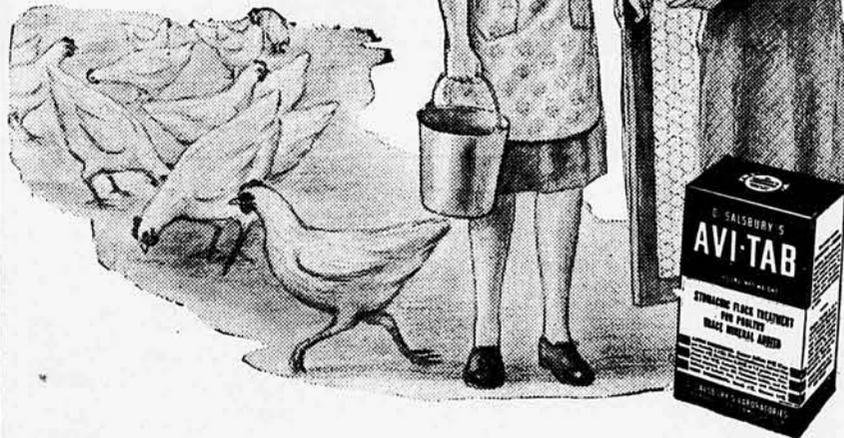
Ranch Fills the Larder

Mrs. Dewey remarked upon the excellence of the butter. It was made from sweet cream. She was very much interested in our refrigerating plant, as they have a deep-freeze system, and enjoy it a lot. We told them that the ranch supplies nearly all of our foods and Martha is old-fashioned enough to have a well-filled larder against times of need.

I asked Mr. Dewey whether he gave much time to the management of his farm. "No," said he. "I am not a farmer and I hope I have sense enough to know it. When I bought my farm there was a good farmer on it, and he has a good wife. We let them run the job." Mrs. Dewey added, "We like our farm not only for its comforts, but the thing that influenced us most in buying it was that we might have a place for our two boys where they can grow up amid natural surroundings."

Mr. Dewey is a little over 5 feet 8 inches tall, stockily built with broad shoulders, and as one of my ranch neighbors put it, "I had the impression from what I had read that he is a small man, but he isn't. He is a rugged fellow, full of health and vigor, and I wouldn't mind having him as a cow-hand."

...Yes, I mix AVI-TAB in their feed.



THOUSANDS of progressive poultry raisers and hatcheries use Avi-Tab regularly. Many report benefits and improvements.

This is because in many flocks there are some birds which a tonic appetizer will benefit.

Perhaps you have some birds like that in your flock right now. If so, try a ten day treatment with Dr. Salsbury's Avi-Tab. Watch how those birds respond.

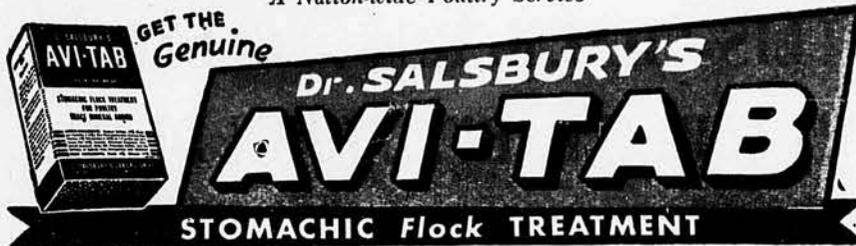
Avi-Tab is easily mixed in wet or dry mash; birds eat it readily. See your Dr. Salsbury dealer now. Ask for genuine Dr. Salsbury's Avi-Tab.

HENS HAVE LICE? Put Dr. Salsbury's Nic-Sal on roosts to kill lice. Nicotine fumes do the job.

For genuine Dr. Salsbury products, see your local Dr. Salsbury dealer—hatcheries, drug, feed, other stores. Look for this poultry service emblem.



DR. SALSBUARY'S LABORATORIES, Charles City, Iowa
A Nation-wide Poultry Service



POWER Your Pullets and Hens FOR Steady Daily PRODUCTION WITH DANNEN EGG FEED. Ask For DANNEN FEEDS AT YOUR LOCAL FEED DEALER'S.

DEPENDABLE LIGHT & POWER

GRANT FARM LIGHT Batteries FIVE HEAVY DUTY SIZES UP TO 615 AMPS. Double Insulation With Bonded Glass Construction is only one of the many features which make this such an outstanding product of Grant engineering.

No premium price to pay. Made in the same factories as Grant Auto, Radio, and Truck Batteries having an established leadership for a quarter century. Thousands in use with wind-electric, Diesel, and gasoline engine farm plants. Many GRANTS continue in daily use after 10 years.

Send for prices and complete catalog. If your dealer does not carry Grant Batteries, write us direct.

GRANT STORAGE BATTERY COMPANY Minneapolis, Minn. Sloux Falls, S. D. Manufacturers Fargo, N. D. Omaha, Neb. Kansas City, Mo.



100,000 TON REASON

Why Liquefied Gas Equipment Is In Short Supply

The world's finest air force flying the world's finest warplanes was not enough.

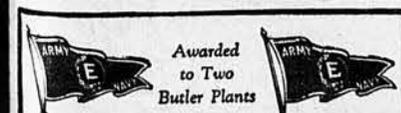
To translate air force into air power called for highly mobile air bases around the globe.

Since shortly after Pearl Harbor Butler factories have fabricated a hundred thousand tons of steel into pierced steel landing mat which sailors and soldiers speedily lay into landing strips.

For these air bases also, Butler plants have fabricated other thousands of tons of steel into steel hangars, machine shops, warehouses, truck and trailer tank refueling units, and bolted steel tanks for aviation gasoline.

Postwar, much of this steel tonnage will be Butler-Built into home gas systems far ahead of anything that came before them.

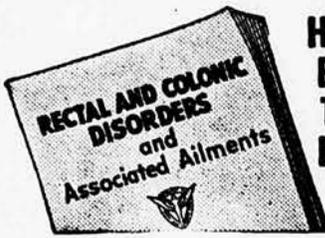
BUTLER MANUFACTURING COMPANY 7438 East 13th St. KANSAS CITY 3, MO.



BUTLER BUILT LIQUEFIED PETROLEUM GAS Home Systems, Truck and Trailer Transport Tanks and Bulk Storage Tanks

Piles May Cause Complications

FREE BOOK — Explains Causes, Effects and Proper Treatment



Health Book Tells Facts

Do you suffer pain, torture and broken health of neglected Piles, Fistula or related rectal and colon ailments? Write today for 122-page FREE BOOK. Learn facts. The McCleary Clinic, 1041 Elms Blvd., Excelsior Springs, Missouri.

Chickens Are Indispensable

(Continued from Page 1)

brooder and laying houses and by the amount of time available for caring for the flock, rather than the price of eggs or the feed-egg ratio.

In looking forward to possible large egg surpluses and low prices after the war most farmers take the view that "we have been thru hard times before, yet we always have kept chickens and they have kept us." A good farm flock is the farmer's insurance against going hungry during bad years and he doesn't intend to quit raising them regardless of the outlook.

Convinced their chickens are indispensable, come what may, farm flock owners are thinking in terms of keeping down death losses, maintaining the highest possible egg production, and working out the most efficient method

of caring for the flock they can find. Almost without exception they are culling this fall more closely than usual to make certain that every hen or pullet going into the laying house will pay for the feed consumed. But let's look in on a few farm families and see how they are meeting the problems of war-time.

Still Short of Wire

The flock raised by Mr. and Mrs. C. W. Watson, Anderson county, was being culled the morning your reporter was there. The Watsons usually take 300 layers into the winter season and will have about that number this fall, but they were culling very closely. They built a new 20- by 54-foot henhouse a year ago last December and had considerable trouble getting materials. They still are short of wire to put over the droppings boards but everything else is complete. They are using carbolineum to keep down mice and mites, which bothered them in the old house. They found that a feed room, divided into 5 bins, at one end of the laying house has been a big help in cutting down labor and conserving feed. They raise and grind all their feed except for oyster shell and tankage.

Nests in the Watson laying house are under the droppings boards and have entrances from the rear. Mrs. Watson says the hens do better because the nests are darker and they don't fight or break eggs so badly. From past experience they learned that they should build a laying house with a high foundation and deep anchorage to keep out rats.

Pulls Out the Nests

Cleaning out the nests is a disagreeable job on most farms, but Mrs. Harry S. Ayres, Anderson county, has solved that problem with a novel idea. Nests in the Ayres laying house are under the droppings boards but are fixed in one long frame resting on braces at the ends. Bottoms of the nests are made of common chicken wire. When Mrs. Ayres wants to clean out these nests all she has to do is pull out the entire frame, just like a long drawer, and dump the contents. She uses another idea that has proved very satisfactory, too. In the center of the nest frame, at the rear, a chain is attached. This chain runs up thru a hole in the droppings boards and is hooked to the roosts. In the evening, Mrs. Ayres pulls up the chain and hooks it so the back of the nests are closed, thus preventing hens from getting into them at night. The nice part about these handy ideas is that they are simple and can be duplicated by any poultry raiser who has some odds and ends and a little time.

Altho the Ayres flock will be slightly larger than normal this winter it will be cut sharply next year because Mrs. Ayres is doing a lot of field work and cannot devote as much time to the chickens. But she believes in sanitation for control of poultry troubles and will not allow it to slip.

During the spring she cleans her brooder house every day for the first 6 weeks the chicks are in it. To make the job easier she saves newspapers all year and uses them on the brooder floor. With this plan all she has to do is change the papers each day and she has a clean floor. It is a little more work to do it so often, but the reduction in death losses and prevention of later developing diseases more than pays for the extra trouble, she believes.

Another handy gadget in the Ayres

laying house is a homemade hanging feed hopper. It can be made out of old lumber and wire and has proved satisfactory. Advantages are that it is easy to put feed into because of its height, cannot be tipped over, and leaves additional floor space for the layers.

Plans No Reduction

If poultry producers don't go to extremes on numbers they are better able to get along under varying market and feed conditions, thinks Mrs. Ralph E. Sites, Anderson county. She has not greatly expanded her flock during the war and therefore does not plan any reduction after the war if conditions are unfavorable. A year or 2 of 10- or 15-cent eggs might change her mind, she admits, but she is not looking for anything that bad. She was lucky enough to get one of the few new brooders available in Anderson county last spring and her flock is not suffering for lack of any needed equipment. All hens on the place were sold to head off a threatened attack of fowl typhoid and pullet development has

(Continued on Page 23)

Delco-Remy

TRACTOR ELECTRICAL EQUIPMENT



Again Available on These Farm Tractors:

- ALLIS-CHALMERS . . . CLETRAC
- "CATERPILLAR" . . . JOHN DEERE
- HUBER . . . McCORMICK-DEERING
- MINNEAPOLIS-MOLINE . . . OLIVER
- SILVER KING

You will welcome the news that Delco-Remy tractor electrical equipment can again be supplied on new farm tractors. Proved by thousands of users, it provides the added convenience and safety of electric starting—the added dependability of dust-sealed, weather-sealed units designed particularly for hard farm usage—the added usefulness of an electrical system that permits tractor lamps for night work. To get the most out of your tractor investment, make sure your new tractor is complete with Delco-Remy tractor electrical equipment.

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



DELCO BATTERIES for CARS, TRUCKS, TRACTORS



Delco batteries are known every where for long life, for sure starting power in sub-zero weather and for sturdy construction. They are available in the right size and type for your car, truck or tractor. To conserve materials, take good care of your present battery; and when you must replace, replace with a Delco.



Delco-Remy ★ Pioneer Manufacturer of Tractor Electrical Equipment

Contour Farming

"Level Farming on Sloping Fields" is the title of a new booklet which describes and illustrates the many advantages of contour farming; also the ease with which fields can be plowed, planted, cultivated and harvested on the contour. Special emphasis is placed in this J. I. Case Company booklet, on the points that contour farming saves tractor power, produces high yields and conserves soil, water, seed and fertilizer. A free copy of the booklet may be ordered from Farm Service Editor, Kansas Farmer, Topeka.

GOOD FENCES Help Turn Run-Down Farm into High Food Producer



Arthur Kriegbaum, Huntington, Ind.

"It is easy to see why this farm was a low producer when we took it over 5 years ago. The fences were poor; not enough livestock on the farm; too heavily grazed; poor crop rotations.

"Since rebuilding the fences, we've been able to carry nearly 3 times as much livestock as formerly. Also, with proper rotation of grain crops, legumes and pasture, crop yields have increased 40% during the past 5 years. These improvements were made possible mainly by good fencing.

Eight Miles of RED BRAND

"The 8 miles of Red Brand fence on this farm speaks for itself. We wouldn't consider using any other kind because Red Brand lasts longer, costs less in the long run, and keeps repair expenses down."

NOTE—New Keystone fence is now available . . . not extra heavy coated Red Brand . . . but the very best fence obtainable under present Government directives.

KEYSTONE STEEL & WIRE CO. PEORIA 7, ILLINOIS

RED BRAND FENCE



FOR SAFER LAYING HOUSES

That big job your layers have to do requires proper sanitation. So after cleaning up thoroughly—refuse, litter and dirt—and scrubbing, be sure also to disinfect with Par-O-San. On proper contact, Par-O-San is an effective disinfectant against common poultry disease germs (spore bearing organisms excluded). Used as directed, it won't harm birds or equipment. Stainless. Economical. Pleasant odor. Get Par-O-San at hatcheries, feed, drug, other stores, now.

DR. SALSBERY'S LABORATORIES Charles City, Iowa



Post-War Jobs

After the war there'll be more of those good old



Sealed First-Aid and Family Medicines, Spices, Champion Flavoring Extracts, Food Products, Toiletries, Soaps, Household Necessities, Insecticides, Livestock and Poultry Preparations, Brushes, Brooms, Mops.

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

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

Furst-McNess Company
Established 1908
Dept. A-20 Freeport, Illinois

Help Youngsters GROW STRONG VIGOROUS HUSKY!

with

GOOD-TASTING TONIC
Good-tasting Scott's Emulsion contains natural A & D Vitamins often needed to help build stamina and resistance to colds and minor ills. Helps build strong bones and sound teeth, too! Give good-tasting Scott's daily, the year-round!

Recommended by Many Doctors
Try SCOTT'S EMULSION
Great Year-Round Tonic

FREE! Save Feed

New 1945 Book on Egg Profits!

Ways to help boost egg production and make best possible use of every pound of feed. Read how you may save up to 20% on feed cost with the famous **Ful-O-Pep Plan**—the plan followed by many of the nation's outstanding poultrymen. Chapters on Housing Pullets, Feeding, Disease, etc., 32 pages, well illustrated. A goldmine of interesting and profitable information. For your free copy write while supply lasts to

THE QUAKER OATS CO., DEPT. J-26, CHICAGO 4, ILL.

PAGE Portable Milker
Fast, safe, proven. More milk, more profit—less work. Simple, easy to clean. Write for catalog.
Pioneer Mfg. Co.
Dept. MD-104, West Allis, Wis.

