

KANSAS FARMER

CONTINUING MAIL & BREEZE

NOVEMBER 2, 1946



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Greatest Advancement In Power Farming
Since Firestone Put The Farm On Rubber

So Corn Yields Will Not Drop

GROWING 300 acres of corn every year really puts a strain on the soil, even in the rich farming area around Hanover, in Washington county.

It is with this idea in mind that Mueller Brothers try to maintain their corn yields thru crop rotations and the use of manure. They figure on sweet clover or alfalfa on all fields every 6 to 8 years. Their usual rotation calls for corn 4 years, wheat 2 years, and alfalfa or sweet clover the other 2 years. Sweet clover is seeded with oats as a nurse crop.

Wheat and oats on the farm have been phosphated for the last 5 years with beneficial results. A fertilizer drill is used and 125 pounds of 20 per cent, or 60 to 70 pounds of 45 per cent, phosphate applied to the acre.

Mueller Brothers were among the first farmers in Washington county to produce certified Pawnee wheat. They also grow certified Neosho oats.

The cattle program consists of buying steers in the fall, wintering them on roughage, grazing the following summer, then feeding them out the second fall.

Pay for Camp Site

Kansas 4-H Club members have raised \$22,500 and fully paid for the site of their state camp at Rock Spring Ranch near Junction City, according to Dr. W. E. Grimes, treasurer of the Kansas State College Endowment Association. The clubs are continuing campaigns for funds to equip the camp.

Made Two Crops

Albert Morgan, of Phillips county, is well pleased with his Comanche wheat, and he should be. He pastured this wheat until April 15 or April 20 last spring, and said there was nothing left but stalks. The foliage was all gone. His cows picked up both in production and flesh while pasturing the wheat.

Despite late and heavy pasturing, the Comanche went ahead and produced 25 bushels of wheat an acre.

Had Brome 20 Years

Altho brome grass is not common in Sumner county, Stanley Peck says it provides excellent spring and fall pasture for his registered Shorthorn herd. There are 25 acres of brome in 3 patches on the Peck farm. Some of the brome is 20 years old.

The grass thinned some during the drouth in 1936, but it filled in again. It was dry this summer, but Mr. Peck does not seem worried about it. He feels certain it will make a good growth again.

There is evidence that brome needs fertilizer even in Sumner county to make the best feed. Three years ago Mr. Peck spread a strip of chicken manure on the brome. He reports it grew taller and was a much darker color where it had been fertilized. Also, the cows liked this grass better.

Senator Capper on Radio

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

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ARTHUR CAPPER Publisher
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When Livestock Hits the "ASSEMBLY LINE"

By CORDELL TINDALL

WHEN meat packing house workers struck last winter, the effect of closing the plants of nation-wide packers was felt thruout the state. For when the larger packer buyers ceased operations, there was little market left for Kansas livestock.

The role of the nation-wide packers in getting meat from the farms to the housewife's table thus was emphasized in dramatic fashion. This is the daily business of some of the nation's largest commercial organizations.

Processing meat is big business. Mass production methods that have made America the most powerful nation in the world are used to make it the best fed. Meat packers were the first to develop assembly line technique which is in very general use in automobile and other manufacturing plants today.

The packing plants have grown big because of the size of the job assigned them. The average pound of meat is moved more than 1,000 miles from the producer to the consumer. This is due to the fact that meat is not produced near the great population centers where it is consumed. The bulk of livestock is produced west of the Mississippi, and the meat is consumed east of the Mississippi.

Kansas, in the center of a large livestock-producing area, has approximately 72 meat-packing plants. The principal ones are located in Kansas City, Topeka, Wichita, Chanute, Emporia, Fort Scott, Hutchinson, Iola, Salina, Winfield, Arkansas City, Pittsburg, and Leavenworth.

Actual processing of the live animals into meat products is efficiency on a grand scale. Specialized equipment and skilled workers perform wonders in the art of butchering.

A visit to a packing house which prepares meat for other than local consumption leaves you with an appreciation of the giant-size job of feeding the nation, a job in which farmers and food processors share. The photographs in this issue of Kansas Farmer were taken on a visit to one of Swift & Company plants. These photos depict just a few of the many businesslike sights to be observed in a modern packing plant.

One highlight of the plant was a steam table where workers trimmed the hams with specially curved knives. At the 4-man table, capacity speed is about 600 hams an hour. Another similar operation was trimming out the tenderloin. This also was done by razor-sharp knives designed for the job. The workers who do this operation day in and day out make it look easy—but just try it!

It's an old joke that the packing houses utilize everything about the hog but the squeal. We actually saw the final step of processing a hog—trimming and cleaning the tails. The age-old trick of country school children is to wrap a pig's tail as a present to teacher at Christmas. Packing plants have a more practical use for this "end product." They are trimmed and cleaned and find a ready market. Another highly specialized product of packing plants is "pig lips"—which are just what they are.

Many of the by-products of the packing plants must be processed before they are marketable. Hides, for example, must be cured before they go

to tanners; select fats are made into oleo oil and stearin; other fats are converted into tallow and later into soaps; select bones are sold as raw material for knife handles. Nothing is overlooked. The numerous glands and secretions of cattle, lambs and hogs form the basis of a wide variety of medicines.

Because these by-products are a source of additional profit to the packing plants, the producer's livestock is worth more. Actually, animals provide much more than just food.

In addition to the market for by-products, packing plants have a specialized meat trade which must be supplied. One section of a plant is known as the hotel and restaurant room, where beef and lamb are cut and wrapped especially for this trade.

Progressive meat packing house companies continually are seeking to improve on the ways of Mother Nature. One such example is the development of a new lard. By addition of small quantities of a vegetable substance, known as gum guaiac, it is possible to keep lard without refrigeration. This is said to be one of the biggest developments in lard in 50 years.

The problem was to find a method of preparing lard that would not require refrigeration, but at the same time retain in lard the growth-promoting qualities and other advantages. Scientists found that adding the natural juice of the guaiacum tree of the West Indies and Central America protects the lard from oxygen.

Hog farmers have a stake in development of such lard because it will increase the demand for lard by the nation's housewives. And one of the big problems facing hog producers in the coming years is utilization of lard.

Not only does the meat packing industry process the livestock produced [Continued on Page 24]



Mammoth grinders prepare ground meat for use in table-ready meat kitchens. Anyone would be pleased with the sanitary conditions surrounding this and other operations.



"Pulling" a pork loin. Fresh pork is divided into as many as 75 different cuts in the "disassembly" line. Later the loins are trimmed. This expert makes it look easy—but just try it! The knife is razor-sharp.



Ribbing choice beef in a cooler, before quality grading.



Meat-packing plant visitors are usually surprised at the constant government inspection. Shown here is a government inspector making a check on beef dressing.

Packaging lard in 1-pound cartons. Great advances have been made in recent years in developing lard that will meet the approval of the housewife. This means a better market for hogs that are fat.



A pork-cutting operation—sawing the hock and foot from a pork shoulder. Later the hock is separated from the foot.



Farm Matters

AS I SEE THEM

PRESIDENT TRUMAN'S "surrender" on meat and livestock price control ceilings came about 4 months later than it should have for the long pull, but should be useful in helping return the country to a peacetime basis. Other controls that have been hampering production and blocking the channels of distribution are being taken off, as they should be.

I still am of the opinion that if President Truman had approved the bill Congress wrote last June, providing a more orderly procedure for tapering off controls, the transition from wartime to peacetime would have been speeded and made easier. When he vetoed the measure instead, and thereby destroyed all controls overnight, only to have them put back a few weeks later, (when everyone knew they would have to be abandoned again in a comparatively short time), the only result was just what happened—more confusion, approaching chaos.

Removal of controls has not ended the confusion, of course. But it paves the way for the adjustment of price levels to the new postwar levels determined finally by the law of supply and demand. Removal of controls will not bring the millenium, either for producers or consumers.

The combination of Government controls of the last few years had as its main purpose the channeling of goods and services into patterns that would provide goods and services necessary to win the war. That pattern had to be changed to provide for the requirements of peace—including a certain amount of relief foods, feeds, and other things for peoples whose economies have been more nearly destroyed than our American economy by war's ravages.

Also, in this country, producers and consumers, as taxpayers (direct and indirect) have to raise some 40 billion dollars a year to support Federal Government expenditures, 5 or 6 times as much as prewar. This increased tax burden is going to be reflected in price and wage increases over the prewar period.

That means there are a lot of price tangles ahead. Price increases following immediately upon removal of price controls, where supplies on the market were short, were bound to be larger than will, or should, prevail after supplies have come into the market in response to the incentive of higher prices. A period of price confusion lies ahead of us. But this price confusion is not the road to chaos, but toward postwar stabilization. Continuation of price controls, in my judgment, would have led to just as much confusion and later to real chaos, instead of stabilization.

Taxes and Government expenditures are not the only things that have increased. There is now about 3 times as much currency, also 3 times as much "check money," as there was in the country before World War II. Wage and salary income payments this year are more than twice as large as in 1939.

The production of goods has not increased anywhere nearly that much. The combination of higher taxes, higher costs, and higher wages, mean higher prices than before the war. Without higher prices the higher production costs, the higher taxes, and the higher wage and salary paychecks could not be met.

But the present-day too-high prices on lots of goods are not going to continue forever. Articles in short supply will be in good supply in varying periods in the future. The present apparent "surplus" of buying power is going to be reduced materially by purchases at present prices, and as the

cash "surplus" disappears, and more abundant quantities of goods come on the market, the adjustment of prices will be generally downward.

As this happens, the consumers—the buyers—can and will become more "choosy," and the producers and merchandisers—the sellers, will have to pay more and more attention to consumer choices and consumer pocketbooks. Think that over before you buy something you do not really need, now; also before you make purchases whose future value will depend upon a continuation of present prices.

They Save Lives

I AM PROUD to congratulate the winners in the Kansas Farm Safety Contest for 1946. No doubt you will recall this annual event is sponsored by the Farm Safety Committee of the Kansas State Safety Council. For several years, hundreds of 4-H Clubs have made the practice of safety measures one of their main projects. Out of these many entries each year a winning 4-H Club is selected. Also, a winning boy and a winning girl are picked from the whole state.

For 1946, the winning club is the Harmony Hustlers, of Dickinson county. Ten members of this group, accompanied by their adult leaders, earned a trip to the American Royal Livestock Show at Kansas City. They spent the first part of last week at the Royal, and I know they had a good time and made a good impression.

I wish to say again that I never have seen a 4-H Club boy or a 4-H Club girl from Kansas who wasn't a credit to our state and to agriculture. I have watched them in many communities here at home, at the big livestock shows in Kansas, in Chicago, at the International Livestock Show, and at the National 4-H Encampment in Washington. And I tell you they are first class all the way thru in their actions and accomplishments. I am very proud of our farm youth, their ambitions, and the progress they are making right now on the road back from war and on toward peace.

All of us deeply respect the memory of those former 4-H Club members who made the supreme sacrifice for their country. I think the best way 4-H Clubs can remember them is to carry on and make their already great organization still greater. To my way of thinking that will be a most valuable living monument in their honor.

On the trip to the American Royal the winning club members were guests of the Kansas Safety Council. I learn that the 40 members of the Harmony Hustlers are as outstanding in their many other projects as they are in safety work. That isn't surprising to me. It was possible to take only 10 members of the winning team on the trip. But I say here that all 40 members were winners, too. Because they helped win the top prize. And they helped save lives in their county during 1946. What greater reward could they receive than the knowledge that they prevented suffering, helped keep their friends and relatives and neighbors from being permanently crippled, and even saved lives? I say there is no greater reward on this earth than the satisfaction of being of service to others.

What I say about all 40 members of the Harmony Hustlers being winners, applies exactly the same to every 4-H member who participated in the 1946 Farm Safety Campaign. My sincere congratulations to every one of you.

The Harmony Hustlers prepared a notebook which was tabulated into departments of "Safety in the community," "Safety in the home," "Safety on the farm," "Safety at regular meetings," "Safety library," and a summary of all work done by the club during the year. You can see they missed nothing. Nearly every member in the club took part in safety work during the year.

One of the interesting parts in safety in the community is the map showing location of accidents during the year, what each accident was and how it could have been avoided. Another good feature is the safety thermometer with a red column which goes up by degrees whenever an accident occurs.

The club had safety talks at nearly every meeting. Safety signs were put up in numerous places thruout the community—on dead-end roads, curves, corners, dangerous hills, cattle crossings, washouts, narrow bridges. A large number of demonstrations were given in the club during the year on such subjects as care and use of firearms, fireproofing fabrics, making a first-aid kit, sanitation, repairing stairs, and safety with farm machinery. I think you will agree with me that all of this was important work.

Individual winners in the state-wide safety contest this year are Norman Manz, 19-year-old member of the Blue Line 4-H Club of Geary county, among the boys. And Laverna Lenhart, 18-year-old member of the winning Harmony Hustlers 4-H Club, of Dickinson county, for the girls. It is my pleasure to present each one of these winners with a \$50 gold watch, thru Kansas Farmer, as a token of the fine work they have done.

Norman Manz will represent Kansas in the regional contest. He has helped, during his 9 years in club work, to inspect farms for accident hazards, prepare community safety programs, has given safety broadcasts over the radio, directed safety displays, he has given many safety talks and demonstrations. This year he spent 93 hours and traveled 264 miles doing safety work. Certainly that is an excellent record.

Laverna Lenhart has headed up her club's safety committee for 2 years and was chairman of the health committee last year, which placed third in the state. She kept a fire prevention safety book this year, and was instrumental in helping the club win the state safety contest by working with their notebook. Talks, demonstrations, tours, check sheets, assisting the young members, checking on the club tours, special safety tour, building and setting safety posts, designing safety signs, making first-aid kits, safety booths at the county fair, safety committee, questionnaires to all the families in the community, safety programs and a survey of the community; this is an indication of the work Miss Lenhart has done in her part of the winning safety activity.

I know my Kansas farm friends all over the state will join with me in congratulating these two individual winners, and the 40 members of the winning team. Also, that you all will congratulate just as sincerely, every 4-H boy and every 4-H girl, and their adult leaders, who participated in the recent farm safety contest.

I hope you 4-H Club members will continue this great work; that thru your leadership it will spread to every corner of the state.

Arthur Capper

Topeka, Kan.

They Thought About Seizing Your Cattle

By CLIF STRATTON

Kansas Farmer's Washington Correspondent

WASHINGTON, D. C.—A foretaste of what is in store for the American farmer—and later for owners of other private properties and products—if the existing Washington trend of thinking is continued thru another political generation, may be found in 5 sentences of President Truman's "surrender speech" on meat and livestock price controls.

In the course of his broadcast announcing decontrol of livestock and meat prices, President Truman used

language, which I am quoting here: "Some have even suggested that the Government go out onto the farms and ranges and seize the cattle for slaughter."

"This would indeed be a drastic remedy."

"But we gave it long and serious consideration."

"We decided against the use of this extreme wartime emergency power of the Government."

"It would be wholly impracticable because the cattle are spread thruout all parts of the country."

The foregoing language could be interpreted—perhaps it should be

interpreted—to mean that if the cattle had been in such position that the Government could have seized them, the requisition order would have been issued.

It was only a few months ago that a directive was issued requiring that one half of all wheat delivered to warehouses, whether for sale or for storage, be set aside (requisitioned) for the Commodity Credit Corporation. (Continued on Page 22)

On-the-Farm Training Available to Veterans

VETERANS of World War II eligible to qualify, may get a boost in their farming operations under the new Institutional Training in Agriculture program. It is being administered jointly by the Kansas State Board for Vocational Education and the state office of Veterans Affairs and other agencies. The new training is to be given under the G. I. Bill of Rights, Public Law 346, and under Public Law 16, disabled veterans.

To be eligible for Government assistance, the veteran trainee must be operating a farm as an owner, a partner, or assisting as a hired man. Trainees will be limited to \$200 a month income, including Federal assistance and net profits from the farm operation.

Lester Pollom, supervisor of agricultural education for the State Board for Vocational Education, will be head of the training program. C. C. Eustace, of Manhattan, will be field supervisor.

Most of the veterans expected to take the training already are skilled in the mechanical operation of farms, says Mr. Pollom. The big job will be to assist them in gaining managerial experience so necessary for success. For this reason, he added, it is necessary for the trainee to be actually engaged in farming and meeting managerial problems in his work. Our task will be to assist him in solving them as they arise, and helping him work out a progressive program that will enable him to acquire sufficient livestock and equipment to launch his own program.

As of November 1, 1946, from 6 to 12 classes over the state were ready or about ready to begin the training program. Iola, Hill City, Hiawatha, Harveyville, and several others were completing preliminary steps.

All veterans interested in farming may attend young and adult farmer classes already conducted by high school vocational agriculture departments. They will not be eligible for subsistence payments unless actually engaged in farming.

Instruction for veterans eligible for subsistence payments will consist of 3 parts: Off-farm instruction of not less than 200 hours a year in agriculture and related subject matter, not less than 8 hours of which shall be given in any month; on-farm instruction of not less than 100 hours a year, at least 50 per cent of which must be made applicable specifically to the veteran's individual farm by visits of not less than twice a month; instruction, guidance and assignment of work and study covering all phases of the operation of the farm, and between visits of the instructor.

Where the veteran is serving as a

hired man under an employer, the on-farm instruction is reduced to 50 hours a year and not less than one farm visit a month by the instructor.

Before trainees can get subsistence and instruction, their farms must be inspected by authorized representatives and approved by them to the administrator of the local high school.

Those wishing to enroll in the farming program may receive detailed enrollment information from the Veterans Administration, Wichita; Selective Service, Red Cross, American Legion and all service offices.

After the eligible veteran has completed his enrollment he will receive \$65 a month subsistence, if single, or \$90 a month, if married, provided he makes satisfactory progress toward establishment in farming. In neither case, married or single, can his net income (profits plus subsistence payments) total more than \$200 a month.

Nip Grasshoppers

Roadside grasshopper-baiting machines covered about 25,000 miles of Kansas roads and highways this fall, according to Dr. E. G. Kelly, Kansas State College extension entomologist. Grasshoppers appeared in large and damaging numbers in 21 Western Kansas wheat counties.

Hoppers were particularly bad this year in counties west of Decatur, across Sheridan, Gove, Scott, Finney, Haskell, and Seward, west to Colorado.

Ready co-operation of farmers with the Federal Grasshopper Control Division and the Kansas State College Extension Service brought about a rapid organization of counties, and the campaign probably saved thousands of acres of newly sown wheat.

Bait spreaders furnished 10 counties by the Federal Government were capable of spreading the mixed bait 60 feet on each side of the truck.

Dr. Kelly is urging another campaign in the spring. Baiting then will do even more good, he believes, because it will get young grasshoppers before they lay their eggs.

Free Fair to Build

A new \$58,000 building to house sheep and swine exhibits at the Kansas Free Fair, Topeka, has been approved by the Civilian Production Administration. The building will not be constructed until next spring.

Because plumbing and electrical items are in short supply, no plumbing will be installed in the building until later, and wiring will be held to a minimum, it is said.

Top Heifer Brought \$435

SCHARON JEANNE ZOOK, of Rozel, paid \$435 for the top registered Guernsey heifer October 18, at the special 4-H and F. F. A. calf sale sponsored by the Kansas Guernsey Breeders' Association. She paid that price for Meadow Lodge Gay Delecta, consigned by Meadow Lodge Farm, Oklahoma City, Okla. The sale was held at Topeka.

The 9 head offered averaged slightly less than \$284. Buyers other than Miss Zook were: William K. Schilling, Hiawatha, who paid \$385 for Cooper's Majesty Mony 939362, consigned by Tom Cooper Farms, Ardmore, Okla.; Herbert Bruce, Jr., Wichita, \$360 for Glencliff Valor Petunia 938734, con-

signed by Glencliff Farm, Independence; Joe Burton, Olathe, \$265 for Ransom Wicki's Whisper, consigned by W. G. Ransom, Homewood; Robert J. Graber, Pretty Prairie, \$200 for Twila's Marilyn, consigned by Forrest C. Johnson, Home; Claude Daniel Pentecost, Phillipsburg, \$250 for Seco L. H. Rose, consigned by Seco Co., Inc. Arcadia, Mo.; Wayne Kufus, South Haven, \$275 for Springlakes Zephyr's Bonnie, consigned by Joe M. Graber, Pretty Prairie; Doyle Reichard, Homewood, \$200 for Green Acres Olivette, consigned by Eugene Hoyt, Princeton; Norvin Stunkel, Belle Plaine, \$185 for Golden Day Davis, consigned by James A. Davis, Hutchinson.

Both are De Laval

IN CLEAN SKIMMING—QUALITY—LONGER LIFE!

FOR THE
SMALL
HERD
OWNER



De Laval Junior Series

You don't have to feel that the best is too expensive for your purse. Here is the ideal separator for the small herd owner—low in cost but De Laval in quality and cleanskimming. Hand or electric models. See your De Laval Dealer first.

SIZES AND CAPACITIES			
Size	Pounds of Milk Separated Per Hour	Gallons of Milk Separated Per Hour	Amount of Milk Separated in 10 Minutes
No. 2	225	26	5 gal.
No. 3	300	35	6 gal.
No. 4	400	46½	8 gal.
No. 5	500	58	10 gal.

FOR THE
LARGER
HERD
OWNER



De Laval World's Standard Series

Supreme among the larger size farm separators—leader in clean skimming, long life and quality. And lowest in cost per year of use. Hand or electric models.

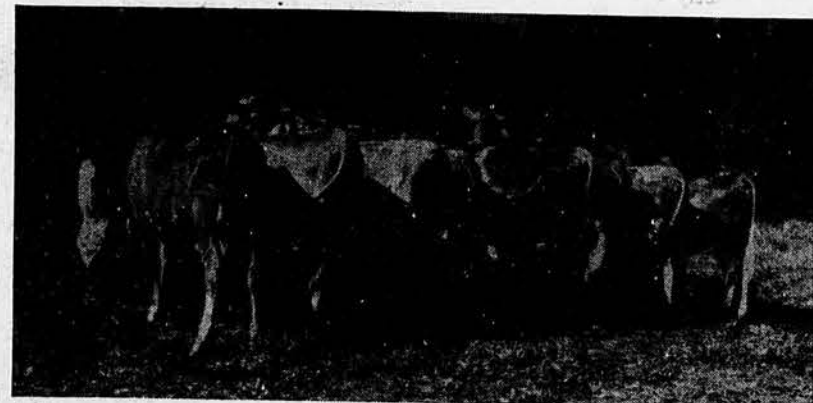
SIZES AND CAPACITIES			
Size	Pounds of Milk Separated Per Hour	Gallons of Milk Separated Per Hour	Amount of Milk Separated in 10 Minutes
No. 14	550	64	11 gal.
No. 18	800	93	16 gal.
No. 19	1150	134	23 gal.

THE DE LAVAL SEPARATOR COMPANY

165 Broadway, NEW YORK 6 • 427 Randolph St., CHICAGO 6 • 61 Beale St., SAN FRANCISCO 19



DE LAVAL



This group of registered Guernsey heifer calves was offered by the Kansas Guernsey Breeders' Association in a special sale open only to 4-H Club and F. F. A. members. The calves sold for an average of \$284.

"You know, son, we're producing what the whole nation needs more of... good milk."



THEN WHY DID UNCLE JIM LET GO OF THAT HEIFER?

DON'T KNOW ABOUT THAT. GUESS HE HASN'T SEEN WHAT AUTHORITIES LIKE CHESTER C. DAVIS ARE SAYING ABOUT THE MILK SITUATION.



The nutritional need for milk and the products of milk has never been met. Other indications point to years of good markets ahead for you. Those markets can be held only by continually supplying the demand. Plan on producing more high-quality milk now. Plan on more uniform year-round production.

Important right now is the proper care of freshening cows. Information on that and other sound practices to increase your production of quality milk will be supplied you gladly by your dairy plant field man or County Agent.

For practical help, get in touch with one of these men. Do it now... to make your production more efficient... to get more dollars on your milk checks... to make your future more secure.

Kraft Foods Company
Chapman Dairy Co.
Franklin Ice Cream Co.

Divisions of
NATIONAL DAIRY PRODUCTS CORPORATION

Says Chester C. Davis,
Chairman, President's Famine
Emergency Committee:

Good fortune again has touched the grain fields of America, but our bountiful crops must be seen against the background of a world supply that is still low, and a world need that will be very great at least until another crop is harvested. That means something to the dairyman. For we need more milk, too. This is no time to let a good dairy cow or heifer go. The efficient dairyman will get rid of culls, but he will keep the good ones, and get more milk by using feed grain wisely to supplement an abundance of hay or pasture.

Ground grains prevent waste. The correct milking routine saves time and helps keep the herd healthy. Good dairy herd management never had a better chance to pay off than now.

The need for MILK has never been met
PLAN NOW TO INCREASE PRODUCTION

Second Meeting Coming

Of Industrial-Agricultural Week at Manhattan

THE interdependence of Kansas agriculture and industry, and the common problems of both, will provide the theme for the second annual Industrial-Agricultural Week at Kansas State College November 7, 8, and 9.

Sponsored jointly by the Kansas Industrial Development Commission and Kansas State College, the meeting will bring together farm and industrial leaders of the state. Attendance at last year's Industrial-Agricultural Week was restricted to an invited list of 100 persons. But with travel and other restrictions now removed, this year's session is open to all interested persons and is expected to draw a large crowd.

A program covering the wide range of subjects suggested by the principal theme has been arranged and will feature speakers from both instate and out of state. Methods by which agriculture can help industry, and vice versa, will be discussed. Particular attention will be given to the problems of small industry in Kansas.

Will Discuss a Problem

Among the situations which will affect the tone of the entire 3-day program is that of the declining farm population in Kansas. The drop in the number of persons engaged in agriculture as a livelihood is in itself not a bad thing; it indicates increased efficiency on Kansas farms. The undesirable factor is that Kansas does not have sufficient industry at present to absorb the population which is moving from the farms into the cities. The state is not able to offer these people jobs which are attractive enough to keep them and their families in Kansas. The result, the Kansas Industrial Development Commission and Kansas state authorities point out, is that eventually the entire state loses population and is no longer in position to maintain the way of living which the original population made possible.

Industrial-Agricultural Week will attempt to stimulate thinking toward a solution of this enforced farm-to-city migration. The K. I. D. C. will point out what it is doing in the matter of creating new industries within the state, and in bringing already established industries to Kansas. New jobs have been made for Kansas people thru these efforts, but more jobs are needed. And more jobs will come only thru increased industrial activity which will bring the farm and industrial economy into the desired balance most beneficial to the state.

President Milton S. Eisenhower, of Kansas State College, will open the meeting at 2 p. m. November 7 and will introduce Gov. Andrew F. Schoepel. The governor will speak on "What Is the State of Kansas Doing to Encourage Industry?" Other first-day

speakers will be Harold E. Pinches, director of research of the Harry Ferguson Co., Detroit; Will J. Miller, Kansas Livestock Sanitary Commissioner, Topeka; and Dr. A. B. Cardwell, head of the department of physics at Kansas State and formerly with the Oak Ridge, Tenn., atomic energy plant.

The complete 3-day program is as follows:

November 7

12-2—Registration.
2-2:15 — Pres. Milton S. Eisenhower, "Welcome."
2:15-2:45—Gov. Andrew F. Schoepel, "What Is the State of Kansas Doing to Encourage Industry?"
2:45-3:30—Harold E. Pinches, "Decentralization of Industry, and the Interdependence of Industry and Agriculture."
3:30-4:15—Will J. Miller, "Kansas Agriculture Wants Kansas Industry to Grow."
4:30-6—Reception, president's home.
8-9:30—Dr. A. B. Cardwell, "Atomic Energy and Its Political Implications."

November 8

9-9:15—Deane E. Ackers, chairman, Kansas Industrial Development Commission, "Problems Confronting New and Small Industries and Business in Kansas."
9:15-10—Warren E. Blazier, personnel director, Beech Aircraft Co., Wichita, "Personnel and Labor Requirements of Kansas Industry."
10-10:45—Claud L. Cray, president, Midwest Solvent Co., Detroit, "Finance and Accounting for Kansas Industry."
11-11:45—Charles H. J. Patterson, director of engineering, the McNally Pittsburg Mfg. Co., "The Place of Engineering and Research in Small Industrial Organizations."
11:45-12:30—Nelson W. Krehbiel, president and general manager, Mound Ridge Milling Co., Mound Ridge, "Sales and Marketing Organization for Kansas Industry."
1:30-2:15—J. Fletcher Marsh, plant manager, Rival Manufacturing Co., Kansas City, Mo., "Problems of Production and Procurement of Raw Materials."
2:15-3—David Ehrsam, president, J. B. Ehrsam & Sons Mfg. Co., Enterprise, "The Functions of Management."
3:15-5—Round-table discussion.
8-9:30—Dr. Edwin E. Witte, professor of economics of the University of Wisconsin, and chairman of Regional War Labor Board during the war, "Industrial Labor Relations."