Chickens Are Indispensable

(Continued from Page 22)

been uneven this year because of brooder pneumonia last spring, but Mrs. Sites has overcome all her difficulties now and her pullets look fine.

A new electric water heater is the next equipment on the wanted list for Mr. and Mrs. P. P. Lewis, Anderson county. They plan on 225 to 250 birds in the laying house this fall and have found no drop in production because of wartime feed problems.

The Harry Fergusons, Anderson county, are another farm family keeping their poultry program on an even keel, good years or bad, so they are planning no reduction in case the market trend is down after the war. They have had no feed problems and do not need any equipment.

Normal Number of Layers

Eggs will remain as good as any other farm project, despite postwar conditions, thinks Peter Lowe, Miami county farmer, who is planning for a normal number of layers this winter. He had no trouble finding new feed hoppers this last year and production has been exceptionally good. Ground corncob litter rather than straw is used in the Lowe laying house as he believes it is more absorbent and requires less cleaning.

Clean ground is an important point in the successful poultry program of Mr. and Mrs. Sam Rose, Miami county. Their brooder houses are located in a field that has been thoroughly worked and planted to a pasture crop for spring and early summer grazing.

Mrs. Floyd Delimont, of Miami county, has rigged up a broody coop which she says will cure almost any hen in 3 days. The coop is 3 by 4 by 10 feet, with wire floor and metal roof. It is divided into 2 pens with a self-feeder in the partition so hens in both pens can feed from the same feeder. A brooder of this type can be built by any farmer, and Mrs. Delimont claims it is uncomfortable enough to take the heart out of any hen with broody habits.

Another piece of equipment used successfully by Mrs. Delimont is a commercial wintertime waterer constructed on the principal of a thermos jug. That is, it has an outside casing that serves as insulation, while the water is placed in another container that fits down into the casing. Warm water can be put into this waterer in the morning and will stay at almost a fixed temperature for the entire day. The extra eggs daily such a waterer will bring soon pay for the equipment.

Will Cull Sharply

The same number of hens are kept by Mr. and Mrs. Dale Everhart, Miami county, regardless of the market. They started with 380 chicks last spring and will cull sharply this fall. Their pullets layed earlier last fall because they had installed lights in the laying house. Production was good all winter but has not been up to standard this fall.

You don't see many Anconas in farm flocks but Mr. and Mrs. G. E. Martin, of Osage county, have been raising them for 6 or 7 years and like their laying qualities. All their pullets are bloodtested before going into the laying house and alfalfa and alfalfa meal are fed to prevent colds. They put a cement floor in the laying house to keep out rats, which had been causing some losses.

Mrs. Frank Garrett, Osage county, reports that strangely her pullets have developed less uniformly this year but that hatchability of eggs from her flock of hens has been higher than normal. She believes the late spring and changing weather affected the even growth of her chicks, which also developed more slowly. Eggs from this farm are sold at a premium as hatching eggs.

Rug Bulletin

Rugs of all kinds and sizes are suggested in our leaflet, **Home-made Rugs**. Complete instructions are given for making the rugs, also footstool tops, chair seats and mats. A free copy of this leaflet will be sent upon request to Farm Service Editor, Kansas Farmer, Topeka.

MY RADIO

brings me the greatest news events in the history of the world—

thanks to **WINCHARGER**

All over the world, people in remote places whose radios are powered by Winchargers and storage batteries are "getting the news"—"sitting pretty." Hundreds upon hundreds of thousands of these little Winchargers—built primarily for radio powering—paved the way for the giant all purpose power Wincharger of today. It generates power from the free wind—gives time saving and labor lessening to those who need it most.

AVAILABLE NOW! The government, recognizing farmer's power and radio needs, has granted priorities necessary to produce . . .

WINCHARGER POWER PLANTS in limited quantities for farm use exclusively.

WINCHARGER Power from the Free Wind For **PUMPING WATER**

- MILKING MACHINES**
- ELECTRIC IRONS**
- WASHING MACHINES**
- REFRIGERATORS**
- MOTORS**
- LIGHTS**
- RADIOS, ETC.**

WINCHARGER PROVIDES SUFFICIENT CURRENT FOR ALL AVERAGE FARM NEEDS

SEND COUPON NOW FOR FULL INFORMATION

WINCHARGER CORPORATION
World's Largest Makers of Wind Electric Equipment
Dept. KF1044 Sioux City, Iowa.

Send your FREE booklet and full information on how I can light and power my farm with Wincharger.

Name _____ Route _____
P. O. _____ State _____
County _____

I now get light from _____
SAVE POSTAGE—Paste Coupon on Penny Postal!



WINCHARGER RURAL ELECTRIC SYSTEMS
WINCHARGER CORPORATION SIOUX CITY, IOWA

Occo . . . KEEPS US IN TOP CONDITION Even During The Winter Months



Feed and protein shortages . . . a tough winter ahead . . . on some farms they foretell a bleak future for livestock and poultry. But not on farms where Occo Mineral Compound is used. On Occo farms, livestock and poultry will weather the worst that winter has to offer . . . yes, and they will have the stamina that resists disease . . . the vigor that keeps meat, milk and egg production high . . . the ability to get the utmost value from every pound of scarce feeds they use.

Minerals, important to livestock and poultry the year 'round, are especially important during the winter months. So add Occo Mineral Compound to livestock and poultry rations now. Occo is the complete mineral compound; it contains essential minerals that aid assimilation and digestion . . . build bone and meat . . . promote top condition and peak production.

Occo Mineral Compound comes in a complete line. Whether you raise hogs, milk cows, beef cattle, poultry or sheep, there's a special Occo Mineral Compound to meet your feed lot requirements. So call in the Occo Service man in your community at once. He can show you how to fortify your livestock and poultry against winter by using Occo Mineral Compound. If you do not have his name, write to the Oelwein Chemical Company, Oelwein, Iowa.



OELWEIN CHEMICAL COMPANY
OELWEIN, IOWA

Invest in VICTORY. Buy U.S. Savings Bonds and Savings Stamps

DEPENDABLE
Weapons for the Farm Front

SAVE FEED!
SAVE TIME!
Raise Healthy Livestock and Poultry

ONE GALLON
KRESO DIP
No. 1

NEMA
WORM CAPSULES

NEMAZENE TABLETS
12.5 Gm.
PHENOTHIAZINE
PARKE, DAVIS & CO.
DETROIT, MICH. U.S.A.

When the farm front calls for worm treatment and a good clean-up job on farm buildings, you will need Nema Worm Capsules, NemaZene Tablets and Kreso Dip No. 1. If possible, order from your druggist in advance. It will help you to get what you want when you want it. Write for free booklets on "Farm Sanitation" and worming.

Animal Industry Division—Desk 28

PARKE, DAVIS & CO.

DETROIT 32, MICHIGAN

DRUG STORES SELL PARKE-DAVIS PRODUCTS

Fair Champions

(Continued from Page 7)

grand champion, Merryvale Farm, Grandview, Mo., on Edelyn Prince Peter; senior champion female, Merryvale Farms on Royal Countess 20th; junior and grand champion, Merryvale Farms on Miss Ransom 3rd. County groups (1 herd), Butler county.

Dairy: Senior and grand champion Ayrshire bull, G. Fred Williams, Hutchinson, on Woodhull Just Right 68511; junior champion, Fred D. Strickler, Hutchinson, on unnamed entry; senior and grand champion female, G. Fred Williams on Woodhull Sunny Thistle 193729; junior champion, G. Fred Williams on Woodhull Royal Hostage 272003; district herds, Central Kansas district.

Holstein: Senior and grand champion bull, Frank Finkelstein, Hutchinson, on Kang Creator Champion Segs 772013; junior and reserve champion, John Heersche, Mulvane, on Heersche Homestead Performer 910335; senior and grand champion female, John Heersche on Heersche Triune DeKol Beauty 2211866; reserve champion, T. Hobart McVay, Nickerson, on Lawnwood Marathon Rosetta 1935099; junior champion female, Reeds Farm Dairy, Lyons, on Mt. Joseph Marcel 2359137; district herds (2), West-Central Kansas.

Guernseys: Senior and grand champion bull, Ransom Farm, Homewood, on Ransom's Fidget Fireman; reserve champion, H. A. Klasinger, Ottawa, on Springdale Famous 327103; junior champion bull, Noah Edelman, Sabetha, on Vansdale Violet's Rex 350682; senior and grand champion female, W. O. Boehle & Son, Lawrence, on Springdale Bobs 641075; reserve champion, H. J. Regier, Hillsboro, on Jo-Mar Governor's Glory 682805; junior champion, H. A. Klasinger on Springdale Fannie Lee 841384; regional herds (3), Kaw Valley district.

Jerseys: Senior and grand champion bull, Cecil H. Werneke, Caldwell, on Volunteer Regina Noble 402316; junior and reserve champion, Wallace Patrick, Iola, on Noble Merry Man 448781; senior and grand champion female, Wallace Patrick on Sybil Dictator Mary Ann 1153160; junior and reserve champion, Cecil H. Werneke on Lucy Foremost Snowdrop 1419624; parish herds (3), East-Central parish.

Brown Swiss: Senior and grand champion bull, G. D. Sluss, El Dorado, on El Dorado Groyner Forest 53845; junior and reserve champion, G. D. Sluss on May's Pretty Boy 60306; senior and grand champion female, G. D. Sluss on Bonnie Fay 2nd's Pet Mary 78786; junior and reserve champion, G. D. Sluss on Theima Amelia's 2nd's Lady 115032. Canton herds (1), Central Canton.

Milking Shorthorns: Senior and grand champion bull, W. L. Hartman, Wichita, on Brookside Mapperton 78th m1997821; junior champion, La Verne Johnson, Assaria, on Liberty champion qm225122; senior and grand champion female, Joe Hunter, Geneseo, on Retnuh Stylish Maid 2nd m1944808; junior champion, W. L. Hartman on Flash's Edgewood Lady qm2145036; district herds (3) South-Central.

Swine: Grand champion market barrow, Joe Knappenberger, Hutchinson, Carcass contest, I. L. Rudasill, Moline, Mo.

Spotted Poland China: Senior and grand champion boar, Carl Billman, Holton, on Silver Ace; junior champion, Wayne L. Davis, Mahaska, on True Keepsake; senior and grand champion sow, Fieser Brothers, Norwich, on Silver; junior champion, Wayne Davis on Victory Lady.

Hampshire: Senior and grand champion boar, James E. Tays, Fisher, Ill., on Rosevale Tape-roller; junior champion, Prairie Edge Farm on Super Liner; junior and grand champion sow, O'Bryan Ranch, Hiattville, on O'Beauty; senior champion, Earl H. Kelly, Stafford, on My Eleanor.

Berkshire: Senior and grand champion boar, Tommy Wilson, Kearney, Nebr., on Pioneer Master Raider; junior champion, Frank Cox, Richmond, on Midland Leader; junior and grand champion sow, Wall Brothers, Buhler, on Wall's First Lady; senior champion, Wall Brothers, on Wall's Royal Princess.

Poland China: Junior and grand champion boar, Chester DeWerff & Sons, Ellinwood, on Sir Echo; senior champion, Gordon McLin & Son, Silver Lake, on Commando; junior and grand champion sow, Albert Morgan, Alta Vista, on Highland Girl; senior champion, Chester DeWerff & Sons on Victory Queen.

Chester White: Senior and grand champion boar, Deerfield Farm, Beardstown, Ill., on Deerfield Designer; junior champion, Deerfield Farm on Hady Cap; junior and grand champion sow, Deerfield Farm on Deerfield Belle; senior champion, Deerfield Farm on Clarrisa.

Duroc Jersey: Senior and grand champion boar, Hansen Brothers, Longmont, Colo., on Bar Y Invincible; junior champion, Wayne Davis, Mahaska, on Mahaska Wave; senior and grand champion sow, Hansen Brothers on Bar Y Madge 1st; junior champion, Wayne Davis on Pilot Ann.

Hereford: Senior and grand champion boar, Osborne County Breeders' Association on Duration Model; junior champion, Rukgaber Brothers, Mr. Pleasant, Iowa, on Purple Heart; senior and grand champion sow, Rukgaber Brothers on Murray Girl; junior champion, D. R. Hoak, Fresno, Calif., on Dream Rose Lady.

Sheep: Fat market lambs, Virgil McClure, Newton, champion; H. E. Heiser, Pomona, reserve champion.

Southdown: Champion ram, I. J. Worthington & Son, Bluff City; champion ewe, I. J. Worthington & Son.

Shropshire: Champion ram, W. A. Lytle, Wellsville; champion ewe, Clarence Unruh, Greensburg.

Hampshire: Champion ram and ewe, Donald Welton, Rantoul.

Horses: Junior and grand champion Percheron stallion, H. G. Eshelman, Sedgwick, on Nor Seno 243416; senior champion, McElwain Brothers, Burrton, on Car Victor Degas 241035; senior and grand champion mare, McElwain Brothers on Rowena 232162; junior champion, Charles E. Dye, Wichita, on Maryetta.

Belgian: Senior and grand champion stallion, W. D. McIntosh, Burns, on Major 22853; junior champion, Dwight A. Yordy, Brookville, on Chief Clypot de Gable 27198; junior and grand champion mare, Dwight A. Yordy on Sweetheart of Indiana 31139; senior and reserve champion, Dwight A. Yordy on Patsy de la Tourette 26138.

Crops: Grand champion on collective agriculture, J. A. Johnson, Buhler, County project exhibits, Cloud county. Corn sweepstakes, Rolly Freeland, Effingham. Best sample hard red winter wheat and soft winter wheat, A. G. Siegrist, Hutchinson.

Horticulture: Best 5 trays and best table commercial apples, L. R. Thomson, White Cloud.

HE HAS YOUR BATTERY

Vital cargoes must get through to our fighting men overseas! For emergency communication the Merchant Marine depends upon portable battery-powered megaphones. We're short batteries on the homefront now because they're needed to power countless time-saving, life-saving instruments on land and sea. Use your available Burgess Batteries sparingly . . . keep them cool and dry. For Free Battery Hints Write Dept. K-3, Burgess Battery Company, Freeport, Illinois.

The War Chest Helps Here and Overseas



BURGESS BATTERIES
IN THE NATION'S SERVICE

BETTER LAYERS HEALTHIER BIRDS LESS FEED COST

Follow the simple rules below and you will produce more and better eggs and healthier birds at less feed cost.

First: Cull out the poor layers. Use them for meat or sell them.

Feed only the high egg producers.

Always have plenty of fresh, clean water available.

Keep the poultry house clean.

Keep hopper filled with Pilot Brand Oyster Shell.



Get the bag with the big blue pilot wheel on it. At all progressive dealers everywhere.

NATIONAL Vitrified SILOS
Everlasting TILE
Cheap to install. Trouble Free. Also Tile Stave Silos. Outside Reinforcing.

NO Blowing In Buy Now
Blowing Down Erect Early
Freezing Immediate Shipping

Rowell Roller Bearing Ensnago Cutters. Write for prices. Special discounts now. Good territory open for live agents.

NATIONAL TILE SILO COMPANY
636 Livestock Exchange Bldg. Kansas City 14, Missouri

Sure Sign of Good Layers

By MRS. HENRY FARNSWORTH

THIS month we are likely to notice that our laying hens look ragged and dirty. Their plumage is broken and rough. Some hens are losing some of their feathers. Egg production is on the decline. Once a year most all farm animals shed their old coats for new ones. In the spring the horse and cow shed their winter coats and put on new and inner coats for summer. In the fall their coats grow thicker and longer for winter. In the late summer or early autumn is the natural molting time for hens. They shed their old, rough, ragged coats and grow new glossy ones.



Mrs. Farnsworth

If they molt they usually molt entirely and do not begin again until the days begin to lengthen. Sometimes they shed a few feathers at a time over a period of several weeks, and during this time some hens that are good layers will continue to lay a few eggs a week. Some of the very highest producers will lay well up to late in the fall, perhaps into November, and then lose virtually all of their feathers almost overnight. Such late molting grows their feathers in much shorter time than do the earlier molting. They may complete the molt in 45 days, while it takes the poorer layer 90 days.

A year of heavy laying and quick molting is a heavy strain on a fowl's health. There are poultry raisers who do not take this fact into consideration. They think that when a hen is molting is a good time to take a vacation from their chore of caring for the hens and let them rustle for themselves. Hens need good food and extra care during the molt, especially those that molt late in the year.

Nitrogen in Feathers

There is estimated to be one fifth as much nitrogen in the feathers as there is in the entire body of the hen. The feathers are about one fifth the total weight. It is estimated that the average hen has about 8,000 feathers. It takes from 2 to 3 months to grow these new feathers when the hen receives good feed. If a hen is extra well fed with the foods needed for growing feathers and maintaining her body, the time for molting may be shortened. One must take into consideration the health of the hen in thinking about the length of time required to grow the new coat. The older the hen as a rule the longer it takes her to complete the molt. The energy of the hen also has something to do with this.

Feeds given during the molting period should be rich in proteins, fats and feather-building material. An extra amount of meat meal, oil meal or

sunflower seed is excellent to add to the ration at this time. Two to 4 pounds of powdered charcoal also is good to add to the regular mash mixture and helps to control any tendency towards diarrhea that might be caused by too rich a diet. The oil meal has a tendency to cause diarrhea, and one should remember this in using it in the mashes. If sunflower seed is fed it may be put in the scratch grain, using about 50 pounds of corn, 25 of wheat, 25 of oats, and 5 pounds of sunflower seed. As the weather is getting cooler during the autumn and early winter it is necessary to use more corn than when the weather was warmer. The hens need to put on more weight to gain back their vitality. Greens are very important during the molt to keep the hen in good physical condition and supply extra protein which is needed.

Did you know that during the molting period the hen sheds the scales from her shanks and toes? At this time of the year is a good time to help the hen get rid of the rough scales and grow new ones by rubbing her shanks and toes with vaseline or similar ointment. In a real case of scaly legs, dipping into coal oil or dip will help.

Hens Need Protection

Another thing hens that molt in the cold weather appreciate is a warm place to roost. I have seen hens that had lost all their feathers in real cool weather positively suffer if not well protected. They need a warm place to roost. These late molters are the ones that have produced the largest number of eggs in the year and are entitled to good care. One of the best ways of building a good flock of layers, ones that can be depended upon year after year without the use of the trapnest, is by using these extreme late molters to produce hatching eggs for next year's pullets. They may be marked in the fall when they molt by using colored celluloid bands. Such hens mated to males from trap-nested hens of known production will soon give a flock that is above average in production.

Hens that have laid over a long time, and that complete the molt in good physical condition without any signs of disease such as range paralysis, are the kind of hens that can transmit long life and vitality to their offspring. If such hens were the only kind used for producing hatching eggs for hatcheries or for home hatching, the mortality from the pullets raised from such vigorous stock would be small indeed, compared to the present high mortality among many flocks in their first year of laying.

U. S. Imports Feed

More than 7 times as much protein meal and feed grains were imported last year than were exported, reports Lawrence Norton, chairman of the

state AAA committee. Proteins imported consisted of fish scrap, meal and vegetable proteins and came mostly from South America. This country also imports more than 200 times as much barley and oats as are exported.

Leader in 4-H

Shawnee county 4-H Clubs under the able leadership of C. L. King, 4-H Club agent, are leading the state both in club membership and number of projects, states a dispatch from state headquarters at Manhattan. Total membership in Shawnee county now is 604 and total projects 1,391.

RHEUMATISM RELIEVED

38 years' experience in the treatment of Arthritis, Neuritis, Sciatica, Lumbago, and Gout, Obesity, Hypertension (High Blood Pressure), Hypotension (Low Blood Pressure). Excellent train and bus service, via N. W. R. R. and Greyhound bus to Shakopee, Minn.; M. & St. L. R. R. to Chaska, Minn.; Milwaukee R. R. to Glencoe, Minn.; Greyhound bus Glencoe to Shakopee. Write for Booklet, F.

**MUDCURA SANITARIUM
SHAKOPEE, MINNESOTA**

While You're At It . . .

**GET THIS
EXTRA
VALUE**



**Dr. Salsbury's ROTA-CAPS
Remove Large Roundworms and
also Intestinal Capillaria Worms**

Individual Treatment for CHICKENS and TURKEYS

MANY preparations do not remove these capillaria worms. Though not so common, a heavy infestation is very damaging to the bird. So, when treating your poultry flock for large roundworms, you will welcome this extra value which Rota-Caps provide.

Rotamine, the drug compound found only in Rota-Caps, removes these intestinal capillaria worms, in addition to the large roundworms. Yet, Rotamine's action hasn't the effect of harsher treatments—another extra value.

Rota-Caps are easy to give, low in cost. Surveys show Rota-Caps pre-

ferred 2 to 1 by poultry raisers. So, for the extra value treatment that your birds deserve, use genuine Dr. Salsbury's Rota-Caps.



For helpful flock management advice and genuine Dr. Salsbury products, see Dr. Salsbury dealers—hatcheries, drug, feed, other stores. Look for this emblem. If no dealer is near you, order direct.

ROTA-CAPS LOW PRICES	Adult Size
Pullet Size	50 caps. . . . \$.75
50 caps. . . . \$.50	100 caps. . . . 1.35
100 caps.90	200 caps. . . . 2.50
	500 caps. . . . 5.00

If you prefer a flock treatment, use Dr. Salsbury's Avi-Ton. Contains phenothiazine. Removes both large round and cecal worms. Is easily mixed in wet or dry mash. Easy on the birds.

DR. SALSBUURY'S LABORATORIES, Charles City, Iowa
A Nation-wide Poultry Service

GET THE Genuine **DR. SALSBUURY'S ROTA-CAPS**
THE Only TREATMENT CONTAINING Rotamine

IOWA Super Electric

★ AMERICA'S No. 1 ELECTRIC CREAM SEPARATOR . . .

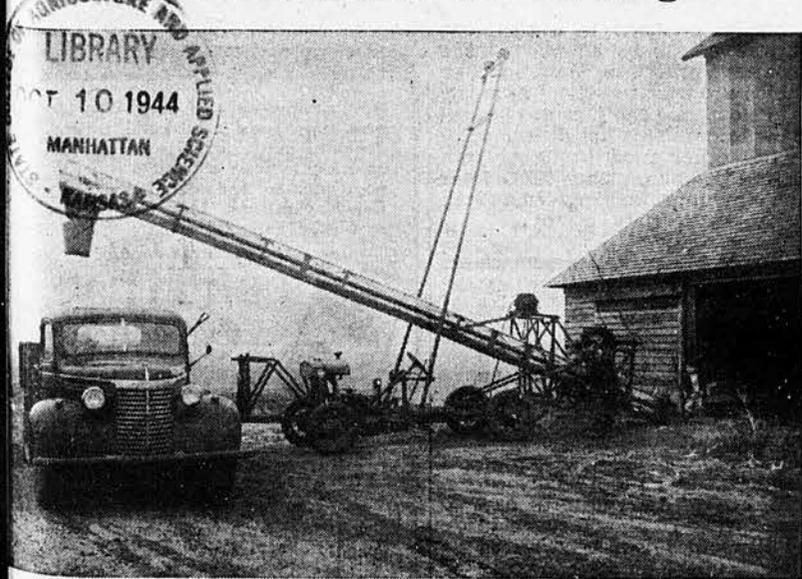
Here is the cream separator that combines all the advantages of close skimming, long life, dependable performance, modern streamlined design with simplified "oil electric" operation. No gears . . . no oiling . . . no clutches . . . easy to clean . . . low supply tank. The Iowa Super Electric is years ahead in design—yet farm proven in performance. Ask your dealer or write.

ASSOCIATED MANUFACTURERS, INC.
Builders of Quality Cream Separators Since 1895
Dept. KF-1044 WATERLOO, IOWA



IOWA Is THE Cream Separator To Remember

Elevator Does the Lifting



Max McComb's homemade elevator, Stafford county, is 33 feet long, 16 inches wide, and is run with a 3-horsepower Briggs-Stratton motor where electric power is not available. He uses it to elevate baled alfalfa into the barn, small grain or ear corn. The elevator is mounted on a 1931 Model-A Ford, which can be driven back and forth between his 2 farms, which are 4 miles apart.

SIGN UP FOR
Preference Delivery
Now

VICTORY ORDER BOOK

SPEED QUEEN
Dealer Today

Mrs. Peter James
Anna Krenz
Mrs. John Krenz
D. L. Has

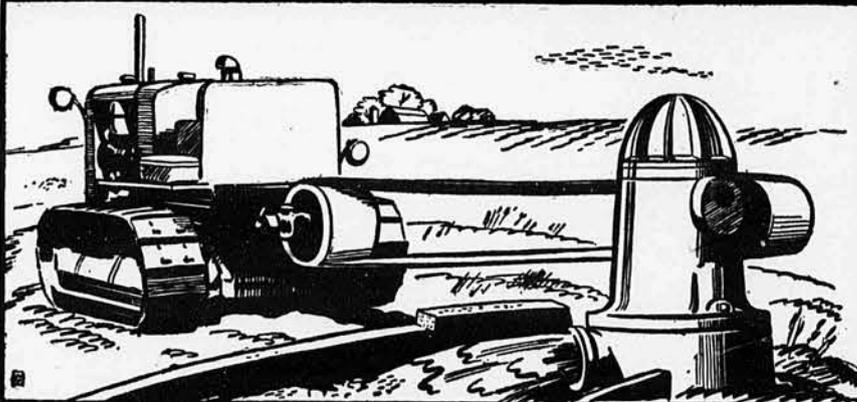
Register now and be one of the first to get your Speed Queen washer or ironer as soon as they are again manufactured. You don't need to make actual purchase. Registration is merely to protect you on early delivery. Write for name of your nearest Speed Queen dealer.

BARLOW & SEELIG MFG. CO.
Box 252-C Ripon, Wis.

SPEED QUEEN
WASHERS IRONERS

BUY WAR BONDS NOW

WATER WHEN YOU NEED IT



JOHNSON Right-Angle DRIVE

This Drive is used between the turbine pump and the power unit... connects any engine to the pump for low-cost irrigation. Assures dependable water 24 hours a day.

Transmits power from your farm tractor or stationary engine... either natural gas, diesel, or gasoline. Types and sizes to meet all specifications for any size acreage. Thousands in successful use on farms all over the United States.

- COMPACT
- EFFICIENT
- ECONOMICAL
- LONG LIFE
- DEPENDABLE
- FULLY ENCLOSED

ILLUSTRATED BOOKLET Mailed on Request

Copy. J. G. & M. Co., 1944

JOHNSON GEAR & MANUFACTURING CO., Ltd.

MAIN OFFICE AND WORKS • BERKELEY • CALIFORNIA

School Lunches

(Continued from Page 14)

paid 15 cents for each lunch, and the WFA paid the sponsoring school board 9 cents for each meal.

Hartford Program

Various means are used to get community participation. At Hartford in Lyon county, the school distributed jars to school patrons and in the fall these were returned to the school filled with home-canned food. Last year they collected 400 quarts of food in this manner. Mrs. C. F. Turner, a teacher in the system, together with H. H. Ewald, principal, and Mrs. S. G. Jones, comprised a committee who planned and carried out the project. Mrs. Pearl Bland and Mrs. Will Storey were employed to prepare and serve the food. Their program is subsidized by the War Food Administration in the amount of 9 cents a meal, the school board supplied the food not provided by the WFA and charged 12 cents for each meal eaten. This was later reduced to 10 cents. Any backlog of funds is used at the beginning of the following year to buy staples. Out of a total enrollment of 150 students, between 65 and 100 ate at the school. A few were given the privilege of free meals, for which they worked in the dining-room.

Packed Lunches

The fact that Johnny has 25 cents in his pocket for lunch is thin security, because Johnny might spend it all for chocolate sodas, good in themselves but hardly an adequate lunch. The school lunch project is an element for good in preventing the development of such undesirable eating practices. This evil, of course, applies only to the larger rural areas where the drug-store across the street competes if uncontrolled with the approved lunch at school.

Mighty nutritious lunches can be prepared at home if mother, too, recognizes the need and is a firm believer in the rule that one third of the day's food should be supplied at noon. The following home-packed lunch can be used as a measuring stick:

- Liver Sausage Sandwiches
- Deviled Egg
- Carrot Strips
- Oatmeal Cookies
- Apple Milk

Of course, the milk could be carried in the thermos and might be replaced with hot cocoa when cold weather arrives. In fact, it's pretty unlikely a really good lunch can be packed which does not have either milk or cocoa. Some foods must be packed in jars in order to retain their attractive qualities.

- Vegetable Salad in Glass Jar
- Cheese Sandwiches on Whole Wheat Bread
- Orange Plain Cake
- Cocoa

For such small cost or so little effort, there is nothing to compare in genuine pleasure with an after-lunch "surprise." It might be a stick of chewing gum, or a piece of homemade candy or the funnies that John or Mary had failed to read. Surprises are always fun, but the lunchbox surprise for small children is a real joy.

Hot-Jar Method

The hot-jar method may not be new, but it still continues as one of the most common practices. Stew, soup, or vegetables are sent to school in a jar, where at noontime the jars are heated in one container. This hot dish supplements the other food brought from home. In this case, dishes and silver for each child must be provided as well as a large kettle for the stove.

Lunch Bulletin

School Lunches for Kansas Children, published by Kansas State College, tells exactly how to manage a school lunch program in all size schools. It shows the manager how to plan the menus and prepare dishes. Amounts of ingredients are given for 12, 25 and 50 servings and all recipes have been tested by those in the home economics department of the college. A free copy can be obtained by writing to the Farm Service Editor, Kansas Farmer, Topeka.