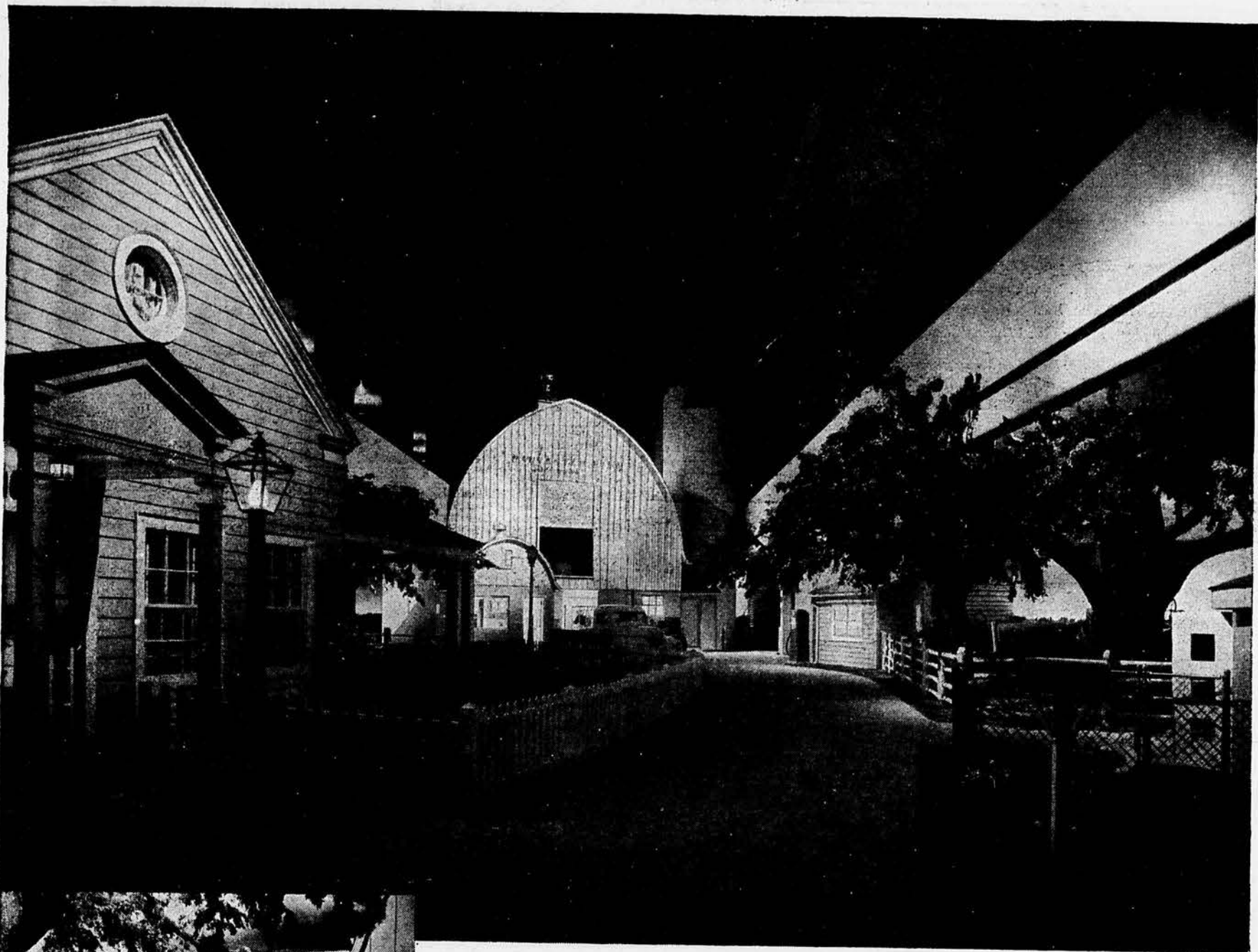
November 9

9-9:05—Introduction by chairman.
9:05-9:20—Leland S. Hobson, professor of Industrial Engineering, Kansas State, "Problems Confronting Industrial Development in Kansas Since 1900."
9:20-9:40—C. J. Droppers, industrial consultant, Kansas Industrial Development Commission, "Specific Problems That Have Confronted Kansas Industry and How They Are Being Solved."
9:40-10:30—D. R. Brown, president, Multiscopes, Inc., Coffeyville, "How to Develop a New Industry or Product."
10:45-11:30—Ralph Keller, manager, Chicago operations, George A. Hormel Company, "Profit Sharing, Its Advantages and Limitations."
11:30-12:15 — President Eisenhower, "What Help Can Kansas State College Give to Industry?"

Farm Safety Champions for 1946



Kansas Farmer takes pleasure in introducing the two 4-H Club safety winners in the state for 1946. Competing with many other individuals in a great many clubs over the state, these two were declared champions. They are Norman Manz, 19, member of the Blue Line 4-H Club, Geary county, and Laverna Lenhart, 18, of the Harmony Hustlers 4-H Club, Dickinson county. Please turn to Senator Capper's editorial, "They Save Lives," on page 4 of this issue, for details of the winners. Thru Kansas Farmer, he presented each of these winners with a \$50 gold watch.



Contour plowing for better land use is included among the many approved farm practices portrayed at "Harvester Farm." Remember, your land is your security . . . keep that precious layer of topsoil.

The champion Holstein, fully animated, breathes, and is milked by an International Harvester milker. Construction of the five cows required the skillful craftsmanship of a master taxidermist.

Good farmers everywhere take pride in caring for their equipment. . . . Here, the machine shed protects such IH products as the grain drill, hammer mill and spreader. In the fields are a Farmall tractor, plow, self-propelled combine, and pick-up baler.

★
Write Museum of Science and Industry, Chicago 37, Ill., for illustrated booklet describing "Harvester Farm"

SEE "Harvester Farm"



THE NEXT TIME YOU'RE IN CHICAGO
AT MUSEUM OF SCIENCE AND INDUSTRY
IN JACKSON PARK

THAT completely modern, mechanized and very beautiful farm you've always wanted to inspect at close range is now on year-round view in Chicago . . . *indoors*, where the summer sun shines every day! It's "Harvester Farm," constructed by International Harvester as a permanent exhibit of the Museum of Science and Industry.

There's many an inspiration waiting for farm wives inside its charming Colonial farmhouse. Designed from the expressed preferences of farm families throughout the country, this full-sized home has a neat and efficient kitchen with every modern convenience, including the latest type of home refrigeration.

Down at the end of the walk is the

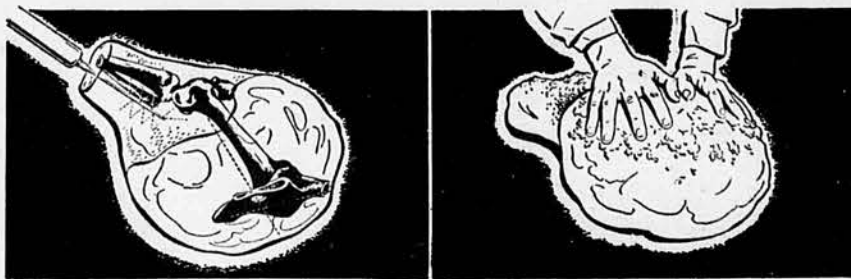
towering white barn that houses the five most productive breeds of dairy cattle. In the spic-and-span milk house every milk-handling operation is carried out with sanitary and labor-saving equipment. And all important farm buildings—workshop, brooder house, forge, etc.—are found on "Harvester Farm" just the way you'd like to have them on your own place.

These are just the high points of this great exhibit whose beautiful fields seem to stretch to the far horizon. Plan to see it when visiting Chicago. More than half a million people have already been welcomed at "Harvester Farm."

INTERNATIONAL HARVESTER COMPANY
180 N. Michigan Ave. Chicago 1, Illinois

INTERNATIONAL H HARVESTER

Here's the easier, safer way to put up fine HAMS and BACON



1 Dissolve Morton's Tender-Quick in water to make a rich, fast-acting curing pickle. Pump this pickle into hams and shoulders along the bones. This starts the cure INSIDE—at meat's most vulnerable area... helps prevent bone-taint, off-flavor, and under-cured spots... gives a more uniform cure from rind to bone.

2 Rub with Morton's Sugar-Cure. This complete sugar curing salt strikes in from the OUTSIDE, curing toward the center—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.



3 The result of this two-way Morton Cure—Tender-Quick working from the INSIDE out, and Sugar-Cure from the OUTSIDE in—is the best-tasting, best-keeping meat you've ever had... uniformly cured from rind to bone, no off-flavor, no bone-taint, no waste... home-cured meat at its very best.

There's no substitute for the Morton Way of Curing Meat... for the safer, more uniform cure it gives from rind to bone... for the mild, delicate flavor it imparts to hams, shoulders, bacon.

Try it this year. Join the million farm families who use the Morton Way year after year. They know its goodness. Try it yourself for a feeling of security about your meat, a certainty of results, and a richness of flavor you can get in no other way.



It's Easy to Cure the
MORTON WAY

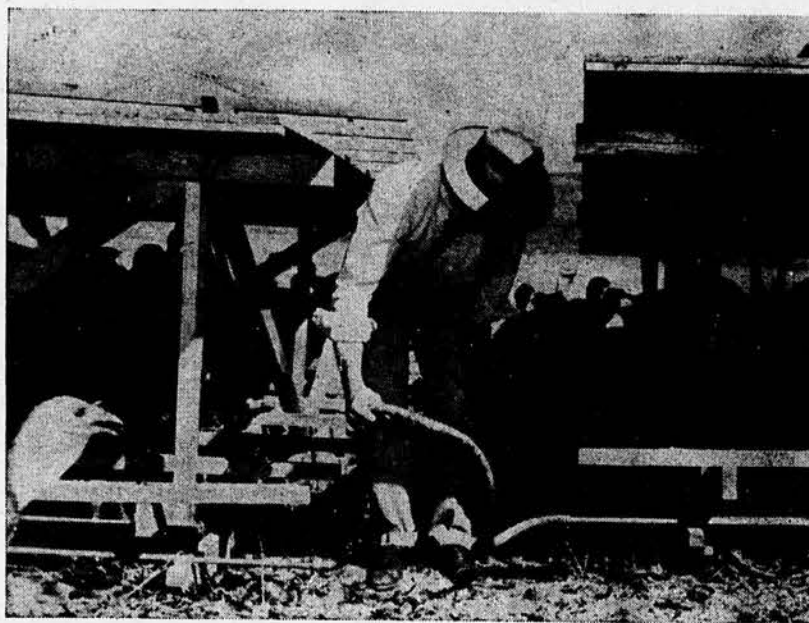
Everything you want to know about meat-curing

More than 1,000,000 copies of "Home Meat Curing Made Easy" have already gone in to farm homes. Shows how to butcher, dress, chill, and cure pork, beef, veal, and lamb... to make Canadian Bacon, sausage... how to get fine

flavor and long keeping quality in home cured meat. Send for your copy today. Just write your name and address on the margin and mail with 10¢ in coin to Morton Salt Co., 310 S. Michigan Ave., Chicago 4, Ill.

Easier Job With Turkeys

Water System and Portable Light Plant Help



Range shelters carry their own water pipes, and are connected by rubber hose to make continuous water line.

CARE of 4,800 turkeys is managed with a maximum of ease on the Perry Packing Company turkey farm, near Hanover. Using the latest ideas in management, including some original ones provided by M. O. French, manager of the Hanover plant, the job of finishing the birds for market is handled with the least possible work.

Probably the greatest labor-saving idea is the water system used. A large storage tank is located on a knoll near the center of the range, with water pipes radiating to various sections where birds are to be moved during the season.

Each range shelter then has a permanent water pipe extending along the full length, attached just above the runners. When the range shelters are moved to a new location, they are arranged in line and the water pipes on each are connected by a rubber hose to provide a continuous water line the length of the shelters.

A watering trough, equipped with a float valve, is attached to each range shelter by wire. This is so it can be moved along with the range shelter. It also is connected to the range shelter water pipe by another rubber hose.

By this method, Mr. French has a constant running water supply where he wants it. Moving the water troughs with the range shelters instead of separately, also saves time and labor.

Another idea that saves time and works well with turkeys on range is the portable light plant. This plant is housed in a small shack on skids and is moved about with the flock. It is cheap and easy to use. Saves stringing wire to all parts of the range.

Visitors entering the range are required to use a disinfecting pan at the

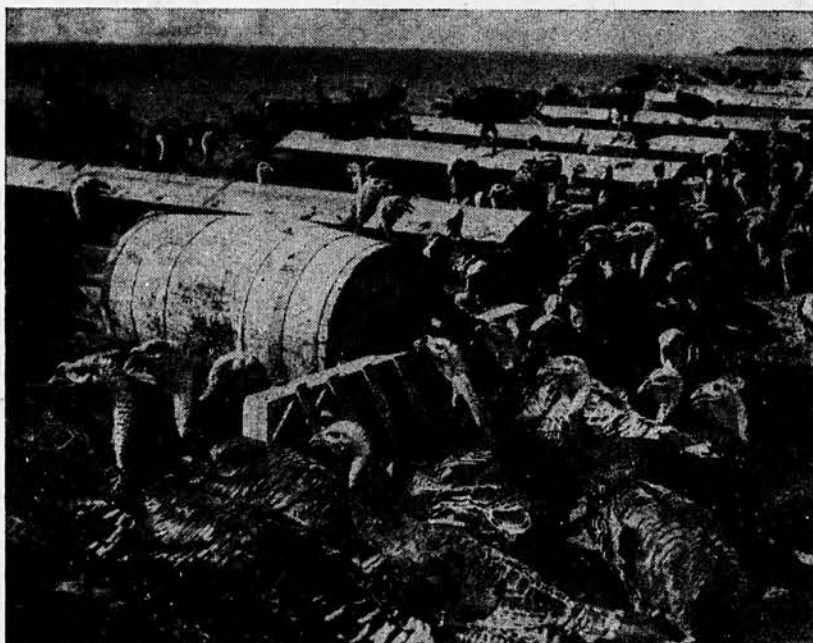
gate to prevent any disease being brought onto the farm. Strange cars are not allowed on the range.