NO NEED to **RATION LIGHT** and **POWER** with **DELCO LIGHT BATTERIES**

GUARANTEED
for not less than
700 USEFUL WORK CYCLES

The Delco Light Battery guarantee assures you of lowest cost day-in-and-day-out useful power and light—as compared with most battery guarantees based only on rationed use over a term of years.

Get the whole story of these famous batteries from your authorized Kansas dealers listed below.

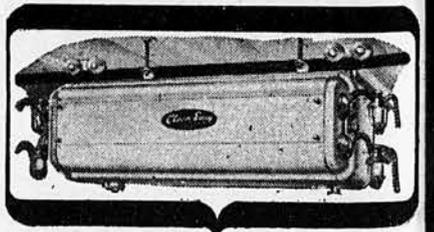
- CHENEY Everett White
- COLBY W. E. Buford
- COLDWATER Rural Gas & Electric
- DIGHTON Farmers Co-op Oil & Supply
- DODGE CITY Lippoldt Appliance Co.
- EUREKA Paul Jones Machine & Welding
- GREAT BEND Home Appliance Co.
- GREENSBURG H. J. Partridge Plumbing
- HARPER Jess Hamilton
- HERINGTON Zeckler Brothers
- HOWARD Ralph J. Perkins
- HUTCHINSON Rounkile Radio
- JOHNSON Ceell Cave
- LA CROSSE H. E. Glantz
- LEOTI Western Hardware & Supply
- LIBERAL Boles Supply Co.
- MANHATTAN C. A. Powell & Son
- MEADE Brown Furniture Co.
- MEDICINE LODGE Dickey Appliance Co.
- MILTONVALE C. L. Williams Sales
- OSAGE CITY J. C. Lundholm
- PRATT Link Electric
- QUINTER Schneider Electric
- RUSSELL Farm Electric & Supply Co.
- SALINA Ralph Ward Electric
- SMITH CITY Hoover Electric
- SCOTT CENTER Atwood Implement Co.
- STERLING Walton Electric Co.
- WINFIELD Guild Electric Co.

New Light Plants, Water Pumps and Wind Plants now available and in stock

Everything electrical for the farm,
110-A. C. and 32-Volt

Factory Distributors

General Products
122 S. St. Francis, Wichita 2, Kan.



Milks 1-2-3 or 4 Cows at a time

Buy a one or two unit Trackster now, later add additional units to the same machine! Designed to milk as many as four cows at a time. See your dealer for details, or write Ben H. Anderson Mfg. Co., Madison 3, Wis., Dept. 218

Write for booklet just off the press!

Clean Easy TRACKSTER

SALINA CONCRETE SILOS

IF IT'S CONCRETE WE MAKE IT

Let us tell you about the Silo that is built to last a lifetime. The very latest in design and construction. See the new large free-swinging doors and many other exclusive features. The Salina Silo has been giving farmers perfect service for 30 years. Get the Facts — Write TODAY. The Salina Concrete Products Co. Box K Salina, Kansas

Classified Advertising Department

KANSAS FARMER

WORD RATE

Words	One Issue	Four Issues	Words	One Issue	Four Issues
10	\$1.00	\$3.20	18	\$1.80	\$5.76
11	1.10	3.52	19	1.90	6.08
12	1.20	3.84	20	2.00	6.40
13	1.30	4.16	21	2.10	6.72
14	1.40	4.48	22	2.20	7.04
15	1.50	4.80	23	2.30	7.36
16	1.60	5.12	24	2.40	7.68
17	1.70	5.44	25	2.50	8.00

DISPLAY RATE

Column	One Issue	Four Issues	Column	One Issue	Four Issues
1/2	\$4.90	\$16.80	2	\$19.60	\$67.20
3/4	9.80	33.60	3	29.40	100.80

Livestock Ads Not Sold on Word Basis
Write for special requirements on Display Classified Ads.

BABY CHICKS

10 Day Fall Chick Sale

High Egg Strain White and Brown Leghorns, White Rocks, R. I. Whites, Austral Whites, Wyandottes and Reds. Write for our special fall prices.
SALMON'S CHICK HATCHERY
Box 32-K Paola, Kansas.

Griffith Chicks bred 25 years. Make extra profitable layers. Quick maturing broilers. Immediate delivery. Per 100 prepaid. Big-type White Leghorns \$8.95. Barred, White Rocks, Reds, Wyandottes, Orpingtons, Leg-Rox \$8.95. Free catalog. Griffith's Hatchery, Box 512-E, Fulton, Missouri.

S. S. Approved Pullorum Tested Big English Type White Leghorns \$7.75 per 100. Sexed pullets \$12.90—started Pullets \$19.50 up. Rocks, Wyandottes, Orpingtons, Reds \$9.00 Collect. Free catalog. White Chickery, Schell City, Missouri.

Parrot Trap that does the work. A customer writes, "A few weeks ago I sent for your parrot trap plans, made one and it works fine." They are easy to build. Send 10c for plans. Parrotman, 1715A Lane, Topeka, Kansas.

Booth's Chicks—Early, vigorous. Hatched to live. Excellent layers. Leading breeds. Sexed. Attractive prices. Free Catalog. Booth Farms, Box 708, Clinton, Mo.

90 Egg bloodlines are a real necessity for production of Champion "Long Distance" Egg Layers. Chicks hatching weekly. Free literature. Beckenstette's, Hiawatha, Kansas.

LEGOHENS

30-350 Pedigreed sired big type Egg-Bred AAA White Leghorn Pullets \$14.95. Unsexed \$8.25. Cockerels \$3.00. Four-week-old AAA Pullets \$24.50. 95% Sex Guaranteed. Catalog. Marti Leghorn Farm, Windsor, Missouri.

FARM EQUIPMENT

Two Cow Dairy Queen portable milker again available for shipment anywhere. Rubber lined squeeze action teat cups. Complete with electric motor \$179.00, with gas engine \$204.00. Free literature. Dairy Queen Machine Manufacturing Company, 1334 E. 53rd St., Minneapolis, Minn.

Halfway Cream Separators. Electric and hand-powered. In both floor and bench models. Electric in 32 volt and 110 volt. Factory distributors. Midwest Dairy Supply Co., 224 E. 4th St., Grand Island, Nebraska.

For Sale: New and used Ford milkers. Electric and gasoline models available. Simple, economical, easy to wash. Write to Feedola Sales Co., Box 442, McPherson, Kansas.

Make electric Welder—Information Free. "International," 6347 Parnell Z, Chicago, 21.

MACHINERY AND PARTS

OIL FILTERS Reclaim the Heated Oil Filter for cars, tractors. Is sold and recommended by leading implement dealers and garages; see dealer or write for filters, fittings, superior filtering material.
RECLAIM SALES, ELGIN, NEBRASKA

Write for big, free 1944 tractor parts catalog; tremendous savings. Satisfaction guaranteed. Central Tractor Wrecking Co., Dept. K-1041, Boone, Iowa.

One new Continental, 20-horse engine. Clutch, pulley and radiator with dust shield. Beverly Mustard, Manchester, Kansas.

Combine for Sale—Twelve-foot. International 31-T 6-cylinder motor, steel, shedded. H. Perth, Winfield, Kansas.

ELECTRICAL EQUIPMENT

DELCO LIGHT

Large Stock Genuine Parts for all models. Plans, Amps, Batteries—Wind Plants. Modern Shop. Repair any Delco Equipment. Factory Distributors.
General Products, Wichita, Kansas

For Sale—Delco Windcharger 32-volt, 1500-watt. Arnold Steinmeyer, Alma, Kansas.

PLANTS—NURSERY STOCK

200 Dunlap & 50 Gem Strawberries	\$3.00
50 Asparagus, 6 Rhubarb, 6 Horseradish	1.00
100 Spineberries, 2 yr. transplants	1.00
12 Amer. Blms or Lomb. Poplars, 4 ft.	1.00
4 Peonies—2 Red, 1 White, 1 Pink	1.00
50 Iris—Red Seminoles and Lucky Blue	2.00
6 Hardy Phlox—Red, White, Pink	1.00
6 Regal Lilies or 6 Day Lilies	1.00
12 Spirea VanHouttei, 2 ft.	1.00
6 Tartarian Honeysuckle, 2 ft.	1.00
2 Bittersweet and 2 Wintergreen	1.00
5 Bush Cherries or 5 Red Dwarf Spirea	1.00
4 Roses, 2 yr. field grown—Red & Pink	2.00
Radiance, Tallman, Sunburst	2.00
2 Oka Sweet Cher's & 2 Terry Plums, 4 ft.	2.00

All prepaid. Plant now. Colored catalog free. Order from Welch Nursery, Shenandoah, Iowa

LIVESTOCK ITEMS

Official as well as "on the farm" records under average farm conditions prove that Milking Shorthorns are best all-around breed! Produce milk and have greatest salvage value of all milk breeds! It's patriotic, and profitable, to raise Milking Shorthorns. Get the facts—Free! Or read Milking Shorthorn Journal. Trial subscription, six months 50c; one year \$1.00. Milking Shorthorn Society, 809 West Exchange Ave., U. S. Yards, Dept. KF-5, Chicago, Ill.

How to Break and Train Horses—A book every farmer and horseman should have. It is free on obligation. Simply address: School of Horsemanship, Dept. 4310, Pleasant Hill, Ohio.

19—saves calves, builds clean herds. Free literature. Kansas City Vaccine Co., Dept. F, Kansas City, 15, Mo.

RABBITS AND PIGEONS

Chin-Chin Giant Chinchillas. King of Rabbits. Most beautiful fur. Small investment. Large profits. Free illustrated booklet. Willow Brook Farm, 44, Sellersville, Pa.

SEED

Kansas Certified Seed

Field Inspected and Laboratory Tested
Be Safe—Plant Certified Seed

Wheat: Tenmarq, Comanche, Kawvale, Clarkan, Turkey, Blackhull, Kanred.

Winter Barley: Reno.

Sweet Clover: Madrid.

Brome Grass: Achenbach.

Rye: Balbo.

Alfalfa: Kansas Common and Ladak.

The Kansas Crop Improvement Assn.
Manhattan, Kansas.

For Better Hybrids order McCurdy's Hybrids. Highest yielding, high-quality hybrids adapted anywhere in the Cornbelt. Write for free folder and prices. Dealers wanted. McCurdy's Hybrids, Box KF, Fremont, Iowa.

Hybrid Seed Corn—Kansas 1583, a late maturing yellow Hybrid. Send for circular and prices. Also dealers wanted. J. A. Lehman, Horton, Kansas.

Kansas Certified Hybrids—US 13 and K. 1583. Order now. Harold Staadt Seed Farm, Ottawa, Kansas.

FILMS AND PRINTS

Beautiful Deckledge Reprints 2c. Rolls developed, two Velox Deckledge prints made of each negative 25c. Photo copied and 12 billfold size photos made only 50c. Your negatives enlarged to 8x10 on heavy paper 25c each or 5 for \$1.00. All work guaranteed. Summers Studio, Unionville, Mo.

Rolls Developed—Two beautiful Double Weight Professional Enlargements, 8 Never Fade Deckledge Prints, 25c. Century Photo Service, La Crosse, Wis.

BUSINESS OPPORTUNITIES

Fords portable hammermill "Barnyard" feed grinding service in big demand everywhere. Fords operators making steady, satisfactory year-round profits. Many valuable territories open. Nominal investment required; balance monthly. Start your own profitable business. Write today. Myers-Sherman Co., 1210 12th, Streator, Illinois.

Wanted: Men or women to operate cream and produce station in eastern Kansas or western Missouri. Equipment and check book for cream furnished. Also man to help you start a business for yourself. Write P. O. Box 4026, Kansas City, 7, Mo.

MISCELLANEOUS FOR SALE

M-Q Cartridges clean clogged sewers. No digging, no bother. Destroys roots and other organic matter. Box of six \$1.50 COD plus postage. Potter Nurseries, Huntington, 3, W. Va.

Kansas Honey in 60-lb. cans 18c lb. Excellent quality. Order from this ad. Send check or money order. Ray Gump Grocery Co., Hutchinson, Kansas.

Fish Bait—Over 20 recipes and suggestions only 10c. Many favorable reports received. Fisherman, 1715 Lane, Topeka, Kan.

For Sale—Marimba, 4 octave, Leedy, prewar model, good practice instrument. W. C. Allmand, Holdrege, Nebr.

20 Genuine Indian Arrowheads, \$1.00. Catalog. Geo. Holder, Glenwood, Ark.

PRODUCE WANTED

Ship your cream direct. Premium prices for premium grade. Satisfaction guaranteed on every shipment. Riverside Creamery, Kansas City, Mo.

We want broilers, springs. Coops loaned free. The Copes, Topeka.

DOGS—HUNTING—TRAPPING

English Shepherd: Puppies. Breeder for 22 years. Shipped on approval. 10c for pictures and description. H. W. Chestnut, Chanute, Kan.

Shepherds, Collies, Healers, Watch Dogs. E. N. Zimmerman, Flanagan, Illinois.

AUCTION SCHOOLS

Learn Auctioneering. Free catalog. Write, Reisch Auction School, Austin, Minn.

REMEDIES—TREATMENTS

Free Book—Piles, Fistula, Colon-Stomach, associated conditions. Latest Methods, Thornton & Minor Clinic, Suit C1006, Kansas City, Mo.

PERSONAL

Kansas Children's Home and Service League need adoption homes in Kansas only for ten-year-old boy. Write 815 Kansas, Topeka, or 1825 W. Maple, Wichita.

OF INTEREST TO WOMEN

Eastside Maternity—Seclusion Hospital for unmarried girls. State licensed. Working reduces expenses. 4911 E. 27th, Kansas City, Mo.

Bundle colorful Quilt Pieces, \$1.00 postpaid. Free surprise gift. Otto Swanson, 415-1 West Lead, Albuquerque, N. M.

Quilting? Silks, Cottons, Velvets, Woolens. Samples free! Rainbow, Decherd, Tenn.

FARMS—KANSAS

Grade A Dairy

Twenty minutes from downtown Topeka. One man can handle. Well established with fine herd heavy springers, Holsteins, Guernseys. 100 acres good land, stout buildings, dairy equipment, tractor, team, 100 tons feed, plenty water, good roads, milk truck stops twice daily. Sell all together or separately. Owner can not live here.
Owner: Hayde, 1025 Lincoln, Topeka, Kan.
Phone 2-4563

For Sale—Improved 160-acre farm in Atchison county; 60 acres fertile bottom, 80 acres pasture. Highline water system, bathroom, electricity. Mile from State Highway. \$43.50 an acre. Box 50, Care Kansas Farmer, Topeka.

Eighty Acres near Emporia, well improved, electricity, good land, \$5,000. T. B. Godsey, Emporia, Kansas.

Kansas Farms for sale at reasonable prices. Warren Mortgage Company, Emporia, Kan.

FARMS MISCELLANEOUS

Free 88-page Fall catalog farm bargains, 7 Midwest states. Many fully equipped. Many pictures. Special service to those who state requirements and payment plan. United Farm Agency, KF-428 BMA Bldg., Kansas City, 8, Mo.

Dairy CATTLE

HOLSTEIN BULL

Flora's Apex Abner
Calved December 14, 1942
Dam—St. Marys Plebe Flora, Kansas production champion as a senior 3-year-old milked twice daily in the yearly division of the AR test with a record of 599.2 lbs. of fat and 17,511 lbs. of milk.
Sire—St. Marys Apex sired by Carnation Apex out of Governor of Carnation. Dam's lifetime record over 100,000 lbs. of milk.
This bull is a growthy, rugged individual and is ready for service. See him and his high-producing mother at R. C. Johnstone's place at Wamego.
Lt. HOWARD JOHNSTONE, Wamego, Kan.

Beef CATTLE

Strahm's Coming Shorthorn Sale

On Farm, 1/4 Miles East of Town
Wednesday, Oct. 11

30 HEAD of well-bred, good-quality Shorthorn cattle, consisting of cows, heifers and calves. Good bloodlines and a good useful lot of cattle.

G. W. STRAHM, ELK CITY, KAN.
R. A. Vaughn, Auctioneer

Wible's Registered Shorthorn Auction

On farm, 7 miles north of Caldwell, 23 miles east of Anthony, gravel road.
Wednesday, October 18

30 HEAD—Choice young cows, heifers and nice young bulls. Best of pedigrees and bred for heavy beef quality with plenty of milk production. Selling in condition for best results in new hands.
For Catalog Write
H. M. WIBLE, CORBIN, KAN.
Auctioneer: C. W. Cole

To Close Partnership 28 SHORTHORN FEMALES

15 Cows, most of them with calves at foot. 5 two-year-old heifers, 3 of them with calves at side.
8 Heifer Calves and 15 Bull Calves. Also our good herd sire, Red Crown 1902253. Priced one or all to suit purchaser.
Johnson Bros., Delphos, Kan.

Lacy's Offer Shorthorn Bulls

12 Bulls—12 to 18 months old, nice colors, best of type and breeding. Also choice heifers by Glenburn Destiny. Some bred to Augusta Prince, son of Imp. Carlrossie Prince Peter. See our consignments to the Topeka and Beloit sales.
E. C. LACY & SON, MILTONVALE, 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 385 consecutive days. Young bulls with high-production dams or granddams.
H. A. DRESSLER, LEBO, KAN.

Atkinsons Offer Reg. Shorthorns

Thick, tpey bulls and heifers, 12 to 16 months old, sired by Commodore, by Proud Archer and Proud Premier, grandson of Proud Archer. Village Harvester now in service. 130 head in herd.
H. D. ATKINSON & SONS, ALMENA, KAN.

OFFERING REG. SHORTHORN HEIFER CALVES

15 nice ones, sired by either Silver Marksman by Proud Marksman, or Count Marks Swan by Village Count. Also cows of good ages.
V. B. DEGEER, LAKE CITY, KANSAS

Polled Shorthorn Bulls and Females

Choice young bulls, from calves to serviceable age. Also cows and heifers. Everything Bang's tested. HARRY BIRD, ALBERT, KAN.

Banburys' Hornless Shorthorns

We have 10 weaned bulls and up to 800 lbs. on our sale list. BANBURY & SONS, Plevna (Reno County), Kansas Telephone 2807

October 21 Will Be Our Next Issue

Ads for the Classified and Livestock Section must be in our hands by

Saturday, October 14

Buy War Bonds!

Beef CATTLE



Nebraska Angus Breeders' Sale

Columbus, Nebr.,
Thursday, November 9

100 HEAD—Selected from leading herds of the state.

40 TOP BULLS, many excellent herd bull prospects. Good ages.

60 FEMALES, many are cows with calves at foot, heifers bred or ready to breed.

A great offering of top quality females. Foundation material.

For catalog write
M. J. KROTZ, Sec. and Sale Mgr.
Odell, Nebraska

Aucts.: Roy Johnston, Jack Halsey

Registered Angus BULLS AND FEMALES FOR SALE

A choice lot of registered Angus bulls and females ranging from calves to mature animals. Bulls up to two years old. One or a car load. Chocely bred of Earl Marshall and Prizemere breeding.
L. E. LAFLIN, Crab Orchard, Nebr.

LATZKE ANGUS FARM

We offer a nice group of bull calves to serviceable ages, sons of the good bull Proud Cap K. 541403.
OSCAR C. LATZKE, JUNCTION CITY, KAN.

HARVEY COUNTY HEREFORD BREEDERS' ASSOCIATION SALE

Newton, Kansas,
Tuesday, October 31

50 HEAD—WHR, Hazlett, Prince Domino, Anxiety breeding. 18 Bulls, 31 Females. Write for catalog.

PHIL ADRIAN, Secretary
Moundridge - - - Kansas
Harold Tonn, Auctioneer

Registered Herefords

Some Polled—Some Horned
Six polled bulls, 1 and 2 years; eight polled heifers, 1 year; cows with calves at side—some very nice 6-month-old bull calves. Part of the cows are dehorned. Forty head in all. Domino and Harmon bloodlines. These good young cows should go into permanent herds.
J. M. Parks, 1305 Wayne St., Topeka, Kan.

Walnut Valley Hereford Ranch

Offers 20 bulls, 10 to 24 months old, many herd bull prospects. All are deep, thick, strong-boned—Hazlett, WHR and Foster breeding. Also 15 choice heifers, 10 to 14 months old, similar breeding. Leon A. Waite & Sons, Winfield, Kan.

OFFERING POLLED HEREFORD BULLS

One yearling ready for service, also a number choice nice bull calves. All good individuals and excellent breeding.
JOSEPH C. MAES, Bushton, Kan.

Entire Shorthorn Herd FOR SALE

After 47 years breeding registered Shorthorns we are leaving the farm and offer our entire herd of cattle, comprising some of the best breeding and quality. Cows with calves at side, bred and open heifers and bulls from calves to breeding age. Inspection invited.
J. E. BOWSE, ABILENE, KAN.

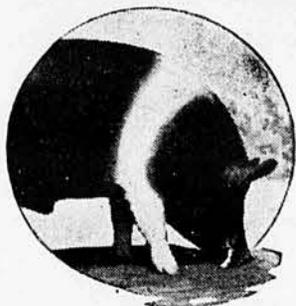
SHORTHORN'S THE PROFIT BREED



Remember—YOU SELL BEEF BY THE POUND

Do you want bigger packer checks? Raise Shorthorns—the breed that won International Live Stock Exposition Champion group awards 3 out of the last 5 times because of top quality, more weight. Shorthorns respond to greater wartime demands for more meat, more milk. Send for FREE Booklet "Farm Security with Shorthorns." Get list of thousands of breeders. Subscribe to the Shorthorn World—\$1 per year.

Write to American Shorthorn Breeders' Assn. Dept. M., 319-Union Stock Yards, Chicago 9, Illinois



O'Bryan Ranch Hampshire Sale Hiattville, Kansas Saturday, Oct. 21, 1 p.m.

(Hiattville is 30 miles Southeast of Iola, Kan., and 30 miles Southwest of Nevada, Mo.)

150 HEAD --- 50 Spring Boars, 100 Spring Gilts

The practical, prolific, profitable kind of pork producers from high-producing today's packer type.

Write for one of our sale catalogs.

O'Bryan Ranch, Hiattville, Kansas

Bert Powell, Auctioneer

Jesse R. Johnson with Kansas Farmer

Rowes' Annual Poland Sale

On farm, 21 miles south of Topeka on U. S. Highway 75, then half mile west

Saturday, Oct. 21

40 Head of Tops

Featuring the get of the great boar, ROWE'S CHALLENGER, and other boars of equal merit that have preceded him.

Among the attractions are 10 outstanding pigs by Rowe's Challenger and out of Miss Belgian 2nd (grand champion sow at Topeka). Another litter by Rowe's Challenger, out of Rowe's Beauty (daughter of the old champion, Rowe's Golden Rod).

This is our best offering and we invite everyone as buyers or visitors.

Write for Catalog

G. R. Rowe and Son, Scranton, Kan.

Auctioneer: H. S. Duncan

Jesse R. Johnson with Kansas Farmer

HOGS

Ploegers' Hampshire Hog Sale

In the 4-H Barn
Horton, Kansas,
the Night of
Friday, October 20

45 HEAD

20 Boars — 25 Gilts

Bang's tested and double immuned, uniform and representing the best bloodlines. A pedigree with every pig. Sale starts at 7:30 in the evening. For catalog write

Mr. and Mrs. Warren Ploeger
Morrill, Kansas

ETHYLEDAL FARM HAMPSHIRE HOG SALE

At old Emporia Airport, 1 mile west of farmstead or 9 miles due north of Emporia, on hard surfaced road.

Monday, October 23

45 HEAD—the best from our crop of 125 head.

22 Boars.

23 Gilts—about equally sired by our herd boars, B & B Special, that outstanding litter mate to Lowscore; Ethyledale Roller, outstanding son of Steam Roller and by Commander Roller Jr., herd sire.

An offering of unusually uniform type Hamp., of farmer and packer approval. You are invited as buyers or visitors. For catalog write

DALE SCHEEL, Emporia, Kan.
Bert Powell, Auctioneer
Jesse R. Johnson with Kansas Farmer

Registered Hereford Hogs

High-winning herd National Show. Home of Fashion Corrector. Boars. Pigs. Bred Gilts. Circular. YALEHURST FARM, PEORIA, ILL.



Pedigreed Hogs

Blocky, easy-feeding type. PETERSON AND SONS
Osage City, Kan.

Alkire Offers Poland Boars

The sound, mellow, easy-feeding kind, deep sides and bulging hams. The big-litter kind and the packers' choice. Immunized. See them.
HOMER ALKIRE, BELLEVILLE, KAN.

Poland China Fall Boar

Sired by Malone's Belgian and out of Golden Clara, both grand champions at 1943 Kansas State Fair. An outstanding pig with lots of depth and smoothness. Will suit anyone. Ready for service. MALONE BROS., Raymond, Kan.

OFFERING POLAND CHINA HOGS

Boars, gilts, weaning pigs, State Fair winners. We placed 17 times. Get your order in now.
DALE KONKEL, HAVILAND, KAN.



O'Bryan Ranch Hampshires

Hiattville, Kan. (Real Packer type.)

Pigs \$35.00 each. Two gilts and unrelated boar \$100. Registered. Cholera immune. Crated. Boar and gilt sale October 21.

Hold Everything for Our October 23 Hampshire Sale

See later issues for more data. Remember our type. DALE SCHEEL, EMPORIA, KAN.

20 Fancy Fall and Winter Boars

The thick, deep, low-built, cherry-red, quick-feeder, broad-backed, quality kind, and a great line of spring boars. Herd sires—Proud Cherry Orion, Ace's Parade and Builder's Victory. Ace are TOPS in breeding quality and the low-built, easy-feeder, quick-maturing type. We can furnish you real boars. See them or write.
G. M. SHEPHERD, LYONS, KAN.

Selected Duroc Spring Boars and Gilts

Sired by Golden Image 1st, a son of (Golden Fancy); Prince's Designer and Royal Fancy, Jr., also a litter by Masterpiece, the best we ever raised. Very thick, lots of quality and rich color.
ARTHUR E. ROEPKE, WATERVILLE, KAN.

HOGS

For Thick, Heavy-Boned DUROCS Attend Hadorn's 24th Auction

At Farm, 5 1/2 Miles Northeast of SAVANNAH, MO., OCTOBER 14

Farmers have bought 90% of our sale offering in our past sales. They liked our thicker, shorter-legged Durocs. We sell that kind again and have new blood for Kansas breeders and farmers.

25 BOARS and 25 GILTS SELL

Write immediately for a sale catalog to

Edward Hadorn, Savannah, Mo.

Auctioneer—Bert Powell

YOUNG SOWS AND FALL GILTS

Bred for September and October farrowing. Full-hammed, low-down type. Choice fall boars. Immunized. Registered, Guaranteed. We specialize in High Score, Roller and De Luxe Model breeding—there is no better. Quigley Hampshire Farm, St. Marys, Kan.

SPOTTED POLAND CHINA SALE

Fairbury, Nebr.,

Friday, October 27

40 REGISTERED SPOTS

20 BOARS . . . 20 GILTS

Sired by the boar that sired the junior grand champion at Nebraska State Fair this year. The short-legged, easy-feeding kind. Herd founded 20 years ago. For catalogue write

Wayne L. Davis, Mahaska, Kan.

Chas. Taylor, Auctioneer

Fiesers' Offer Spotted Polands

Selected spring boars and gilts ready to go, from high-placing sows or bred like our prize-winners at Kansas State Fair. Also taking orders for fall pigs from our champion bloodlines. Earl and Everett Fieser, Norwich, Kansas

Dairy CATTLE

Kansas Jersey Cattle Breeders' Assn. Sale

Hutchinson, Kan.,

Friday, October 20

45 TOPS picked from the best Kansas herds by local committees and Bill Keegan, fieldman for the American Jersey Cattle Club.

Fresh cows and cows near freshening. Also a fine selection of bred and open heifers.

Bred and developed by using the kind of animals that establish type and heavy production.

For Catalog Write

RAY SMITH, Secy., R. 2, Hutchinson, Kan.
Bert Powell, Auct.; Jesse R. Johnson, Fieldman

JERSEY CATTLE DISPERSAL SALE

On farm, 10 miles south of Lawrence, 3 miles east of 59 Highway, 12 north of Ottawa and 3 east of Highway 59.

Wednesday, October 11

49 COWS

(Purebred but not eligible to register.) Descendants from high-producing, registered cows. Herd established 30 years ago. The cows are from 2 to 9 years old. 25 of them have been fresh since August 13. Most of them are 2, 3, 4 and 5 years old. Milk from the herd has been going to a Grade A whole milk dairy in Kansas City. Tb. and Bang's tested.

PAUL F. HOPKINS

Route 3 Lawrence, Kan.

Reg. Jersey Dispersal Walnut Springs Jersey Farm Herd Lincoln, Nebr., Oct. 18

65 HEAD

Raleigh and Design Breeding

36 Cows—All have Production Records. Sired by outstanding sires of Raleigh bloodlines.

25 Heifers—15 bred; 10 from 2 to 10 months old.

5 Bulls—including a 4-year-old grandson of Royal Mary's Design—Superior Sire. Tb. and Bang's tested.

I. R. Hirshner and Coleman Grenier Owners

Catalog on Request

Ivan N. Gates, Sale Mgr., West Liberty, Iowa

Aucts.: Forke Bros., Lincoln, Nebr.

Riverside Jersey Farm

—offers a limited number of registered Jersey cows, fresh or to freshen soon. All bred by us and from Hood Farm foundation. Son of Royal of Oaklands now in service.