A good feeding program is followed at the farm. Poultts get whole oats at 8 weeks old. When 10 weeks old the poultts get corn mixed into the oats. Mr. French thinks poultts get started eating better on oats than with any other feed.

Semisolid buttermilk emulsion is fed 3 times daily when poultts reach 14 weeks. The emulsion is regulated to make about 10 per cent of the daily feed intake. Buttermilk adds vitamins A and D, riboflavin, milk solids, and lactic acid, says Mr. French. His experience proves that the birds gain



Water fountains are attached to range shelters by wire and connected with water pipes by rubber hose. They are moved simultaneously with the shelters. M. O. French, manager, demonstrates the hookup.



Semisolid buttermilk is fed from portable feeders like the one in this picture. Turkeys stay in better condition and gain more rapidly with this added feed, says Mr. French.



Visitors to the Perry Packing Company turkey farm, near Hanover, must disinfect shoes at the gate. Following the rule here is Everett McClelland, Washington county extension agent.

more rapidly, have an increased appetite, and keep in better condition when the buttermilk is fed. Next year, he wants to start this when poults are one day old.

As soon as poults are used to the corn, it and the oats are separated and fed free choice. Turkey-growing pellets are fed free choice with the 2 grains. Mr. French likes pellets better than mash as he reports less waste, and that timid birds do a better job of getting their share. When mash is fed, he finds, birds get their bills gummed up and start feather picking from attempts to clean their bills.

A good pasture-rotation program also is used on range. The new sweet Sudan is seeded on the level areas and a brome-alfalfa mixture on the slopes. Five acres of the sweet Sudan were used this year. The ground was double disked and limed 300 pounds to the acre. Ammonium nitrate was drilled in with the seed at a rate of 150 pounds an acre. The flock ranged on this pasture for 10 days. The saving was 3 tons of feed at \$4 a hundredweight, or \$240 for the 5 acres in the 10-day period.

Flock and equipment are moved to new locations on the range every 10 days. Following the season, the entire range is allowed a 2-year interval before turkeys again are raised on it. An entirely new range on the farm is used each year, with turkeys going back on the original range in the third year. The old range is cultivated and planted to alfalfa during the interval to insure clean ground when the flock comes back.



This portable light plant is economical and is moved with the shelters around the range.



"I've Quit Worrying About Tractor Breakdowns

...and I'm doing more work, thanks to SKELLY lubrication!"

Want to assure maximum service from *your* tractor and other farm machinery? Your Skellyman has a

simple but sure plan to help you. First, he'll supply you with premium-grade Skelly lubricants and fuels... products like Skelly Fortified Tagolene Motor Oil, regular or H.D. (heavy duty)...and Skelly long-life greases.

Second, he'll help you with your lubrication problems... tell you *how, when, and where* to use Skelly products to best advantage.

And third, he'll *guarantee* you satisfaction... cheerfully refund your money if you aren't satisfied.

Profit by this 3-way program now. See your Skelly Tank Station Salesman or Jobber today... he's a *good* man to know!



SKELLY



VOTE FOR FRANK CARLSON



REPUBLICAN FOR GOVERNOR

A Kansas Farmer-Stockman With Governmental Experience

The esteem in which a man is held by his colleagues is a sure index to his character and ability. Here is what United States Senator Arthur Capper says concerning Frank Carlson . . .

"Frank Carlson, whom I have known and worked with for years in Kansas and in Congress, has the necessary ability. He has the training and experience. He has the understanding of the problems of Kansas and Kansans, and the understanding of the relationship of Kansas to the United States as a whole, and to the world at large, that make him unusually qualified for the job of Governor."

(Political Advertisement)

Kansans Rank High at Royal

Large Crowds Attend First Postwar Exhibition

A GAINST severe competition, Kansas livestock entries placed well in the first postwar American Royal in Kansas City, October 19 to 26. Each day overflow crowds swarmed thru the show areas.

Members of 4-H Clubs and Vocational Agriculture students accounted for a large portion of the livestock exhibits. The youth of Kansas took its share of honors in the 4-H and F. F. A. divisions, while adult Kansas exhibitors collected their share of ribbons.

The most sweeping victory for Kansas was won by Joe O'Bryan, of the O'Bryan Ranch, Hiattville. Out of 6 Hampshire fat-barrow classes, his entries won 4 first places and 2 seconds. His champion pen of Hampshire barrows won the grand championship of all fat-barrow classes. His entries of breeding hogs also placed well.

Kansas winners in the 4-H Club division of the Royal were:

Fat Lambs

Hampshire: Fourth and 5th places, Joe Breitenstein, Paxico; 7th, Omar Thieme, Goff.

Shropshire: Sixth, Olive Thieme, Goff.

Southdown: Fourth, Elmer L. Pelton, Raymond.

Fat Cattle

Aberdeen-Angus: Class 1, 9th, Morlyn Albers, Bendena; 10th, Jane Phillips, Eskridge; 11th, Byron Albers, Bendena; 12th, Gene Mott, Zuka. Class 2, 5th, Bill Brown, Dwight; 8th, Elaine Olson, Council Grove; 11th, Donna Albers, Bendena; 12th, Warren Albers, Bendena; 13th, Warren Moore, Gardner; 14th, Larry Watkins, Soldier.

Hereford: Class 3, 6th, Kay Brewer, Waverly; 7th, David Adams, Maple Hill; 8th, Richard L. Guenther, Toronto; 13th, Helen Johnson, Alta Vista. Class 4, 3rd, Marvin Decker, Holton; 9th, Virginia Moore, Gardner; 10th, Beverly Kindler, Esbon; 13th, Junior Plants, Hoyt; 14th, Einar Johnson, Smolan.

Shorthorns: Class 5, 4th, Dale Niels, Dunlap; 9th, Robert Lickterg, Richmond; 12th, Dale Nielsen, Dunlap; 14th, Neva Vann, Carbondale. Class 6, 2nd, Donna Albers, Bendena; 4th, Marilyn Albers, Bendena; 9th, Loren Riley, Holton; 12th, John Scholodder, Jr., Holton; 14th, Mary Ann Scholodder, Holton; 15th, Clarence Todd, Holton.

Fat Hogs

Durocs: Fifth, Joe Meinhardt, Maple Hill; 8th, Marvin Brabb, Alta Vista. Spotted Polands: Second and 3rd, Gary Dalquest, Wilsey.

Berkshires: Eighth, Loraine Ben-thien, Richmond.

Kansas winners in Vocational Agriculture exhibits were:

Sheep

Hampshires: Eighth and 9th, Harry Davis, Lenexa.

Southdowns: First and 7th, Doug Doak, Olathe.

Champion Vocational Agriculture fat lamb was exhibited by Doug Doak, and he won reserve grand champion fat lamb in the junior division. In the

group of 3 lambs from one school, Olathe placed 3rd.

Beef Cattle

Angus Division, Class A, 12th, Frank Hagenbuch, Jr., Lawrence.

Hereford Division, Class C, 5th, Bernard Carlson, Jr., Stockton; 12th, Phil Evans, Jr., Stanley. Class D, 7th, Bob Plank, Olathe.

Shorthorn Division: Eighth, Bernard Carlson, Jr., Stockton.

Placings in the adult divisions of the stock show were:

Herefords

Bulls, calved between January 1 and August 31, 1944: Eighth and 9th places, Foster Farms, Rexford.

Bulls, calved between September 1 and December 31, 1944: Third, CK Ranch, Brookville.

Bulls, calved between September 1 and December 31, 1945, 13th, Kansas State College, Manhattan.

Three bulls owned by exhibitor, 11th, CK Ranch, Brookville.

Two bulls bred and owned by exhibitor, CK Ranch, Brookville.

Heifers, calved between September 1 and December 31, 1944, 10th, Foster Farms, Rexford.

Heifers, calved between January 1 and April 30, 1945, 3rd, Frank R. Condell, El Dorado.

Heifers, calved between September 1 and December 31, 1945, 20th, CK Ranch, Brookville.

Heifers, calved after January 1, 1946, 15th, Foster Farms, Rexford.

Get of Sire, 7th, Frank R. Condell, El Dorado; 15th, Foster Farms, Rexford.

Two females, bred and owned by exhibitor, 15th, Frank R. Condell.

Aberdeen-Angus

Two-year-old bull, 5th, Simon Angus Farms, Maize; 8th, Sunflower Farm, Everest.

Senior yearling bull, 3rd, James B. Hollinger, Chapman; 7th, Simon Angus Farms; 8th, Sunflower Farm.

Junior yearling bull, 5th, James B. Hollinger; 7th, Simon Angus Farms.

Summer yearling bull, 10th, James B. Hollinger.

Senior bull calf, 10th, Sunflower Farm; 15th, Simon Angus Farms.

Junior bull calf, 7th, Simon Angus Farm.

Five bulls any age, owned by exhibitor, 6th, Simon Angus Farm.

Three bulls any age, owned by exhibitor, 7th, James B. Hollinger; 8th, Simon Angus Farm; 10th, Sunflower Farm.

Two bulls, bred and owned by exhibitor, 8th, James B. Hollinger; 11th, Simon Angus Farm; 12th, Sunflower Farm.

Two-year-old heifer, 1st, Simon Angus Farm; 2nd, James B. Hollinger; 7th, Simon Angus Farm.

Senior yearling heifer, 6th, Simon Angus Farm.

Junior yearling heifer, 7th, Simon Angus Farm.

Summer yearling heifer, 9th, James B. Hollinger; 10th, Simon Angus Farm; 11th, Sunflower Farm.

(Continued on Page 12)

Clean Water for Hogs



Here is an excellent automatic hog waterer that any farmer can install. It is a steel barrel imbedded in a concrete feeding floor, and connected by pipe to a float barrel outside the pen where hogs cannot get into it. The float barrel is connected to the water supply tank and provides a constant water level for the hogs. A board across the top of the drinking barrel keeps the hogs out.



"I need new layers but feed's short"

SAID BOB HARREL

"Good range will help feed 'em"

SAID THE COUNTY AGENT

PROSPECTS of a bad feed shortage had Bob Harrel worried plenty last fall.

He needed a flock of pullets to replace layers that were past their prime. But he didn't want to get the chicks if he couldn't be fairly sure he'd get enough feed to raise them right.

Bob believed in planning ahead. So he didn't wait until spring before deciding about his pullets. He called the County Agricultural Agent right away.

"I'm no prophet," the County Agent said, "but anybody can see that feed's going to be shorter than ever. Let me come out and look at your range land. I may have a suggestion that'll help."

The County Agent came out the next day. He looked over Bob's poultry range, tested the soil. Then he and Bob went over a bulletin on poultry-range improvement and picked out a grass and legume mixture to suit the land and to give Bob's chickens the high-protein forage they'd need with less feed. After their talk, Bob was sure he could get his pullets to laying-age in good shape.



Bob limed 20 acres of range, plowed it under, and disked in fertilizer. He sowed it with a mixture of rye grass, timothy, red and Ladino clover.

Bob Harrel put his 5000 pullets on range in early May. The grass was so good that he let them use only 10 acres so he could hay the rest.

"They're the best hens I've ever raised," Bob told the County Agent when he housed his new layers this fall. "My books show that it cost me \$17.50 less a day to feed them than any 5000 birds I've ever

grown. Besides, I cut \$400 worth of hay."

"That figures to a pretty good profit, doesn't it?" said the County Agent.

"A farmer can always figure a good profit on a County Agent's advice," replied Bob Harrel.

All over the country, farmers are getting advice from their County Agents that makes farming better and easier.

Another thing that good farmers are doing to farm better and easier is to make full use of electricity.



SAVE WORK THIS WINTER with a G-E Automatic Stock-tank De-icer

This winter you can keep water before your stock every minute of the day, even in coldest weather, if you have a G-E Stock-tank De-icer.

Plug this de-icer into a 115-volt, a-c, electric outlet, place it in your watering tank. It floats and automatically keeps a hole in the ice to let stock get at the water. No need to fire a stove, chop ice, or insulate tank.

A thermostat keeps the de-icer just warm enough to keep a drinking hole in the ice. It doesn't waste heat by warming the whole tank of water or freeing the entire surface of ice.

"I used the G-E Stock-tank De-icer last winter in an outdoor tank in Vermont," says Henry Lent, Jr., dairy farmer at Grafton, "and the cost was so little it didn't even show up on my power bill. It was no job at all to keep my stock plentifully supplied with water. This stock-tank de-icer certainly saved me hours of cold, disagreeable work."

READILY AVAILABLE

Your G-E dealer can quickly obtain G-E Stock-tank De-icers. Get yours now, in time for winter. Makes a grand Christmas present, too. Farm Industry Div., General Electric Company, Schenectady 5, New York.

\$19.95 anywhere in the United States

The Modern Farm is an Electric Farm!



Electricity on the farm can make life more pleasant and work easier.

If you don't have electricity, get in touch with the electric service supplier in your area.

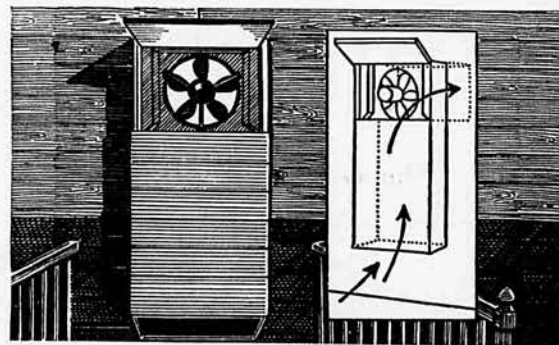
If you already have electricity, get your full value out of it by making it do more jobs for you.

To help build up modern farms electrically continues to be the full-time job of a staff of farm specialists in the G-E Farm Industry Division.



What a help it is to have a G-E Farm Welder when machinery breaks down right while you're in the middle of a job! With this new welder, designed especially to handle farm jobs, you can make many repairs on the spot, also build or improve a lot of your farm machinery.

The G-E arc welder comes with all necessary accessories. It's compact, easy to use and move around. Let your G-E dealer help you decide whether you need the 130- or 180-ampere size. Your electric power supplier will assure you that G-E Farm Welders, which have low power demand, can be used on your farm.



Now's the time to plan and install an electric ventilating system for your barn.

Electric barn ventilation keeps your barn dry, makes it last longer by reducing timber rot. Controlled fresh air also protects the health of your animals, helps keep milk production up. And it makes your barn a more healthful, more comfortable place to work.

An electric barn-ventilating system is easy to install, less than half as expensive as a cupola system. When you plan yours, insist on a fan with a G-E motor. Then, you'll get inexpensive, trouble-free operation.

MORE POWER TO THE AMERICAN FARMER

GENERAL ELECTRIC

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COME ONE!
COME ALL!
ADMISSION FREE

Featuring New Sound Movie
OVER THE RAINBOW
Shows how to plan for a happier, more prosperous future on the farm.

Ask your Sinclair Agent when the Sinclair Farm Meeting will be held in your community. And don't forget that your Sinclair Agent delivers a full line of high-quality Sinclair products direct to farms including Sinclair H-C Gasoline, new Sinclair Opaline Motor Oil, Sinclair Lubricants and Sinclair Rust-O-Lene B Rust Preventive.

SINCLAIR
FARM OILS
Sinclair Refining Company

Genuine
PFISTER
HYBRIDS

WIN 8 OUT OF 10 TIMES
IN 2,325 COMPETITIVE FIELD CHECKS TO AVERAGE
10.8 BU. MORE SHELLED CORN

Kansans Rank High

(Continued from Page 10)

Senior heifer calf, 11th, Simon Angus farm; 12th, Sunflower Farm.
Junior heifer calf, 10th, Simon Angus Farm.

Get of Sire, 4 animals, 7th, Simon Angus Farm; 9th, Sunflower Farm.
Graded herd, 8th, Simon Angus Farm.

Pair of females, bred and owned by exhibitor, 8th, Simon Angus Farm; 14th, Sunflower Farm.

Pair of yearlings, 1 bull and 1 heifer, 9th, James B. Hollinger; 11th, Simon Angus Farm.

Pair of calves, 8th, Sunflower Farm; 11th, Simon Angus Farm.

Shorthorn

Steers calved between January 1 and April 30, 1945, 2nd and 4th, Kansas State College.

Steers calved between May 1 and August 1, 1945, 2nd, Kansas State College.

Steers calved between September 1 and December 31, 1945, 3rd and 4th, Kansas State College.

Group of 3 steers, 2nd and 3rd, Kansas State College.

Bulls calved between September 1 and December 31, 1945, 5th and 9th, Tomson Brothers, Wakarusa.

Heifers calved between September 1 and December 31, 1945, 4th and 11th, Tomson Brothers; 15th, W. W. Widau and Sons, Carbondale.

Get of Sire, 4 animals, owned by exhibitor, 8th, Tomson Brothers.

Two females bred and owned by exhibitor, 10th, Tomson Brothers.

Pair of calves, 8th, Tomson Brothers.

Carlot Feeder Cattle

Hereford, Class 5, 1st, Dan D. Casement, Manhattan. Class 6, 1st and 2nd, Phil Glunt, Maple Hill. Champion load, Dan Casement.

Angus, Class 4, 1st and 3rd, Floyd Ramsey, El Dorado; 2nd, Fred Claussen, Russell. Class 5, 1st and 3rd, Peverly Brothers, Geneseo; 2nd, Fred Claussen; 4th and 5th, Floyd Ramsey. Class 6, 1st, Floyd Ramsey. Champion load of Angus feeder cattle, Peverly Brothers.

Carload feeder heifers, 1st and 4th, Floyd Ramsey.

Grand champion, carload feeder cattle, Dan Casement.

Fat Hogs

Hampshire barrows, between 180 and 220 pounds, 1st, O'Bryan Ranch, Hiattville; between 220 and 260, 2nd, O'Bryan Ranch; between 260 and 300,

2nd and 3rd, also to O'Bryan Ranch. Three barrows, 180 to 220 pounds, 1st, O'Bryan Ranch; 3 barrows, 220 to 260 pounds, 2nd, O'Bryan Ranch; 3 barrows, 260 to 300 pounds, 1st, O'Bryan Ranch.

Champion pen of barrows, O'Bryan Ranch.

Duroc barrows, between 260 and 300 pounds, 1st and 4th, Bar Y Ranch, Baxter Springs.

Three barrows, between 260 and 300 pounds, 1st, Bar Y Ranch.

Poland China barrows, between 180 and 220 pounds, 4th, A. L. Wiswell and Sons, Olathe.

Three barrows, between 180 and 220 pounds, 2nd, A. L. Wiswell and Sons.

Grand champion pen of barrows, O'Bryan Ranch, Hiattville.

Carlot fat barrows, 25 head between 175 and 225 pounds, 1st and 4th, O'Bryan Ranch; 25 head over 225 pounds, 1st, O'Bryan Ranch. Champion load of barrows, O'Bryan Ranch.

Breeding Hogs

Hampshire, senior champion, junior and grand champion boar won by O'Bryan Ranch on Anxiety. Junior boar pig, 3rd place, O'Bryan Ranch.

Aged sow, 1st and 2nd, O'Bryan Ranch. Senior yearling and senior champion sow won by O'Bryan Ranch. Junior yearling sow, 1st and 2nd, O'Bryan Ranch. Senior sow pig, 2nd, O'Bryan Ranch. Junior sow pig, 1st, O'Bryan Ranch. Junior and grand champion sow won by O'Bryan Ranch. Best breeding herd and best produce of dam, O'Bryan Ranch.

Duroc, junior boar, 1st, Bar Y Ranch, Baxter Springs. Junior champion boar, Bar Y Ranch.

Aged sow, 1st and 2nd, Bar Y Ranch. Junior yearling sow, 1st, Bar Y Ranch. Senior champion sow, Bar Y Ranch. Junior sow pig, 1st and 3rd, Bar Y Ranch. Junior and grand champion sow, Bar Y Ranch.

Senior get of sire, 1st, Bar Y Ranch. Produce of dam, 1st, Bar Y Ranch.

The Poland China and Spotted Poland China exhibits were light. Virtually all places in the Poland China show were taken by entries from the A. L. Wiswell and Son Farm, Olathe. In the Spotted Poland China division, the main exhibitor was Glenn H. Hall, Axtell. The large majority of placings went to his entries.

Kansas breeders were not represented in the Chester White division.

The only Kansas winners in the sheep divisions were entered by Kansas State College.

From a Marketing Viewpoint

By C. P. Wilson, Livestock; George Montgomery, Feed Grains; Paul L. Kelley, Poultry, Eggs and Dairy.

Now that price ceilings have been lifted on meat, how long can we expect fed cattle prices to remain high?—E. C.

It is still too early to know for sure how this cattle market is going to settle down. It seems fairly certain, however, that the market for grain-fed cattle will not continue on the current high level for more than 2 or 3 months. The reason these kinds are so high now is that very few of them are available for market. As the new corn crop becomes available and feeders have had a chance to full feed a few months, marketings of grain-fed cattle will begin to increase. It is probable that by mid-January, prices of top-quality cattle will begin to ease off; and by May, prices may be several dollars lower.

I have some wheat I wish to sell between now and the first of May of next year. When do you think would be the best time to sell? I also understand that the Government is going to pay a 30-cents-a-bushel bonus this spring again. When do you think this will take place?—D. E.

Despite the large crop of wheat which was produced this year, supplies of wheat in terminal markets have not been sufficient to meet the demand. With the shortage of boxcars and the reluctance of farmers to sell, it is probable that wheat prices will continue to strengthen gradually for the next month or two. The Government will need to buy additional quantities of wheat for export, and mill de-

mand will probably be active since flour price ceilings have been removed. After the first of the year, wheat may move to market more freely especially if prospects continue favorable for another large crop of winter wheat. Under these circumstances, it appears that the next 60 days may be a desirable time to sell.

A bonus of 30 cents a bushel probably will not be given again this spring. The Government probably will not be under as much pressure to acquire wheat as it was last year, so that renewal of bonus or certificate is not expected.

Will prices of live turkeys be higher during the 1947-48 marketing season than for this season?—D. H.

There are several factors that probably will cause a lower level of prices for live turkeys during the next marketing season. Supplies of beef and pork probably will be more abundant next year which will tend to decrease the demand for turkey meat. A larger number of commodities also may be available for consumers to buy next year. This would result in a relatively fewer dollars of consumer income being spent for food.

Will a turkey-breeding flock prove profitable during the next hatching season?—E. W.

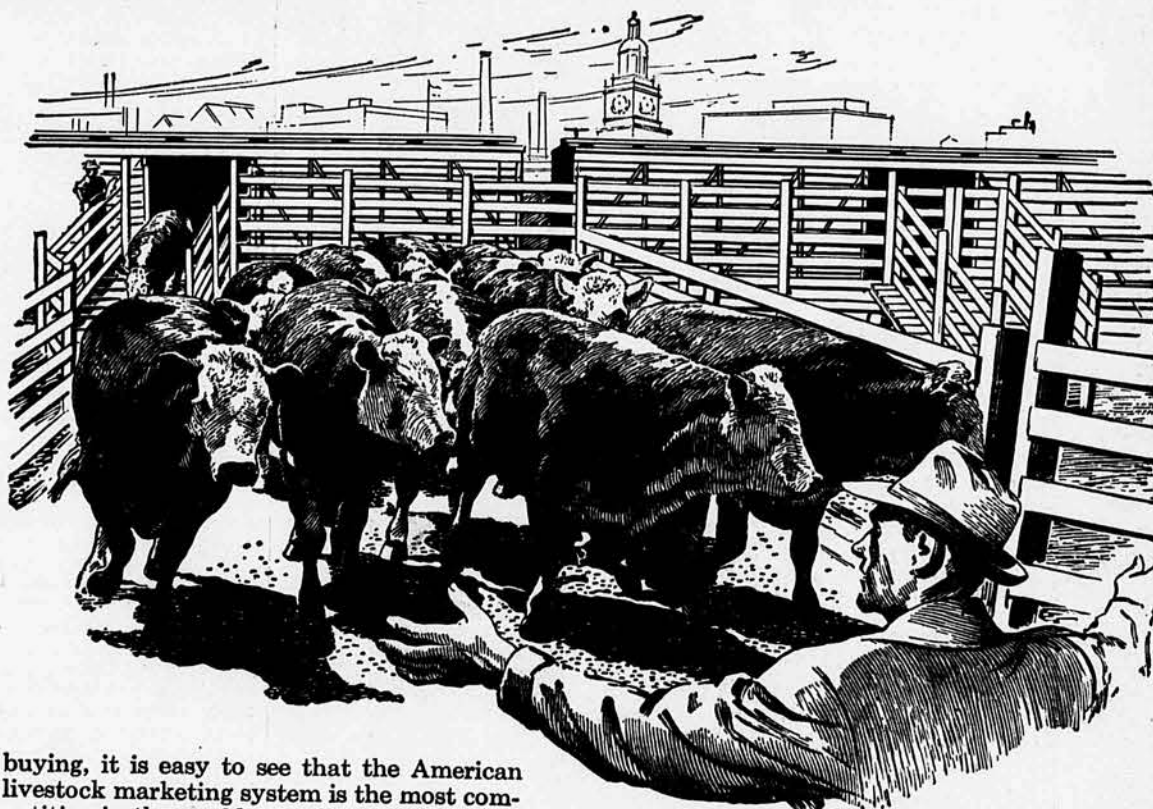
It is possible there will be a strong demand from other states for high-quality turkey hatching eggs produced from healthy farm flocks during the coming hatching season. Such a program of producing hatching eggs will tend to stabilize the turkey enterprise on those farms specializing in turkey production.

HOTELS for LIVESTOCK

The central livestock market is as American as the "hot dog." No other country has the like of it. European sellers and buyers haggle over individual animals. In South America most of the dealing is done right on the *estancias*, where the livestock is raised. But here in the leading livestock nation of the world, for 75 years central markets have played a big part in the job of moving meat toward dinner tables of the United States.

When a carload of livestock rolls off the prairies or out of the mountains into one of the 65 or more great central markets, the animals are "greeted" and "registered" at the unloading dock, much as travelers are received and registered in hotels. From there they are sent to their "rooms"—the pens assigned to the commission man to whom the owner has shipped his animals. There these hogs, cattle, calves and lambs are rested and given food and drink.

Just as hotels compete for guests, so these central markets compete with each other for the business of accommodating the 88 million head of livestock which come in each year. Thousands of livestock buyers and order buyers bid against each other and the sale is made to the highest bidder. With 26,000 meat packers and other commercial slaughterers active in livestock



buying, it is easy to see that the American livestock marketing system is the most competitive in the world.

These "livestock hotels" are a separate branch of the livestock-meat industry. They are privately owned. Swift & Company does not own a single share of any stockyards company.

Thanksgiving

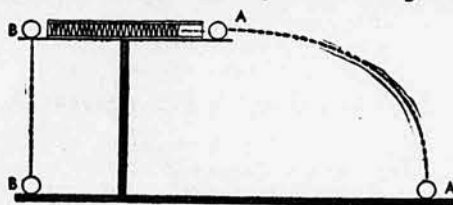
In this Thanksgiving month, the people of our nation—and of many other nations—owe a debt of gratitude to the ranchers and farmers of America. All through the war, in spite of its tremendous requirements, our people ate well. And in spite of sharing with the earth's hungry, our people are still eating well. Today, to be sure, not all the meat they would like to have... but plenty of nutritious food to keep them well and strong. That is because for long years millions of farm and ranch men, women and children have kept the food supply up, working harder than ever before, overcoming shortages of help and machinery and many other obstacles. Yes, Americans may well offer thanks this month to all those who produce our food.

Soda Bill Sez:

...to be a success at farming, you have to dig in.
...if you want to realize that cattle in the air, you had better get down to earth first.



Things Are NOT Always as They Seem



The mechanical device pictured above shoots the ball marked A and at the same instant drops the ball marked B straight down. It certainly looks as if B will hit the ground first, since ball A has so much farther to go. But the fact is that they will both strike the ground at precisely the same instant.

In our business, too, things are not always as they seem. On September 1, 1946, the U. S. Dept. of Agriculture reported that in the entire country there were 356 million pounds of meat stocks in cold storage. That is a lot of pounds. But actually it is the lowest on record for that date... and compares with 626 million a year ago and a 631-million average for 1941-1945. Here in America we eat about 50 million pounds of meat a day, so the September 1 supply of meat in cold storage was barely enough to feed us for seven days.