J. F. TODD, PRETTY PRAIRIE, KAN.

Offering HOLSTEIN BULL

Registered and a good individual. Dam and sire's dam produced 524 and 552 lbs. fat in 305 days. 2-times-a-day milking.

WALTER CLARK, GARFIELD, KAN.

Dairy CATTLE

BRUSH DAIRY CATTLE DISPERSAL

At farm, 3 miles north and 2 1/2 miles east of Stock Yards,

Wichita, Kansas,

Thursday, October 26

100 HEAD

55 Cows in milk or heavy springers. 35 Heifers (calfood vaccinated). 10 Heifer calves, all from cows giving 300 lbs. or more butterfat annually.

1 Guernsey Herd Bull (grandson of Bourne dale Rex).

2 Young Registered Holstein Bulls. Full line of dairy equipment.

Also some registered Hampshire gilts and shoats.

We have used registered, proven herd bulls for 25 years, saving only heifers from our best cows, and have kept milk records for the past 10 years.

Herd tested for Bang's regularly for the past 6 years.

Have sold farm, reason for dispersal.

Laurence Brush, Wichita, Kansas

Auct.—Boyd Newcom

GUERNSEY BREEDERS ANNUAL SALE

Fairgrounds

Topeka, Kansas,

Friday, October 13

55 HEAD—Selected from leading herds in Kansas, Missouri, Oklahoma and Nebraska with additions from Argilla, Flying Horse, Gaylord and Langmore. Cows, bred and open heifers and young bulls. A great array of bloodlines and correct Guernsey type.

For Catalog Write

MORT WOODS, ARDMORE, OKLA.

Kolterman's Dairy Cow Sale

On Farm, 12 1/2 Miles Northeast of Wamego, Kansas

Monday, October 9

60 HEAD

Jerseys

Guernseys

Ayrshires

Holsteins

Open heifers to mature cows. Mostly first-calf heifers. Many fresh, others heavy springers. Bang's and Tb. tested.

Ewalt Kolterman

Wamego, Kan.

Dairy and Farm Sale

Lawrence, Kansas

Tuesday, October 10

At 10 a. m.

At my farm, 5 miles east of North Lawrence, Kan., east on Highway 32 to Mackey School, first road south, 1 mile.

Farm equipment and 47 cows and heifers, including 29 registered Holsteins. All bred King Bessies and bred to son of famed King Bessie Senator. Bang's vaccinated and certified.

J. H. NELSON, Owner

Dispersal Sale Oct. 18 Clay Center, Kan.

49 Head High Grade Dairy Cows—Tb. and Bang's Free

IN PRODUCTION

4 Holsteins, 4-6 years old
6 Holsteins, 2 years old
1 Holstein, 3 years old
3 Jerseys, 4 years old
1 Red Cow, 5 years old

NON-PRODUCING, PASTURE BRED

18 Holstein Heifers, 2 years old

7 Yearling Heifers

2 Heifer Calves, 8 months old

1 Registered Holstein Bull, 4 years old

1 Holstein Bull, eligible for reg., 2 years old

5 Holsteins, 4 years old, to freshen in November and December

Benn Dairy, Clay Center, Kan.

Auctioneer—Jas. T. McCulloch

"OF OZ"

—the four little letters of the alphabet which mean so much to Jersey breeders the nation over. It means ROTHERWOOD the Kansas Farm which and from which flows the richest blood of the breed!

ROTHWOOD JERSEYS, Hutchinson, Kan.

A. Lewis Oswald — John Craig Oswald

AYRSHIRES MOST PROFITABLE COWS

Big Milkers - - Hardy Rustlers
Good Grazers - Perfect Udders

4% MILK

Write for Booklets
Ayrshire Breeders' Association
260 Center St., Brandon, Vt.

Northwest Kansas Hereford Sale

Atwood, Kansas, Tuesday, Oct. 17



36 Bulls --- 46 Females
82 HEAD picked from the following well-known herds:

R. L. Cathcart, Blakeman
Mike Cahoj & Son, Stratton
Foster Farms, Rexford
Thad Douthit, St. Francis
Jim Douthit, St. Francis
Howard Grover, Atwood
Ray M. Higley, Atwood
Jansonius Bros., Prairie View
Henry Miller, McDonald
H. A. Rogers, Atwood
Lull & Deihl, Smith Center

Sutor Hereford Farm, Zurich
Gerhart Spreen, Ellis
Calnon Bros., McDonald
Clarence Wicke, Blakeman
Geo. Hawkins & Son, McDonald
Henry J. Wicke, Ludell
R. E. Frisbie, Beardsley
H. G. Reuber, Atwood
Wilkinson Bros., Beardsley
Carl Semler, Haigler, Nebr.

For Catalog Write H. A. ROGERS, Sale Mgr., ATWOOD, KAN.

Aucts.: Fred Chandler, Art Leitner Jesse R. Johnson, Fieldman

Attend These Sales

Northeast Colorado Hereford Assn. Sale, Yuma, Colo. Oct. 16
Northwest Kansas Hereford Assn. Sale, Atwood, Kan. Oct. 17
Midwest Hereford Assn. Sale, Holyoke, Colo. Oct. 18

Our First Annual Hereford Hog Sale

Osborne, Kan., Monday, October 16

35 Top Boars—Good individuals, good bloodlines, best of condition.
15 Choice Open Gilts. They are top quality.

Plan to attend this sale or send mail bid if you cannot come. We will do our best to please you. Write for catalog now. Address

CHAS. BOOZ, PORTIS, KANSAS

OSBORNE CO. BREEDERS' ASSOCIATION

Auctioneers: Roy Schultis, Fairbury, Nebr.; R. W. Dudley, Osborne, Kan.
Fieldmen: B. W. Halford, Jesse E. Johnson

Heart of America Fall Show and Sale

Kansas City, Mo., Thursday, October 19



Show at 10 a. m. — Sale 1 p. m.

Prof. E. A. Trowbridge, Judge

(To Be Held in Barn 3, Kansas City Stock Yards)

76 Outstanding Attractions—11 Bulls, 65 Females

The entire offering is full of some of the most popular championship breeding from the strongest herds of the Corn Belt. The young bulls offer an exceptional opportunity for real herd bulls. The females are all young, their lives of usefulness ahead of them; they afford the discriminating buyers a chance to select ideal foundation material and add quality females to their herds.

THE CONSIGNORS—

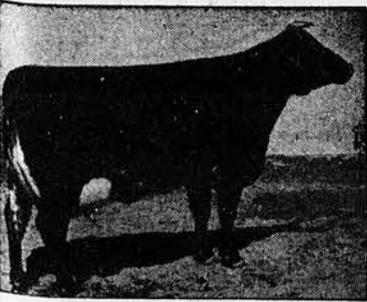
Lewis Anderson, Chillicothe, Mo.
Leo L. Archer, Conception, Mo.
H. Ward Benson, Des Moines, Iowa
Glen Bowditch, Burlington, Kan.
Edna May Brown, Miami, Okla.
Emie Brown, Miami, Okla.
H. E. Curry, Columbia, Mo.
Fred Ekstrom, N. Kansas City, Mo.
John Epple, Columbia, Mo.
R. M. Evans Est., Maryville, Mo.
S. C. Fullerton Est., Miami, Okla.
J. B. Hollinger, Chapman, Kan.
Hal T. Hooker, Maryville, Mo.
Wayland Hopley, Atlantic, Iowa

L. R. Kershaw, Muskogee, Okla.
Geo. M. Laughlin, Kirksville, Mo.
James E. Nugent, Kansas City, Mo.
Leo B. Parker, Kansas City, Mo.
Harry E. Peirce, Hutchinson, Kan.
W. H. Pipkin & Son, Springfield, Mo.
F. D. Shultz, Rosendale, Mo.
Simon's Angus Farm, Matze, Kan.
Ralph L. Smith, Chillicothe, Mo.
Geo. A. Spencer, Columbia, Mo.
L. M. Thornton, Garden City, Mo.
E. M. Tipton, Jefferson City, Mo.
J. Garrett Tolan, Pleasant Plains, Ill.
Marvin E. Turner, Pleasant Hill, Mo.
Frank W. Whitehead, Kahoka, Mo.

Write for a Copy of the Catalog—Address
L. M. THORNTON, SECRETARY, 2825 EAST 18th, KANSAS CITY, MISSOURI
Heart of America Aberdeen Angus Breeders' Association
Roy Johnston, Auctioneer James E. Nugent, President

Milking Shorthorn Reduction Sale

Atwood, Kansas, Monday, Nov. 6



Conditions make it necessary to reduce the PORTMOR HERD, a great mixture of the best BATES, CLAY and GLENSIDE families.

47 HEAD, featuring the breeding of the great sires Thornfield X 1882041 and Portmor Delight's Duke X 2062955

21 BRED COWS 4 BRED HEIFERS 2 HEIFER CALVES

20 BULLS, calves to serviceable age, including the herd bull, Thornfield, mentioned above.

Mostly nice reds. Our location has made official records impossible, but our cows give from three to four gallons of 4% milk at a milking.

Federal accredited and Bang's immunized by calfhood vaccination.

Catalogs ready soon—write for yours to

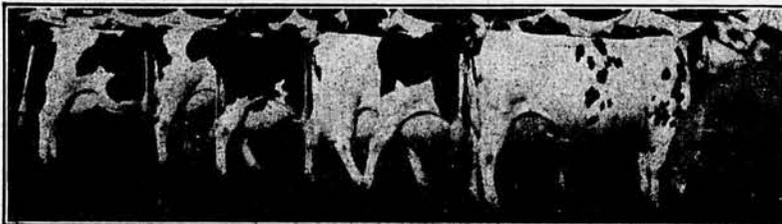
Harold E. and Bernice Morgan Portenier, Owners
Colby or Gem, Kansas

Auctioneers: Bert Powell, Lightner and Bearly Jesse R. Johnson with Kansas Farmer

Second Annual Kansas State Holstein Sale

At the Fairgrounds, at 12:30

Abilene, Kan., Tuesday, Oct. 17



60 . . . Registered Holsteins . . . 60

"Tops from the Leading Herds"

The Kansas Holstein-Friesian Association again is making available a high-class draft of registered Holsteins. The committee feels that the offering as a whole is better than last year. From the 200 registered Holstein herds that are active in the State Association, the committee has accepted consignments from 35 breeders. All of these herds have production records. Twenty-two herds have been classified.

Watch for Leo Hostetler's Dunloggin breeding program. He consigns a three-generation group of females representing Dunloggin Design, Fond Memory and Golden Cross.

Health—Each animal sells with a negative Bang's and Tb. test within 30 days of sale.

Catalogues will be available on October 7. Address correspondence and requests to E. A. Dawdy, R. 2, Salina, Kan.

Sale Hdqrs.—Lamer Hotel, Abilene, Holstein Meeting—Lamer Hotel, 7 p. m. Monday evening, October 16, 1944. Everyone invited.

Auctioneers—Bert Powell, James McCulloch, and Chas. Cole

30 Cows

The grand champion cow at the Kansas State Fair sells—a 4-year-old consigned by Heersche Bros.—H. A. Meler put in his "Excellent" Bluebird cow—5 cows selling have been classified "Very Good" and 8 cows have been classified "Good Plus"—3 cows have records over 600 pounds of fat—8 cows with 2X records between 450 and 650 pounds fat.

12 Bred 2-Year-Old Heifers

A grand lot. Watch for the Winfield Training School's Carnation heifer—St. Josephs Home's daughter of Sir Bess Tidy. Young Bros. are coming out with a better produce than those two heifers last year.

8 Open Heifers

Here is the place to buy 4-H calves—the kind you can win with next year at the STATE FAIR.

10 Bulls

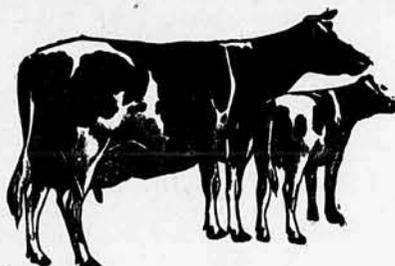
All serviceable age. Dams all made over 400 pounds fat on 2X milking. Dams with records up to 657 pounds fat on 2X.

CONSIGNORS

Harvey Bechtelheimer
R. C. Beezley
Raymond Bollman
Harry Burger
Theo. Buhler
Martin Blanke
Clifford Beckwith
W. G. Bircher
Kenneth Bircher
R. L. Evans
W. F. Frerking
Heersche Bros.

Leo Hostetler
David Hammeche
Quentin & Dale Kubin
H. A. Meler
Grover Meyer
Rudolph Mueller
V. F. Rosenkranz
C. P. Regier
Rottinghaus & Draney
L. B. Strahm
St. Joseph Home Dairy
Schneider Bros.

M. A. Schultz & Son
Abe Thut
White & Chamberlain
Walter Clark
E. A. Dawdy
George Mueller
K. W. Phillips
White & Smith
Winfield St. Training School
Young Bros.
Jake Zarnowski & Son



Central Kansas Annual Holstein-Friesian Breeders' Sale

Hillsboro, Kansas, Tuesday, October 24

120 HEAD—Featuring the Complete Dispersal of the Well-Known Lang Holstein Herd of Sylvia, Kansas

50 HEAD of Registered Cattle of which there are 10 head of bulls from record sires and dams ready for service.

Many of the registered cows have C.T.A. and D. H. I. A. records.

Purebred heifer calves for 4-H boys and girls.

Many of the purebred cattle were calfhood vaccinated.

70 HEAD of high grade cows, nearly all fresh or heavy springers. Many of them to freshen in November.

Good useful dairy cows that will sell at prices that the purchaser can afford to buy.

All tested for Tb. and Bang's within 30 days of date of sale.

Note—Taking into account the abundant feed crop in Kansas and the price of milk or its products plus the liberal subsidy, there has never been a time when the investor in good dairy cattle had such definite assurance of a substantial profit from his dairy operations.

Come to the sale and bring a carload of neighbors with you. Sale will start promptly at 11 o'clock. Under cover regardless of weather. Hillsboro is located on National Highway No. 50 North. Write today for catalog to

W. H. MOTT, Sale Manager, HERINGTON, KAN.

Aucts.: Newcom and Cole Jesse R. Johnson with Kansas Farmer

Livestock Advertising Rates

1/4 Column Inch \$2.50 per issue
1/2 Column Inch 3.50 per issue
Per Column Inch 7.00 per issue

One-third Column Inch is the smallest ad accepted.

Kansas Farmer is now published on the first and third Saturdays of each month, and we must have copy by Friday of the previous week.

JESSE R. JOHNSON, Fieldman
Kansas Farmer - - - Topeka, Kansas

**Hitler and Tojo
Are Still at Large!
Buy More Bonds!**

Reno County Shorthorn Breeders' Second Annual Sale

Fairgrounds

**Hutchinson, Kan.
Thursday, Nov. 9**

Show 9:30 — Sale 1 p. m.