Martha Logan's Recipe for

APPLE TORTE

Yield: 6 servings

- | | |
|----------------------------|---------------------------|
| 1 tablespoon melted butter | ½ cup sifted flour |
| 1 egg | 2 teaspoons baking powder |
| 4 tart cooking apples | ½ cup nutmeats |
| 1 cup sugar | ½ cup chopped raisins |
| ½ teaspoon vanilla | or dates |

Pare and chop apples. Sift dry ingredients together. Combine all ingredients. Spread in a 9-inch square buttered cake pan. Bake in a moderate oven (350° F.) about 30 minutes, or until apples are soft. Serve hot or cold with foamy or hard sauce.

OUR CITY COUSIN



City Cousin on the farm
Thought that there was little harm
In eating apples by the dozen...
Now he is our sickly cousin!



P. S. Shearer

PREPARATION OF CORN FOR CATTLE FEEDING

by P. S. Shearer
Iowa State College

How should Corn Belt cattle feeders prepare corn to get best results from their feeding? As ear corn, shelled corn, corn-and-cob meal, or ground shelled corn? The following may be helpful in deciding:

1. Are hogs following the cattle? If not, the evidence seems clear that grinding either the whole ear or shelled corn will pay. Feeding ear corn is especially wasteful if hogs are not following the cattle, or if lots are muddy and the hogs have little chance to salvage corn thrown out of the bunks or passed through the steers.

2. Is the corn hard or soft? Corn varieties differ

greatly in hardness of kernel. Grinding hard corn is recommended, whereas grinding might not be needed with softer corn.

3. What will the preparation cost? Costs of shelling and grinding differ from farm to farm due to labor, power and other charges. If the cost exceeds the gains derived, preparation doesn't pay.

4. Will an experienced, careful feeder do the feeding? Corn-and-cob meal is rated as a safer preparation in the hands of inexperienced feeders than either shelled or ground shelled corn.

Corn is a good cattle feed any way it may be prepared and one will not go far wrong with any of the standard preparations. Even our damaged, moldy corn surprised many with its feeding value this past winter.

SWIFT & COMPANY
UNION STOCK YARDS
CHICAGO 9, ILLINOIS

NUTRITION IS OUR BUSINESS—AND YOURS
Right Eating Adds Life to Your Years—and Years to Your Life



SPREAD

When visiting with livestock producers on farms or ranches, or at meetings, the subject of "spread" often comes up for discussion. Then I give them an explanation of the difference between the price they get for livestock and the price we meat packers receive for the meat we sell.

To me it is a source of continual surprise that the spread is not greater than it is. During my years of experience in the livestock-meat industry, here is what I have learned about spread. We at Swift & Company have been paying farmers and ranchers approximately 76¢, on the average, out of every dollar we receive from those to whom we sell, for all products we process and handle, including hides, glands, and all by-products. That leaves us 24¢ to cover the cost of processing and marketing.

Out of the 24¢ comes the cost of buying livestock and other agricultural products. The cost of preparation and refrigeration. The cost of loading them into cars and trucks. The cost of transporting them to our branch houses or to retailers. The cost of branch house operation and of selling and delivering the products to the retail dealers. In addition, we have taxes to pay; plus insurance and all the other necessary costs of doing business. When all these expenses have been paid, we make a profit, which over a period of years has averaged a fraction of a cent a pound on the 6½ billion pounds of products we handle annually.

There is no other business in the country that does so much for so little.

F. M. Simpson.

Agricultural Research Department

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



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

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Western IRRIGATION PUMPS

Kansas Boy at the Top

Placed Ahead of All Other States in Speaking Contest

A KANSAS boy, Marshall Schirer, son of Mr. and Mrs. Clarence Schirer, Newton, was declared first-place winner in the national public-speaking contest at the Victory Convention of the Future Farmers of America, held October 21, at Kansas City, in the main arena of the Municipal Auditorium. Schirer was presented with a check for \$250 by the Future Farmers of America Foundation, Inc. He competed with 4 other lads, Lester Demmin, Hillsboro, Oregon; Theodore L. White, Jr., Madison, Connecticut; Bob Porterfield, Powder Springs, Georgia; and Charles Mounce, Hamak-

napoko, Maui, Hawaii, all winners in regional contest meets held in August this year.

Lester Demmin was second and received a check for \$200; Charles Mounce was third and received \$150; and Bob Porterfield received \$100 as fourth-place winner.

A senior in the Newton high school, Schirer had 3½ years of Vocational Agriculture under the supervision of Ralph Karns, instructor. He took debate under the instruction of Mrs. Alma Moore.

Talking on "Soil: Our Wasted Heritage," Schirer said:

Soil: Our Wasted Heritage

By MARSHALL SCHIRER

MAN has been called the great disturber of nature. Restless in his habits, he has moved over the surface of our globe bending all life to his will; but leaving scars in his wake. Nowhere, perhaps, have his activities been more destructive than to our soils. Everywhere we see the results of thoughtless, careless, or exploitive methods of farming. Gullied and eroded hillsides, thin soil, where only the hardier crops have a chance to survive, and abandoned farmsteads are markers that indicate the burial of our once productive farm land. Ours has been an exploitive type of agriculture and therefore dangerous to the public welfare.

A study of our land-conservation policy shows that much of our land has been exploited. In the South and here in the Midwest, where some of the best land in the world was and is located, there has been an awakening to the tremendous soil losses occurring constantly. Once fertile land is now marginal or abandoned; land under cultivation today will be unfit for cultivation in another decade or so, unless something is done to correct our destructive tillage practices.

In the solution of any problem it is well to determine our position. In 1932 a prominent soil specialist was called to survey a field in Jewell county. He was discouraged to find only 3 to 4 inches of yellowish brown, silty, clay loam surface soil, low in organic matter, and poor in tilth and water retention ability. As the specialist examined the field he began to feel that he had surveyed that same tract before. Suddenly the previous experience came back to him. In 1912, 20 years earlier, he had surveyed the same field. At that time it carried 10 to 12 inches of dark brown silt loam surface soil, high in organic matter and having excellent tilth and water-holding capacity. Thruout the 20 years this field had been farmed without regard to a 2 per cent slope, and in that time had been changed from rich, productive farm land to a worn-out community liability.

Lose Millions of Acres

This field is not an isolated case. In the United States we have 50 million acres of land no longer suited for cultivation; 30 million acres are in the process of abandonment; 10 million acres whose fertility has been seriously depleted; and 11 million acres that are in need of corrective measures to restore them to proper productivity.

Every farmer should be aware of soil losses and their causes. What are they? Water and wind. Water erosion, due to excessive rainfall, perhaps causes the greater damage. A lack of rainfall, the cause of wind erosion resulting in the "black blizzards" of the mid-30's, is a more spectacular altho less destructive cause of loss. Together, water and wind remove not less than 3 billion tons of our Nation's farm land each year. This eroded soil contains the equivalent of 43 million tons of phosphorus, potassium and nitrogen. This is 60 times the amount of these elements purchased by farmers in the United States for use as commercial fertilizer in 1943. If we continue to use farming methods which allow erosion to get out of control, water and wind can remove in a few years topsoil that it took centuries to build. We must prevent this loss if we are to retain our position as a leader among nations. From our soils, plants take a tre-

mendous toll of soil nutrients. Yet do you know that run-off water takes 20 times as much soil nutrients as do the plants for their growth? Why, you may ask, this tremendous emphasis on soil nutrients? These soil nutrients are essential to life itself. A very emphatic reason why we should maintain our land at a high level of fertility is to maintain the health of man and of our farm animals. There is an old adage which states, "You can't make something from nothing." Land in a poor state of fertility cannot produce crops with a high nutritive value nor can we expect animals fed such feed to make satisfactory economic gains or to yield products with a high degree of nutritive value. Dr. William A. Albrecht, noted soil scientist, substantiates this in an article, "The Four Haystacks," written in the 1945 spring edition of The Land.

There are many ways that we can conserve our soil. Probably the most publicized is terracing. The terrace plan is to convert running water into slowly moving water so it will not take so much soil and tear so many runways while moving. It is better if terracing is supported by contour farming, strip-cropping, and other conservation practices.

Contour farming provides us with a plan of making all the rows go around instead of over the hill. Each row, being farmed on the level, becomes a miniature terrace thus causing the depositing of soil and the retarding of run-off water.

Strip-cropping works in much the same way as contour farming. The only difference being that strips of some permanent crop such as sweet clover, alfalfa, or grass are spaced on the contour to prevent soil and water losses.

Sod and cover crops are also soil savers, and have not been fully appreciated. They have been the "poor relation" in many of our farming programs. Too frequently they have been relegated to land too poor for tillage. Consequently, they have not yielded their maximum. However, progressive farmers now consider legumes and grasses as valuable assets in checking erosion, rebuilding land to profitable production, and achieving a balanced-farming program.

All these practices enter into a sound land-conservation policy. All can be put into operation by practical "dirt" farmers without seriously disrupting



Marshall Schirer

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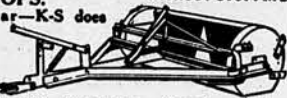
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**LOADS!
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SPREADS!
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ONE MAN moves more dirt quicker. Fills, levels, terraces, excavates. Loads, unloads 3 ways. **NO STOPS.** Patented trip bar—K-S does 25% more, any size tractor. Low cost. See dealer, or write.



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Good Light is Modern Convenience No. 1

You can have good light now. Aladdin offers you steady white, modern light at very low cost—light that's unsurpassed even by electricity for steadiness and whiteness. Aladdin Mantle Lamp is simple and safe—no pumping up, noise, or odor. Lights instantly.

Aladdin Lamp burns only 6% oil, 94% air

Initial expense is low and fuel cost is only about one penny a night. Thirty-three leading Universities testing all types of kerosene lamps, reported that Aladdin gives over twice the light on half the kerosene (coal oil).

Brighten up with Aladdin

Really enjoy studying, reading or sewing with plenty of modern white light from Aladdin. Stop fretting about eye-strain due to dim yellow light. Get Aladdin, the low-cost Kerosene mantle lamp—and have bright light.

If High-Line Comes change Aladdins to electrics

As soon as materials become available your Aladdin Dealer will have a simple little converter that will enable you to change your Aladdin into an electric in a few seconds. So why wait for modern light—why risk your precious eyesight—get an Aladdin Lamp with a beautiful Whip-O-Lite Shade, and begin to enjoy steady, bright, white light, now.

**ALADDIN
Electric Lamps**
Yes, Aladdin has Electric Lamps, too, in modern styles and designs, and with beautiful washable Whip-O-Lite shades to match. Ask your dealer for them by name—Aladdin.

Aladdin LAMPS

their farming programs. In 1928, Wesley Fundis purchased a badly eroded, fertility-depleted farm near Leroy. By use of contouring, erection of terraces with proper outlets, a cropping system that included grasses and legumes, and use of lime and phosphate, Mr. Fundis has increased the production of his tilled fields to more than twice the average for the county, has practically eliminated erosion, and has increased the number of animal units on the farm. He has achieved results in conservation that could be typical. Wesley Fundis is "Mr. Typical Farmer" of America. Upon such achievement as his rests the future of our Nation. Upon such achievement we can retain and rebuild the foundation of America's greatness.

This is a challenge to all Future Farmers of America. We must defend our land with the forces of conservation. America has always had faith in its tomorrow. When Government first subsidized agricultural education it placed an increasing responsibility on all future farmers. It will take a lot of work and planning to maintain our Nation's soils; but when success is achieved we shall be rewarded. The reward will not come in the form of medals, cups or plaques. It will come in the form of more contented, fuller farm life that will guarantee the future of the America of tomorrow. And only when the farmers of our America of today and of tomorrow have fulfilled their obligations will the soil no longer be "Our Wasted Heritage."

Award to Buhler Chapter

The "Gold Emblem" award for outstanding achievement in their farming area has been awarded the Buhler chapter of the Future Farmers of America. It is one of 16 top prize-winning local chapters in the United States. The chapter also won the award in 1944.

A well-planned and well-executed program of work brought this year's award. With major emphasis on food production, members produced 50,581 pounds of meat and poultry, 88,403 pounds of milk, 5,484 dozen eggs and 500 pounds of wool.

Co-operative activities included buying and selling pigs, purebred sheep, minerals, seeds, butterfat, mutton, and wool. The chapter was instrumental in establishing use of certified seed in the community.

As a service to farmers, the boys destroyed 4,765 pests during the year and repaired 75 pieces of farm equipment in the school shop. J. A. Johnson is chapter adviser.

Two Were Chosen

Richard Chase, of El Dorado, and Robert Jones, of Ottawa, were the 2 official delegates for Kansas at the national Victory Convention of the Future Farmers of America, held at Kansas City, Mo., during October.

Delegates reviewed wartime accomplishments of the F. F. A., planned a future program of work, and elected officers for the coming year. Young Chase is serving this year as president, and Jones as vice-president, of the Kansas F. F. A. Association.

A Fine Record

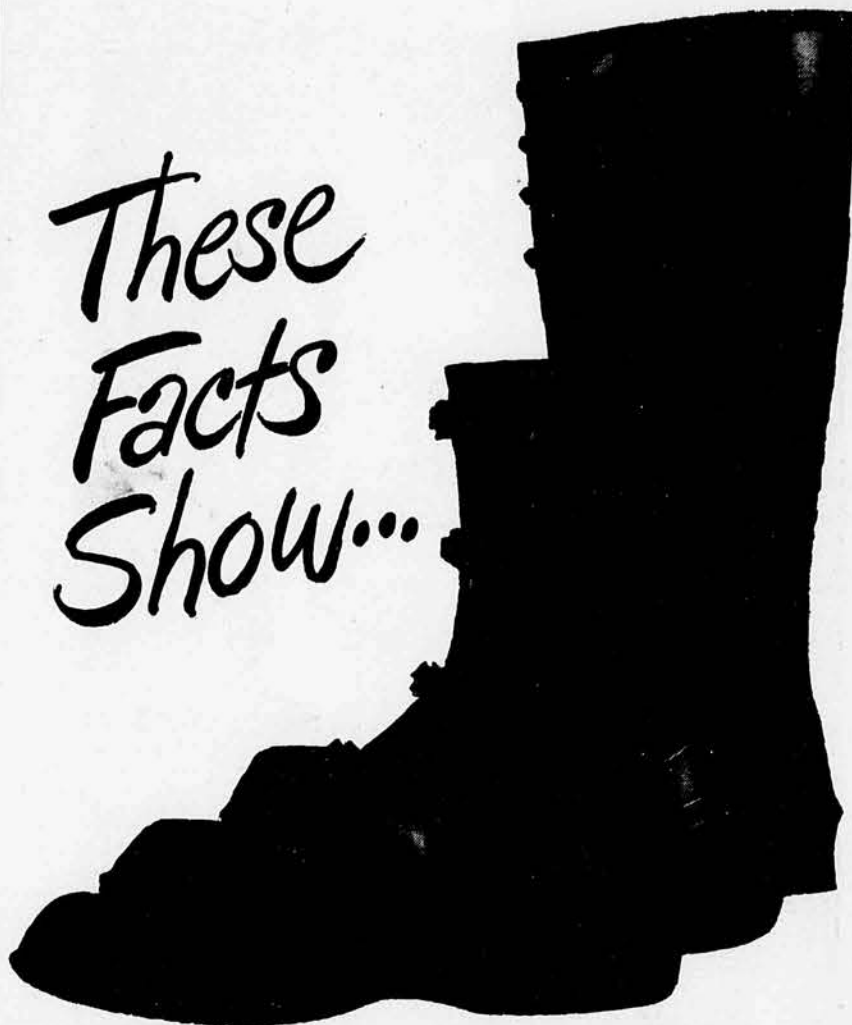
The Kansas Association of Future Farmers of America has a right to be proud of its wartime activities report, made recently at the National Victory Convention in Kansas City.