20 Bulls

31 Heifers and Cows

Horned and Polled Shorthorns

Some of the best herds of Central Kansas have entries. Cattle will be presented in good thrifty condition, not overly fitted.



A. L. Rambler

Consignors

Love and Loye, Partridge
Tonn Bros., Haven
Frank Mills, Alden
John Dunn, Abbyville
J. C. Banbury, Plevna
Chas. L. White, Arlington
T. R. Cantwell & Son, Sterling
O. D. Hill, Nickerson

Frank E. Leslie, Sterling
McIlrath Bros., Kingman
Earl J. Fieser, Norwich
Roy L. Bach, Larned
L. C. Waits & Son, Cassoday
Lawrence Tonn, Haven
Erwin Cooper, Haven

Luncheon will be served November 8, 7 p. m., at Stamey Hotel for all interested in Shorthorns. Good program provided. Reserve your plate with Sale Manager, care of "Stamey Hotel," sale headquarters.

Get catalog and study the pedigrees. Come to sale and study cattle.

LESTER LOVE, President, Partridge, Kansas

FRANK E. LESLIE, Secretary and Sale Manager, Sterling, Kansas
Auctioneer: Chas. Cole; Frank Mills and T. R. Cantwell, Assistants
Jesse R. Johnson with Kansas Farmer



North-Central Kansas Shorthorn Breeders' Sale

Beloit, Kansas, Tuesday, October 31

63 HEAD Selected from the Following Herds of the Territory:

Dale Olson, Manhattan
Julius Olson, Manhattan
Johnson Bros., Delphos
R. R. Walker & Son, Osborne
John L. Lilak, Wilson
A. W. Homburg & Son, Ellis
F. A. Dietz, Ogallah
John H. Ross, Clay Center

Glenn E. Lacy & Son, Miltonvale
E. C. Lacy, Miltonvale
Meall Bros., Cawker City
Joe Baxter & Son, Clay Center
E. E. Booker & A. Peterson, Beloit
J. M. Nielson & Son, Marysville
Ed Visser, Riley
Hedstrom Bros., Wallace
Emerson Good, Barnard

26 BULLS, 37 FEMALES (Some Polls Included)

Judging at 10 a. m., Hans Regier, judge. Sale under cover in pavilion at 1 p. m. An excellent offering of good, useful cattle, bred and fed for future usefulness. For catalog write

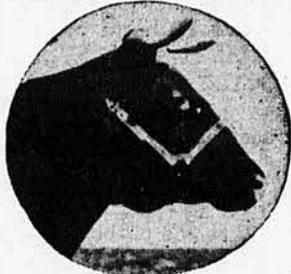
EDWIN HEDSTROM, Secy., RILEY, KANSAS

Aucts.: Jas. T. McCulloch, H. H. Shearer Jesse R. Johnson with Kansas Farmer

KANSAS MILKING SHORTHORN SALE

Hutchinson Fairgrounds

Tuesday, October 24



42 REGISTERED TOPS

Picked from 25 leading Kansas herds, representing the best breeding and type of the breed. Many are from classified herds, backed by the highest milk and fat productions.

Dwight Alexander consigns two choice Polled Heifers.

12 Outstanding Cows of the best dual-purpose conformation.
6 two-year-old Cows of equal quality.
21 Heifers, suited for herd establishment.
3 Bulls out of R.M. cows. These cattle were selected as true type representatives of the breed and good enough for foundation stock under average farm conditions.
Banquet and annual meeting at 7:30 night before sale. All breeders urged to attend. Article 4 of by-laws to be considered for change.

For Catalog Write

H. D. SHARP, President and Sale Mgr., GREAT BEND, KAN.

Aucts.: Keenan, Heidebrecht, McAnarney Jesse R. Johnson with Kansas Farmer

Milking Shorthorn Cattle Dispersal

(Two Complete Herds)

At Pratt Livestock Markets, Rock Island Stockyards
Pratt, Kansas, Friday, October 20



47 HEAD 21 Milk Cows; 11 Heifers, 12 to 22 months old; 6 Quality Yearling Bulls; 7 Bull Calves; 2 Outstanding Herd Bulls, 3 years old, sired by Wasuetts Master, whose 3 nearest dams average 870 pounds fat. Many sons and daughters of the above bulls sell in this sale. For Catalog Write

W. A. Lewis, Cullison, Kan., or G. E. Roberts, Pratt, Kan., owners
Auctioneers: Boyd Newcom, P. L. Keenan, Art McAnarney



Kansas Shorthorn Breeders' Association Show and Sale

Topeka, October 23 and 24

60 HEAD picked from the following good herds of the state

Walter Hunt, Arkansas City
Tomson Bros., Wakarusa
Arthur Bloomer, Lancaster
Randolph Louthian, Huron
Wm. Thorne, Lancaster
Kansas State College, Manhattan
Julius Olson, Manhattan
E. C. Lacy, Miltonvale
Glenn E. Lacy & Son, Miltonvale
Willard Inskip, Wamego
McIlrath Bros., Kingman
Arthur Waits, Cassoday
John Regier & Sons, Whitewater
Dillard Clark, Douglass
R. L. Bach, Larned
Frank K. Harshman, Clements

Mr. & Mrs. Webster G. Olson,
Clements
W. V. Harshman, Clements

20 TOP BULLS

40 Foundation Females

The show starts at 1 p. m. on Monday, W. L. Blizzard, judge and speaker at the banquet starting at 6:30 night following show.

Sale at 1 o'clock TUESDAY, OCTOBER 24

For Catalog Write

A. D. WEBER

Care College at Manhattan, Kan.
Auctioneer: Jack Halsey

DIVER'S REGISTERED SHORTHORN ANNUAL FALL SALE

On farm 1 mile south and 3/4 mile east of

HUMBOLDT, KANSAS

MONDAY, OCT. 16, at 1 p. m.

44 HEAD—Comprising 21 Bulls, 12 Heifers, 11 Young Cows (with calves at side)

Several herd bull prospects and some selected heifers were sired by a grandson of Proud Archer. For catalog write

DWIGHT C. DIVER, CHANUTE, KAN.

Lunch will be served by the School District Ladies

Stunkel-Young Annual Shorthorn Sale

At the C. B. Team Mule Barn

Wichita, Kan., Wednesday, October 25

35 HEAD, the best lot we have ever offered, selected from our herds. Featuring the blood of our great bulls, Rothes Prince and Proud Marksman.

20 BULLS, among them some real herd bull prospects.
15 FEMALES, bred and open heifers and cows. 15 heifers bred to Rothes Prince, the \$1,475 son of Calrossie Prince Peter, a Perth Supreme champion.

Write for Catalog

W. A. YOUNG & SON, CLEARWATER, KANSAS

E. L. STUNKEL & SON, PECK, KANSAS

Auctioneers: Boyd Newcom, C. W. Cole, Frank C. Mills



Sale of Registered Shorthorns

Saturday, October 21

50 HEAD of Excellent Individuals with Bloodlines to Match

Featuring the blood of Divide Gold Porter by Divide Gold Piece and other great bulls that have preceded him.

30 bred females—10 open heifers—10 young bulls.

For Catalog Write

CLARENCE H. RALSTIN, Owner, Mullinville, Kan.

Auctioneer—Boyd Newcom, assisted by Art McAnarney and Frank Mills

Sasnak-Almede Guernsey Dispersal Sale

At Sasnak Farm, 1 mile east, 1 1/4 north

Salina, Kan., Thursday, October 19



48 Head Registered Guerneys 48

Featuring the blood of Cosquay's Foremost 128098, Valours Crusader 179868, Bourendale Rex 159247.

24 Cows in milk or fall freshening. Includes several grand old brood cows with their entire family. Watch for the 1941 Kansas Free Fair champion female and her two daughters—full sisters. See Fashion Maker of Sasnak with her family of 3 daughters.

11 Bred Heifers—nearly all sired by a son of Cosquay's Foremost. A sensational group of heifers—the right lot and kind with which to start a new herd. All freshening this fall.

10 Heifer Calves—county agents—here are your 4-H heifers.
3 Bulls—one is a grandson of Bourendale Rex.
New 2-unit DeLaval milking machine and equipment to be sold.

Many of the offering have been caifhood vaccinated and certificates will be furnished. Everything T.b. and Bang's tested 30 days before sale.

LABOR difficulties make the dispersal of these 2 herds necessary. Neither money nor effort was spared in laying the foundation over 10 years ago of these 2 Salina county Guernsey herds. The public will benefit from them in the constructive breeding program that has been carried on.

A select consignment of 12 grade Guerneys will be offered by Wm. Odgers, Salina, representing the same herd sires used by Sasnak and Almede Farms.

For Information and Catalog, Write M. A. HENSLEY, Manager, Salina, Kan.
SASNAK FARM—M. A. Hensley, Owner
ALMEDE FARM—Alvin Young, Owner
Auctioneers: Jas. McCulloch, Chas. Cole Jesse Johnson with Kansas Farmer

Dual-Purpose CATTLE

Milking Shorthorn Sale

San-Ore Building
McPherson, Kansas
Saturday, October 28
30 HEAD

Choice selection of registered Bulls, Bred and Open Heifers. All animals from herds that follow a good breeding plan. Health certificate furnished with animal. Write for catalog.

McPherson County
Milking Shorthorn Association
Inman, Kan.
Gus D. Heidebrecht, Auctioneer
Jesse R. Johnson, Fieldman

Johnsons' Milking Shorthorn Dispersal

At Farm Near
Gardner, Kan., Saturday, Nov. 4
65 HEAD—High quality, high-producing, richly bred Milking Shorthorns.
2 Milk Cows
2 Herd Stires—Quality with breeding
2 Open Heifers
5 Yearling Bulls
5 Heifer Calves
5 Bull Calves
Settlement of estate makes this sale necessary. For catalog write
A. N. JOHNSON & SON
Gardner (Saline County), Kansas
Auctioneer: Boyd Newcom
Jesse R. Johnson with Kansas Farmer

Dispersal Sale MILKING SHORTHORNS

(TWO GOOD HERDS)
At the Lloyd Dickinson farm, 1 mile east and 3/4 miles north of Moran, Kansas.
Monday, October 23
Gage bred herd sires.
6 cows of breeding age.
young bulls.
heifer calves.
Sale will be held rain or shine under cover.
For Catalog Write
Robert Morarity, R. 3, Pittsburg, Kansas
Lloyd Dickinson, R. 1, Moran, Kan.

MILKING SHORTHORN BULLS

and 15 months old. Top quality individuals good producing dams. Their sire weighed 4 ton. Registered. For more information write
BERRY & SONS, SILVER LAKE, KAN.
MILKING-BRED SHORTHORN BULL
Registered and a fine individual, nicely bred in nice condition. Reasonable price.
EVERETT PRICE, OAKLEY, KAN.
MILKING-BRED BULLS
From calves to yearlings. R. M. breeding. From show cows. Visit our farm.
LARENCE B. COOK, LYONS, KAN.

OCUST DELL FARM MILKING SHORTHORNS

offering bulls from calves to 20 months with R. M. breeding. W. S. Mischler & Bloomington (Osborne County) Kansas.

Registered Shorthorn Bulls

Excellent quality and good milking strains. Selection invited. Priced right.
G. SHERPICK, OGALLAH, KAN.

MILKING-BRED SHORTHORN BULL

years old, nice roan and well bred. Priced reasonable.
P. SHINEMAN, FRANKFORT, KAN.

RED POLLED CATTLE for Sale

Bulls from calves to 18 months old. Heifers from calves to coming 2 years old.
W. E. ROSS & SON
Smith Center - Kansas

Wheeler's Reg. Red Polls

and established 30 years. 100 head herd. Franklin and Red Boy in line. Bulls and bred and open heifers. Visit our herd.
E. LOCKE, EL DORADO, KAN.

SHEEP

OXFORD RAMS—BERKSHIRE BOARS
Large registered Oxford Rams, championship blood. Serviceable age registered Berkshire boars. At low prices due to feed shortage.
Fred M. Luttrell, Route 2, Paris, Mo.

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.
BERT POWELL
AUCTIONEER
LIVESTOCK AND REAL ESTATE
Flass Avenue - Topeka, Kan.

IN THE FIELD



Jesse R. Johnson
Livestock Editor
Topeka, Kansas

I am in receipt of a very interesting letter from H. D. ATKINSON AND SONS, old-time Shorthorn breeders of Almena. They report about 130 head of cattle on hand, and wonderful crops of corn and other feed crops.

Shorthorn cattle selling in the JOHN THORNE ESTATE sale held at Kinsley, August 22, were well appreciated, the top bull selling for \$387.50, with a bull average of \$165. The females averaged \$162.50 on 36 head with a top of \$335. Buyers were present from many localities in Central Kansas. Art McAnarney was the auctioneer.

Forty-one of the 42 head of registered Spotted Polands selling in the CARL BILLMAN sale at Holton, August 24, stayed in Kansas. Farmers were the best buyers, indicating the high favor with which Billman's Spots are held near home. The 42 head sold for an average price of \$69, with boars averaging \$57.30 and females \$75. The top was \$102.50, the buyer being R. E. Melton, of Burlingame. The grade Jersey cows were in demand at more than \$100 on those in milk. Heifers sold lower. A top of \$137 was made on cows. This was Mr. Billman's first sale and about 500 were in attendance. Colonels Taylor and Ireland were the auctioneers.

Fifty-five females and 2 bulls sold in the MILLER AND MANNING reduction Hereford sale held on September 5, for a total of \$9,217. A bull top of \$425 was paid by Miles True, of Dwight, for the excellent young herd sire, Blanchard Domino 279th. The top female went to Franklin Clark, of Onaga, at \$375. Almost every sale was made to a Kansas buyer. Gene Ruby, of Girard, was the heaviest buyer. A. J. Minish and Son, of Dysart, Iowa, bought a fine open heifer at \$250. The sale was held at the ranch near Council Grove. The day was fine, but cattle sold below their value as compared with other sales of the season. A. W. Thorpson was the auctioneer, assisted by Less Lowe.

The JOE ROSENFELD ESTATE livestock sale held on the farm near Junction City, September 5, was well attended. The offering of 40 high-grade Holsteins and 45 Aberdeen Angus stock cattle sold for a total of almost \$7,500. Animals of all ages were sold, including cows with considerable age and calves of various ages. Holstein cows sold up to \$220 for registered animals, of which there were 5 head. The mature cows, which included those registered, averaged about \$200 a head. Bred heifers in calf to an Angus bull sold for \$75 to \$90. Twelve grade Angus cows sold in a bunch with calves at foot for \$90 a head. Four cows with calves averaged \$102. The Shuler-bred bull selling without fitting brought \$140. The Holstein bull was not sold. Angus heifers, part of them in calf, sold around \$76 a head. Auctioneers were Bert Powell and Lefty Lawson.

Public Sales of Livestock

Aberdeen Angus Cattle
October 19—Heart of America Angus Sale, Kansas City, Mo. Secy., L. M. Thornton, 2825 E. 18th Street, Kansas City, Mo.
November 9—Nebraska Angus Breeders, Columbus, Nebr., M. J. Krotz, Sale Mgr., Odell, Nebr.

Ayrshire Cattle
October 17—Central Kansas Ayrshire Breeders, Hutchinson, Sale Manager, Floyd Jackson, 226 West First St., Hutchinson, Kan.

Dairy Cattle
October 18—Benn Dairy, Clay Center, Kan.
October 26—The Brush Grade A Dairy Farm, Wichita, Kan.

Guernsey Cattle
October 13—Kansas Guernsey Breeders Sale, Topeka, Kan. Sales Manager—Mort Woods, Ardmore, Okla.
October 19—Sasak-Almede Guerneys, Salina, Kan. M. A. Hensley, Sale Manager.

Hereford Cattle
October 17—Northwest Kansas Hereford Breeders' Association, Atwood, Kan. H. A. Rogers, Sale Manager.
October 30—Vernie Gimble, Burr Oak, sale at Mankato, Kan.
October 31—Harvey County Breeders' Newton, Kan. Phil Adrian, Sale Mgr., Moundridge, Kan.

November 8—Morris County Hereford Breeders Association, Council Grove, Kan.
November 11—Haven Hereford Breeders' Ass'n., Harold Tonn, Haven, Kan. Sale Mgr.
November 16—Kansas Hereford Futurity, Hutchinson, Kan. J. J. Moxley, Secretary, Manhattan, Kan.

November 17—Premier Hereford Farms, Wolcott, Kan.
November 20—Elmer L. Johnson, Smolan, Kan.
December 1—Brethour Bros., Green, Kan. Sale at Washington, Kan.
December 16—CK Ranch, Brookville, Kan.

Holstein Cattle
October 17—Holstein-Friesian Association of Kansas, Abilene, Kan. Secretary—Grover Meyer, Basehor, Kan.
October 24—Central Kansas Holstein Breeders, Hillsboro, Kan. W. H. Mott, Mgr., Herington, Kan.
November 13—Chas. Summers and Son, Langdon, Kan. Sale at Hutchinson, Kan.
November 14—T. Hobart McVay, Nickerson, Sale at Fair Grounds, Hutchinson, Kan.

Jersey Cattle
October 20—Jersey Breeders' State Sale, Hutchinson, Kan.
November 17—Beal Bros., Iola, Kan. Ivan Gates, Sale Manager.

Shorthorn Cattle
October 11—G. W. Strahm, Elk City, Kan.
October 16—Dwight C. Diver, Chanute, Kan. Sale at Humboldt Farm.
October 21—Clarence H. Ralstin, Mullinville, Kan.
October 23-24—Kansas Shorthorn Breeders' Show and Sale, Topeka, Kan. Show the first day, banquet night following show.
October 25—W. A. Young and Son, Clearwater, Kan. Ed. Stunkel and Son, Peck, Kan. Sale at Wichita, Kan.
October 31—North Central Kansas Shorthorn Breeders, Beloit, Kan. Edwin Hedstrom, Secretary, Riley, Kan.
November 9—Reno County Shorthorn Breeders' Sale at Hutchinson, Kan. Frank E. Leslie, Sterling, Kan. Secretary.
December 1—Dillard Clark and Tomson Bros., Topeka, Kan.
December 2—L. Russell Kelce, Grandview, Mo.

- Polled Hereford Cattle**
November 10—Isaac Riffel, Woodbine, Kan.
- Milking Shorthorn Cattle**
October 20—W. A. Lewis and Sons, and G. E. Roberts Dispersal, Pratt, Kan.
October 24—Kansas Milking Shorthorn Society, Hutchinson, Kan. H. D. Sharp, Sale Manager, Great Bend, Kan.
October 28—McPherson County Milking Shorthorn Ass'n., Inman, Kan. Sale at McPherson, Kan.
November 4—A. N. Johnson and Sons, Assaria, Kan.
November 6—Mr. and Mrs. Harold Portenier, Colby, Kan. Sale at Atwood, Kan.
November 8—Henry J. Haag, Holton, Kan.
- Berkshire Hogs**
October 31—Bellows Bros., Maryville, Mo.
- Duroc Hogs**
October 7—Clarence Miller, Aima, Kan.
October 14—Edward Hadorn, Savannah, Mo.
- Hampshire Hogs**
October 20—Mr. and Mrs. Warren Ploeger, Morrill, Kan. Sale at Horton, Kan. (night sale)
October 21—O'Bryan Ranch, Hattville, Kan.
October 23—Ethyledale Farm, Emporia, Kan.
- Hereford Hogs**
October 16—Osborne County Hereford Hog Breeders' Ass'n., Chas. Booz, Sec., Portis, Kan.
- Poland China Hogs**
October 13—Bauer Bros., Gladstone, Nebr.
October 21—C. R. Rowe, Scranton, Kan.
- Spotted Polands**
October 27—Wayne L. Davis, Mahaska, Kan. Sale at Fairbury, Nebr.

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	\$17.25	\$17.50	\$15.65
Hogs	14.50	14.50	14.50
Lams	14.00	14.50	14.65
Hens, 4 to 5 lbs.	.21	.21	.23
Eggs, Standards	.37	.36	.42
Butterfat, No. 1	.46	.46	.48
Wheat, No. 2, Hard	1.62	1.63	1.53
Corn, No. 2, Yellow	. . .	1.15	1.03 1/2
Oats, No. 2, White	.69	.75	.80 1/2
Barley, No. 2	1.08	1.10	1.15 1/2
Alfalfa, No. 1	20.00	24.00	18.00
Prairie, No. 1	14.25	14.00	10.50

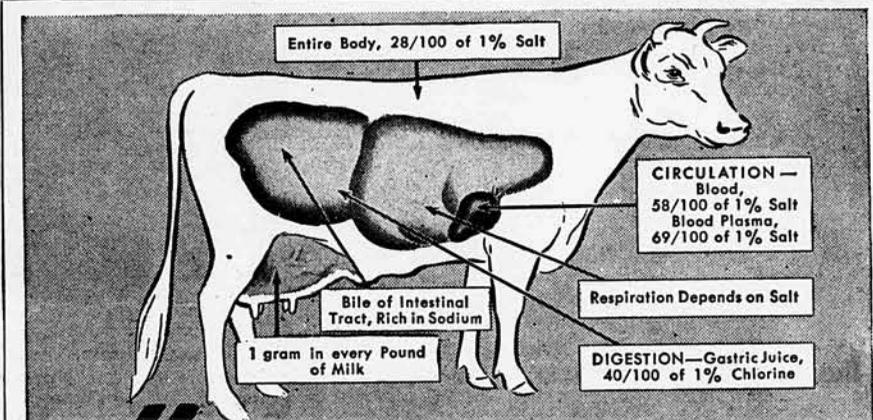


For Removing Large Roundworms
Large roundworms are found in many hog lots. Pigs heavily infested cannot get the most out of feed. For removing these worms, mix genuine Dr. Salsbury's Hog-Oil For Large Roundworms in slop or dry feed. Labor-saver. Inexpensive. Also may be given individually. Buy at feed, drug, other stores, hatcheries. Dr. Salsbury's Laboratories, Charles City, Iowa.

GET THE Genuine
Dr. SALSBUARY'S HOG-OIL
FOR LARGE ROUND WORMS

DR. SALSBUARY BACTERINS FOR VACCINATING HOGS
Dr. Salsbury's MIXED BACTERIN (PORCINE) Formula 1; Dr. Salsbury's MIXED BACTERIN (PORCINE) Formula 2. Complete instructions with every package help you do the vaccinating yourself. Ask your Dr. Salsbury dealer about these bacterins.

BUY UNITED STATES WAR SAVINGS BONDS



Here's why Your Livestock Needs Salt **FREE CHOICE***

The right amount of salt is essential to animal thriftiness. It is needed for blood . . . digestion . . . proper assimilation of feed. It is essential to the production of meat . . . milk . . . eggs . . . wool . . . and work.
Lacking the proper amount of salt, animals are unthrifty. Supplied with it, they use less feed for given gains. They gain weight faster . . . are ready for market sooner. Dairy cattle increase milk production . . . sheep yield more wool . . . horses work better.

salt available at all times, establish a number of salt stations around the farm . . . in every field where you put livestock . . . the barnyard . . . the feeding lot . . . the pasture . . . in the woods . . . in the fields when you let livestock follow harvest.
Salt Costs Very Little
No single item in the entire feed ration costs so little or returns more for its cost than salt. It saves feed . . . it saves time and labor . . . it increases your profits.

Feed Salt FREE CHOICE*
Because the salt requirements of all animals differ, salt should be fed FREE CHOICE*. Then each animal can take as much or as little as its body craves.
Establish Salt Stations
So that your livestock may have

MORTON SALT COMPANY
Chicago 4, Illinois

*Salt FREE CHOICE means having salt before your animals all the time so that they can eat as much or as little as they want.

Feed Salt Free Choice*
For Healthier, Thriftier Live Stock

The Tank Truck

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

**YOU CAN "READ"
MOST VARMINT TRACKS**

**—but Signs of Engine
Corrosion show up Too Late!**

Are you pretty good at "reading sign?" Then you'll be able to identify the varmints that made the snow tracks above.

But no matter how good your woodcraft, you'll never be able to use it in tracking down the varmint that's trying to ruin the engines of your tractor—your truck—your car!

That varmint is corrosive acid, produced in the cylinders of every engine by normal combustion. And though it gives no sign to warn you, some of that acid is always present—waiting for a chance to go on a rampage of destruction, wherever the fine finish inside your engine is left without effective protection!

Fight Acid with OIL-PLATING!

Even though you can't "track down" acid inside your engine, you can keep it from doing serious harm to working surfaces by getting them OIL-PLATED! All you need for that is a fill of popular-priced Conoco Nth motor oil, with its costly added ingredient. This works with almost magnetic energy to fasten and hold OIL-PLATING on engine parts. And all the while you use Conoco Nth, there'll be OIL-PLATING up inside your engine to fight off acid attacks!

In starting up, too, OIL-PLATING is johnny-on-the-spot with protection against needless wear—because there's OIL-PLATING present and ready to lubricate in advance of starting!

Users Speak Up about OIL-PLATING!

Anyone who's ever used Conoco Nth motor oil knows from experience how consistently it performs on the toughest jobs—and there are Conoco users aplenty who'll testify to the value of OIL-PLATING the insides of their engines!

Here, for example, is the report of William Heiser, who farms 1300 acres near Chadron, Nebraska.



Conoco Agent Ted Stockfleth brings William Heiser his Conoco Tractor Lubrication Chart—FREE!

His equipment includes a Farmall tractor and a McCormick-Deering. He writes:

"... Shopping-Around-Days are over"

"Until five years ago, I shopped around for my petroleum products. I found this a costly method—as I got some good products—and some 'not so good.' ... I tried Conoco oil ... and since that time I have been a 100% Conoco customer, using your Nth oil, #501 tractor fuel, #1 domestic fuel, Conoco

R. T. Muir and son Jack proudly show Tank Truck driver Christiansen their Conoco-lubricated tractor.



"That's real oil economy," says James F. Stokesberry of his experience with Nth oil in his Farmall

Bronz-z-z gasoline, and Conoco Pressure Racelube and transmission oils. I find them a uniform high quality products ..."

"... I give the credit to Conoco Nth."

That's how R. T. Muir concludes the letter he wrote to Weiser, Idaho, relating the experience he had with his tractor. Mr. Muir farms 1950 acres on the Weiser River. He homesteaded his farm two years ago, and has used Conoco products exclusively for the past fifteen years. Here are his own words:

"I put Conoco Nth motor oil in ... during 1941. Just lately and after many hours of operation I had it torn down for a general overhaul and found that the bearings were in A-1 condition. We had to take out a shim in some of the bearings and found it impossible." And Mr. Muir adds a word for the service he's received, writing: "... tank truck has come to my farm sometimes during the winter months when I have had to pull the truck through mud and snow the last two years to my farm."

"... a little boasting on your products"

James F. Stokesberry, who farms 160 acres near Maquoketa, Iowa, has cause for boasting when he can say, "I have used nothing but ... Nth oil in my Farmall F-20 and it is eight years old. This Farmall tore it down and put in new rings and sleeves and this is the first time we have dropped the pan. I can tell 'em for me 'that's real oil economy,' ... use your full line from Bronz-z-z gasoline to greases."

Make Some Tracks Yourself!

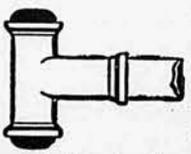
With the testimony of these users to prove the worth of Nth oil and other Conoco products, you want to get your own engines OIL-PLATED. It's easy! Just "make tracks" to your telephone call Your Conoco Agent. He'll put you down on a list to visit the very next time he's out your way! Call him today! Continental Oil Company

ALWAYS AT YOUR SERVICE



\$ 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!



From a length of discarded one-inch pipe and a pipe-tee, Roy Burton of Amity, Arkansas, made the handy non-marring hammer illustrated. The actual striking surface is formed by pouring melted babbit metal or lead into the tee, allowing it to build up in a slightly raised hump on the surface.

Dick Ramberg—age 12—sent in the accompanying sketch from Uson, Montana, showing a novel type of ice-walker made from a discarded auto tire and some roofing nails.



J. S. Wallace of Bixby, Oklahoma, reports a novel way of repairing rim cuts or slits in auto tires, using belt staples. He drives the staples through the casing from the inside, then clinches the points or brads outside, using as many staples as necessary to draw the edges of the slit together along its whole length. A boot or shoe is used inside the case to protect the inner tube from the staple heads.

"VARMINT TRACKS" THAT MENACE YOUR LAND!



Have you ever seen "varmint tracks" like these? Of course you have!—but unless you live in hilly country, you may not consider erosion a menace. Actually, gully erosion is just an extreme example of a process that goes on continually, even on flat land. In fact, so-called "sheet erosion" can remove up to several inches of topsoil from entire fields without the farmer even becoming aware of it! Experts say it takes four centuries for one inch of topsoil to develop naturally. On unprotected fields or cultivated hillsides, wind or rain storms may remove that much soil in four weeks ... or even four hours.

The land is Man's—to have and to use. Yes, and to hold, against all the forces of wind and rain that are always striving to tear the land down, wherever Man has stripped natural cover and broken up the soil! The menace of erosion is no mere theory—and neither is erosion control! Economical methods for control of erosion have been developed to suit virtually every locality—yours among them. More

rational planning of land use is one method. Observation of grazing precautions and crop-rotation plans is another. Sometimes terraces, check dams and wind breaks are needed. Or contour plowing must be practiced, with sowing of adequate cover crops. In one or more of these ways your land and your neighbors' land can be held and made more fruitful, not just for today, but for our children's time as well, and for the days of our children's children.

You're a big factor in the fight to produce food for victory. Now get into the fight to protect the land making that victory possible! For information on erosion control, consult your County Agent, or confer with local Conservation Associations.