From 1941 to 1946, the 4,500 Future Farmers in Kansas purchased \$599,120 in War Bonds and Stamps, collected 10,673,423 pounds of scrap iron, 2,391,537 pounds of paper, 60,469 pounds of rags, and 360,440 pounds of rubber.

In food production they have the following record: Beef, 8,769,000 pounds; pork, 6,372,000 pounds; mutton, 288,000 pounds; eggs, 72,720 cases; chickens, 144,000 broilers and 139,000 pullets; turkeys, 38,000; dairy cattle, 2,391 head; milk, 2,160,000 gallons; lamb, 7,980 head; soybeans, 72,000 bushels; corn, 306,000 bushels; wheat, 1,920,000 bushels; hay, 3,432 tons; alfalfa, 3,582 tons; grain sorghum, 738,000 bushels, and 6,759 acres of Victory Gardens.

They repaired a total of 23,354 farm machines and constructed 15,097 pieces of farm equipment. A total of 2,010 volunteer workers were placed on Kansas farms thru their aid, and 1,344 boys served as Victory Farm Volunteers.

These Facts Show...



why they're called "Litentufs"

EXTRA LIGHT... To make those heavy chores around the farm actually seem easier, try the new "Litentuf" farm footwear. Because of special rubber compounding, they're lighter than any footwear we've made in years, but they're still...



EXTRA TOUGH... So tough that wear tests under actual farming conditions have proved that you get longer wear from every pair. There's miles-and-miles of service in all "Litentuf" farm footwear, and they're...

EXTRA STRETCHABLE... Throughout their long life, too! This means they really fit snugly yet are a cinch to get on and off. What's more they're...



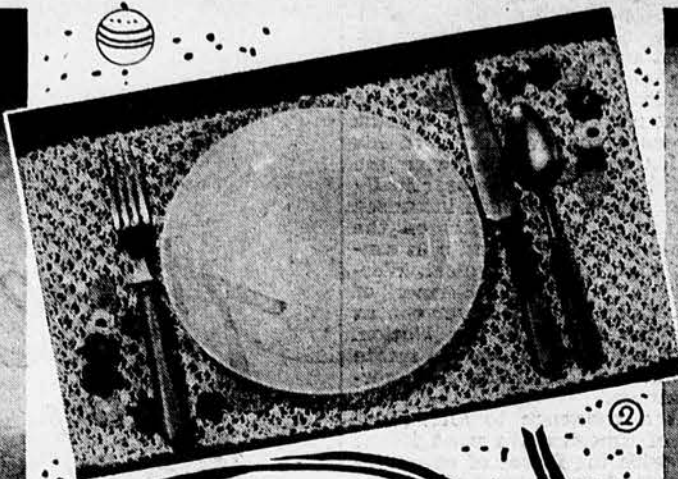
EXTRA COMFORTABLE... You'll find solid comfort in every pair of "Litentufs." This light, tough, stretchable farm footwear is a real buy in comfort and protection no matter what your requirements. Ask for "Litentufs"... you'll find them at your B. F. Goodrich dealer's.



Footwear by
B.F. Goodrich
FIRST IN RUBBER



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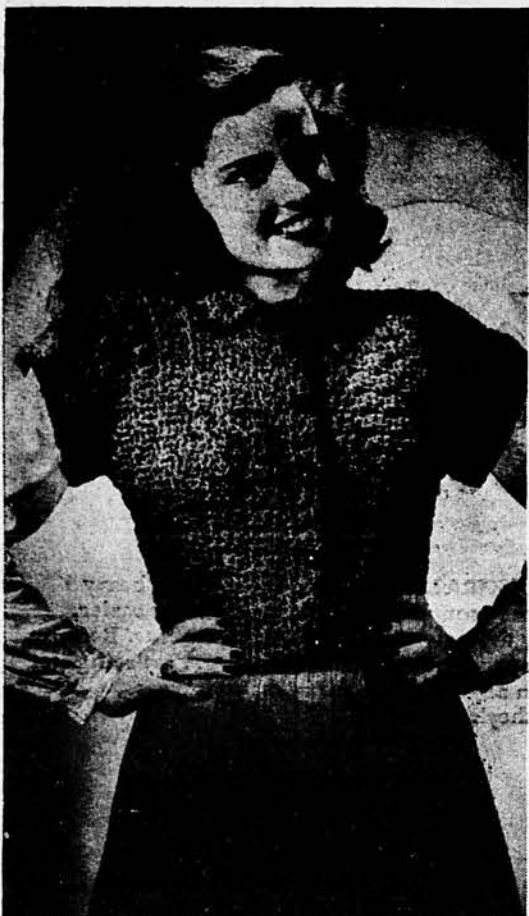
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Plan Ahead for CHRISTMAS

By FLORENCE McKINNEY



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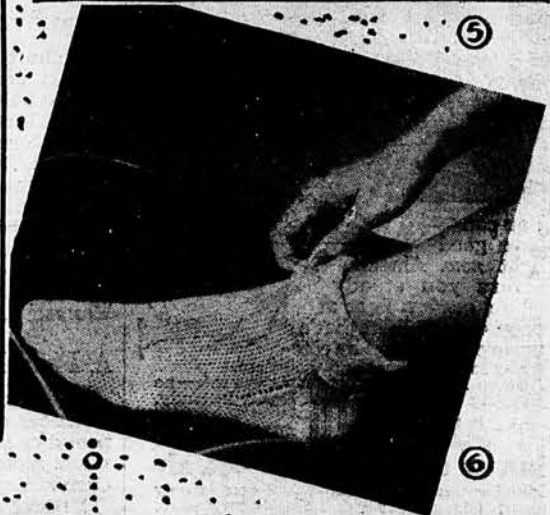
Christmas may seem a long way off, but busy days will fill the time all too quickly. So that you will be ready with gifts on time, we offer 9 suggestions which call for flying fingers in leisure moments.

1. No. PC 3685. Soft, warm and becoming for a winter day is this ascot scarf of lacy wool crochet. Make it in pink, bordered with black.
2. No. PC 2548. The rich-textured surface of this luncheon mat is ecru, finished with a trim border and decorated with flowers.
3. No. PC 3086. Jack Frost will have no chance to bite the fingers of the little girl who carries this crocheted muff. The hat matches, making a set she will adore.
4. No. PC 3516. Crocheted of knitting worsted, this sweater buttons up around the neck and fits snugly under a coat. On any color set it off with black edging and buttons.
5. No. PC 3155. An ever-practical gift suggestion from the women who crochets to the woman who takes pride in her furniture is a chair set in a beautiful filet design.
6. No. PK 3492 A. Ankle socks continue this year as a favorite item in the teen-age wardrobe. Attractive ankle-hugging cable cuffs.
7. No. PC 3585. This table runner is made of handsomely designed crocheted medallions so that it can be made in any size you wish.
8. No. E 1072. You can't go wrong in giving a set of matching place cloths and napkins. It has a geometrical motif in pastel tones and little embroidered flowers.
9. No. PC 3776. Crocheted edgings give a pleasing impression of luxury to your choice linens. Border pillowcases, towels and handkerchiefs with your favorite pattern.

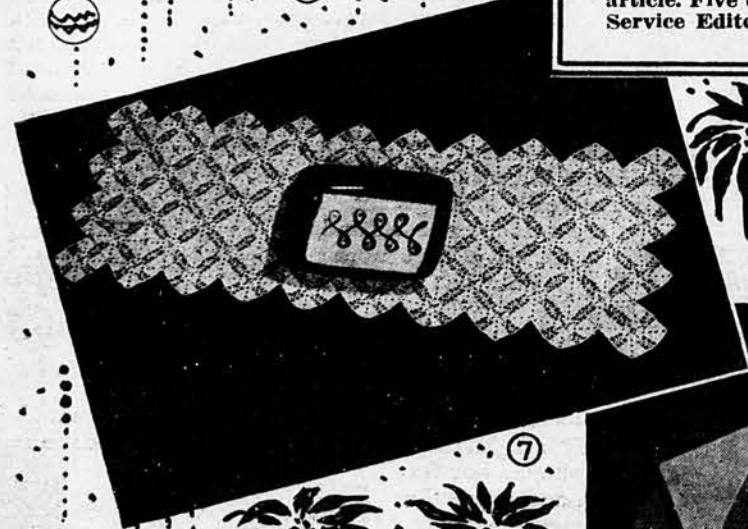
Each leaflet gives directions for making the article. Five cents for each. Write to the Farm Service Editor, Kansas Farmer, Topeka, Kan.



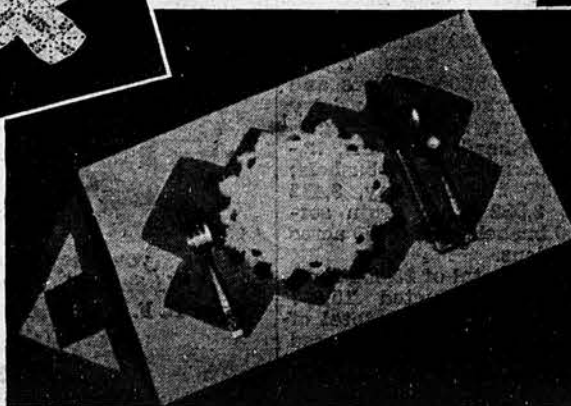
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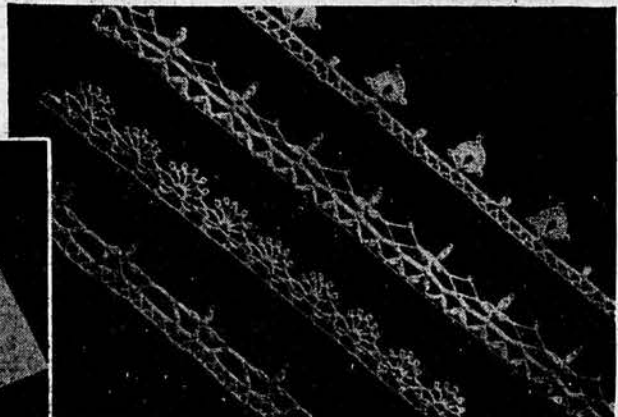
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Have Playroom All Their Own



Beverly Ann, 8, at her miniature electric stove and Larry, 3, busy at his desk in their playroom.

BEVERLY ANN and Larry play happily in a room all their own. Just off the dining room in the Scott Turnbull home, Marshall county, is the children's playroom—for them and them alone. Mrs. Turnbull, a former teacher, says, "Children like to feel they have a playroom they can call their own." For this many-windowed sunny room Mrs. Turnbull has made a complete set of furnishings from otherwise waste material.

The color scheme is blue and pink, the pink being carried out in baby bears which decorate many of the pieces. First, there is a blue chest made from an old wooden box. It now has a drop lid and is full of Beverly Ann's and Larry's toys. It has small pink bears painted on the front. This toy chest is low and serves as a seat as well.

Another box which Larry and Beverly Ann use for dishes now has legs on it and shelves inside, just like mother's kitchen cupboard. An old-fashioned commode is stippled in light blue and pink and in it Beverly Ann keeps her books and game boxes. A large ice-cream carton, Mrs. Turnbull covered with attractive paper, now serves as a playroom wastebasket.

In the doll department a doll bed is painted in pink and blue and to hold the doll clothes there is a decorated half-bushel basket.

Some time ago Mrs. Turnbull bought an old dresser at a sale, took off the legs and mirror, stippled it with pink and blue paint. It comes just up to the window ledge in the playroom. A comfortable rocking chair is decorated in the same colors, book ends made from old license plates bent in the middle and painted, hold the children's books. A child's table covered first with ply-

wood, then linoleum, later stippled, is moved about the playroom wherever needed. Between the playroom and the adjoining dining room stands a folding screen decorated in the pink and light blue color scheme. This closes the room away from the remainder of the house when deemed best. The children have miniature models of adult-size furniture and equipment, an ironing board, a small electric iron, a miniature electric stove and many books and dolls.

Here, Beverly Ann and Larry play when and how they choose. Here, they are learning in keep house, to share playthings, to entertain their friends. It's best for them and for their mother.

Utility Quilts

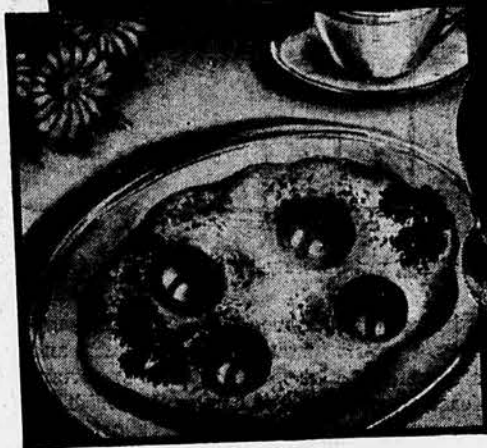
None of my ancestors are Scotch. But for the last 6 or 7 years I have saved all overalls and pants, even tho the fronts were patched until it was difficult to tell the original cloth. There always was good material in the backs, and for a while it looked as if I might have to put some backs together to make some more pants. But since the war has ended and prospects look a bit brighter, I emptied the boxes of old pants on the living-room floor and tore out all the good parts and rolled them into rolls. And, by the way, I kept a good fire in the stove by burning the old worn-out parts. There was enough material for 4 quilt tops. I lined them with outing and tacked them with bright-colored yarn. One folded 3 times makes a good mattress for a cot. They are fine for camping trips.

My "pants" quilts will not take a prize at a county fair, but they do take a prize for keeping out the cold!—By M. L.



In this completely furnished playroom, Larry and Beverly Ann learn to keep house, to share their playthings.

HIS FAVORITE BREAKFAST



EGGS-BAKED IN CREAM!

Butter a baking dish, or brush with bacon grease. Cover bottom with a thin layer of bread crumbs. Drop eggs into dish. Season with salt and pepper. Cover with lightly buttered bread crumbs. Add tablespoon of cream per egg. Bake in moderate oven until eggs set slightly. Serve with bacon . . . and delicious Butter-Nut Coffee! It's a grand breakfast dish!



and
Delicious
Butter-Nut
Coffee

Tastes
Like a Million!



It still costs less than a penny a cup to enjoy Butter-Nut, the most delicious coffee of them all. It is so rich, so robust and satisfying it gives every meal a delightful lift. The reason Butter-Nut has such exceptional flavor is because it is personally and specially selected from thousands of samples of the world's finest mountain-grown coffees. That's why it is first choice in a million homes. Try it! You'll love it!



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GLASS JARS
ARE REAL
FRUIT JARS.
SAVE THEM



Butter-Nut
"The"
Coffee
DELICIOUS

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GOOD LUCK!**

**IT'S NOT LUCK...IT'S
RED STAR
DRY YEAST**

To take the "luck" out of your baking, put the new, quick-rising Red Star Dry Yeast into it!

This granular, dry yeast that keeps fresh for weeks without refrigeration, always works the same way. It starts instantly, works faster, and gives extra flavor. And here's something else that's mighty important these days... Red Star Dry Yeast gives your dough more "rise." That means bigger loaves for the same amount of flour, sugar and shortening.



KAY ROGERS SAYS:

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Write for Bulletin

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A Country Woman's Journal

By MARY SCOTT HAIR

AUTUMN, the season of painted leaves, provides inspiration for more poems and paintings than any other season of the year. And no wonder! The weather, as a rule, is ideal. One sees beauty everywhere. It would, indeed, be a person small in spirit who failed to find inspiration in this colorful pause between a rapidly fading summer and the bleak, cold days ahead.

We know the gay beauty of the outdoors cannot last, so why not let the dishes wait, or put off for a time other chores that seem so all-important and go for a walk, just for the joy of being outdoors?

A bittersweet vine clings to an old fence. Take a few sprigs of these orange-red berries for a winter bouquet but leave more than you take. Cardinals relish them! Gather some bright leaves and perhaps some seed pods.

Wild grapes hang from vines twisted about low trees and bushes. Most of them make delicious juice and jelly. Wild grape jelly is something to dream about. Persimmons are good if there has been enough frost. A buckeye tree provides good-luck tokens, free for the taking. To the small boy the papaw thicket down by the creek is a treasure trove. And, of course, most important of all are the nuts—walnuts, hickory nuts, hazelnuts and butternuts.

Someone reported seeing hundreds of Monarch butterflies pause on the branches of a cedar tree on their southward journey. What a beautiful sight that must have been! Great numbers of them go together on their migration flight to Florida, but they return in the spring in groups of 2 or 3 and sometimes one at a time.

One of our readers writes of the season in this way: "You can hear the rustling of autumn's starched petticoats. A fine misty blanket seems to be trying to conceal the hilltops, and the sun can't quite brush the cobwebby clouds away from his face." Isn't that a lovely way to describe a day in autumn?

Corn shocks and pumpkins belong to autumn. Last spring I read that General MacArthur distributed lots and lots of pumpkin seeds among the Japanese. It seems that the seeds produced a bumper crop and Japanese women and girls are learning ways to prepare and serve pumpkin. I do hope some one will tell little Japanese boys and girls about jack-o'-lanterns!

The big news at our house is that Ernie is home after months in the Philippines. He is very thin and brown and he can't get enough milk to drink.

One thing I've noticed about the boys recently discharged and which I think is good—somewhere along the way, most of them have developed a hobby of some kind. Ernie's is photography and he shows with pride his collection of prints which were finished in their little shop on Luzon. These pictures will be priceless in the years to come.

Among the miscellaneous articles that found their way back across the Pacific in his barracks bag is a copy of "Five Acres and Independence," by M. G. Kains. So homesick was he for his hills of home that he studied this book and dreamed of the time when he'd be back among his own kith and kin, where life is good.

I've heard of people killing others with kindness, but never was I guilty of such conduct until recently. We had 8 late lambs not fat enough for market, yet too big to remain with their mothers. So we moved them to a different pasture where my pet lamb, Cindy, had been staying. The object was, of course, to get them ready for market. Feed was put out in a trough in generous quantities and clover hay in a manger. Apparently they forgot they were lambs and ate like pigs. One died and for 3 days it looked as if we'd lose the others. Verily, experience is a dear teacher.

News got round recently, via the grapevine, that the stores in our town had dried beans for sale. The new crop

had arrived on the market. Everybody bought beans that day—bought them by the pound, 10 pounds and a few large families bought 100-pound sacks. Beans—what would we do without them? A few years ago, I did not dream that a day would come when I'd serve pinto beans for Sunday dinner and hear my guest exclaim, "Oh, beans for dinner, where did you get them?"

Do you have the "Come and see" habit at your house? Or maybe you call it sharing. We do, even to the extent that my favorite mother cat, Beeshea, wakes us up in the middle of the night so we can see the mouse she has caught. Maybe it's the sunlight on the treetops, or a bird or some cute way the kittens pose. But always it is the little, often overlooked things we urge someone—anyone who happens to be near—to come and see.

Much is being written and said these days about friendship among people and nations. I read an editorial recently which stated in part, "Now that the war is many months over, some revival of friendship among peoples may become possible—personal neighborly contacts which make them realize that folk of many nations, regardless of where they live, are all members of the same human race."

Very soon we will observe National Letter Writing Week and one of the best and nicest ways I can think of to observe this period is by writing a letter to a person in another country.

One of the nicest experiences I've ever had is my friendship, via the letter route, with my New Zealand friend Olga Windser. More than 10 years ago we joined an international pen-pal club. Our little club bulletin giving members' names, their hobbies and interests was published in Panama.

Speaking of letters, I would like to express my appreciation to those of you who took time out of your busy days to write me such cheerful, encouraging letters and notes.

It was my turn to clean our little church. Being the sponsor of young people makes me one of them, and so I "do as the Romans do." As I trudged up the hill to our little church a covey of quail, startled by my intrusion, flew up from beside the steps. Others in the tall brown grass close by, joined them. I paused before going inside and all around me was peace and quiet and beauty. Surely it must have been autumn when the psalmist wrote, "I will lift up mine eyes unto the hills from whence cometh my help."

Novel-Hanging Vase

By FLOWER LOVER

Did you raise a variety of those ornamental gourds flower lovers are going in for? If you did, choose a longer-than-wide variety, (a round would do in a pinch) if not, beg or buy one. Then cut or bore holes at an angle, hit-and-miss fashion, in the sides of the gourd. Shellac or paint your gourd a gay color, run a length of cord, or a chain from the dime store thru the neck and hang it against the wall or on a bracket in a window or doorway. It's ready to receive those sprays of bright "winter bouquet" flowers and will add a touch of charm and gayness thru the drab winter months. And wouldn't these make lovely gifts?

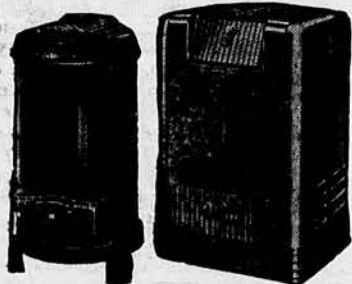
A Pioneer Party

We have just prepared a new leaflet, entitled, "A Pioneer Party," which gives suggestions for any group, large or small. A whole community might well have a pioneer party during the fall or winter. It starts out with ideas for the invitations and continues with decorations, games, contests and refreshments.

Send 3 cents for a copy, to the Entertainment Editor, Kansas Farmer, Topeka.



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Sleep

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AWAY.....

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STUART TABLETS

Aid for Deaf And Deafened

By CHARLES H. LERRIGO, M. D.

WE ARE told that 15 to 20 million people in our land are hard of hearing. However, we know quite well that any statement needing 5 millions for a spread is guesswork. But there is little guesswork in the statement that 600,000 are using hearing aids; and the estimate that each one of us knows 1 to 5 persons who are hard of hearing. Even little children get used to the fact that they must "speak up" when talking to grandpa.



Dr. Lerrigo

The best knowledge about deafness is that something can be done about it. That becomes more apparent each year since hearing aids have come into common use. Deafened persons are no longer shut away from social privileges. Theaters are equipped with hearing aids, public halls are wired so that a "mike" carries speech to the remote seats, telephones have special connection for use by the deafened. All of these advantages are promoted by the American Hearing Society, 480 Lexington Ave., New York 17, N. Y., and once more the President of the United States at their request has proclaimed a National Hearing Week. This year it is November 10 to 16.

The American Hearing Society serves as a national information center. It is definitely reliable, having proved its worth thru many years of service. Main points in its program of work are:

1. Distributes hearing aids to children whose parents cannot afford to purchase them.
2. Encourages establishment of hearing-conservation programs in schools, and helps to obtain state and national legislation for hard-of-hearing children.
3. Collects information relating to the causes of deafness and treatment for deafness.
4. Stimulates scientific efforts in the prevention of deafness and the conservation of hearing.
5. Encourages the mastery of lip-reading, the use of reliable hearing aids, voice improvement, and the correction of speech defects.

My special letter, "Hints About Deafness," may serve you well. It will be sent free to any subscriber who sends the request with an envelope addressed to himself and bearing a 3-cent stamp, to Dr. C. H. Lerrigo, Kansas Farmer, Topeka, Kansas.

Opens Drainpipe

When our kitchen sink stopped up, we took an old innertube and cut out a circle about 6 inches in diameter that contained the valve stem. We then wet the rubber and held it tightly over the drain in the sink while another applied the automobile pump.—X. Y. Z.

Safety First

A good way to prevent children from locking themselves in the bathroom is to place the doorknob and lock at least a foot higher than on other doors.—T. F.

Two Plays

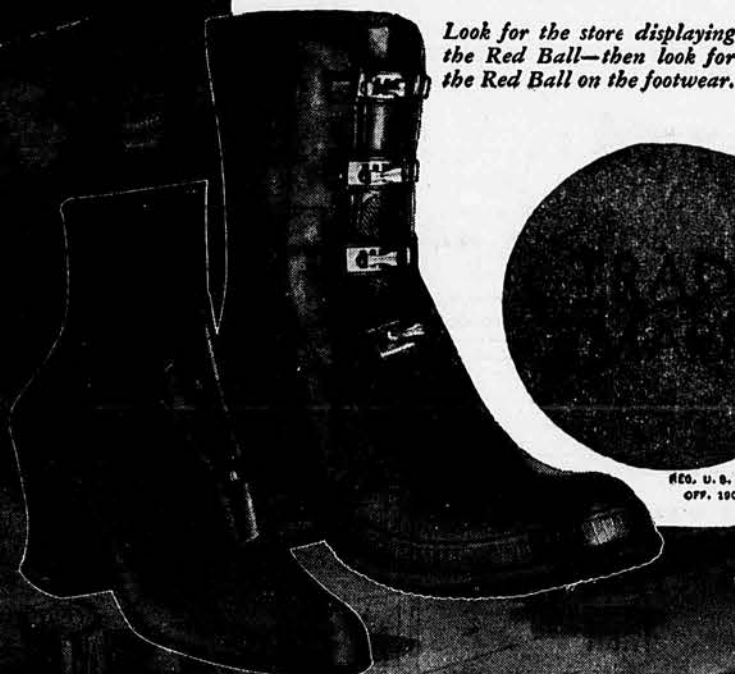
Plays always are popular for community programs and provide good entertainment. And they are especially good for school programs. There are lots of laughs and lots of fun in these 2 plays.

"Hitch Your Family to a Star" is a 1-act comedy. Parts for 5 people, 2 male and 3 female characters. One copy of the play, 10c; 6 copies, 25c.

"Angel Without Wings" is a 1-act comedy. Parts for 10 people, 5 male and 5 female characters. One copy of the play, 10c; 11 copies, 35c. Address Entertainment Editor, Kansas Farmer, Topeka.

For long wear and quality...

Raw, November winds and freezing cold rain makes farm chores a doubly tough job! But when you wear BALL-BAND rubber footwear, you're always sure of keeping your shoes dry and your feet warm. To millions of wearers... this famous name has stood for dependable service... lasting comfort... and waterproof protection through every kind of bad weather. Ask for BALL-BAND—at better stores everywhere.



Look for the store displaying the Red Ball—then look for the Red Ball on the footwear.

REG. U. S. PAT. OFF. 1901

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LOOK FOR THIS "Multi-Perfected" BAG AT YOUR DEALERS!



There IS a Tailor-Made Variety to Fit Your Needs

Check with your dealer which one of Multi-Perfected's "Big Six" (Nos. 813, 800, 615, 405, 613 and 608) or our other varieties is the exact, ideal hybrid seed for Your Soil, rich, average or thin—for Your Maturity, medium, later or early. Have him explain why M-P (Multi-Perfected) MEANS Many Perfections, as well as More Profit from More Production. Always look for the families Standard's Multi-Perfected Bag—it's your protection. Ask or write for our new, colored circular "A Panorama of Progress."

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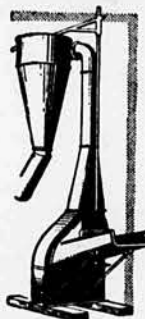
A thousand pounds or more 3 or 4 times a minute will move a lot of material. A year 'round labor saver if you move dirt or manure. The sweep-rake stacker puts up hay from windrow to stack. Does more work than 6 men.

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Manufacturers of Farm Machinery
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DOUBLE DUTY GRINDER



Here's the grinder you have always wanted. Grinds all grain, roughage and ensilage—fills silos. Only one moving part. Requires very little power. It's economical.

This issue of
KANSAS FARMER
will be read by more
than
121,000
Farm Families

130 EGGS A DAY INSTEAD OF 23

Mrs. Wm. J. Turvey, poultry raiser in the far north state of Washington, tells an interesting story of increased egg production. She says: "I have 178 chickens. In November, their appearance was poor, and I was getting 19 to 23 eggs a day. I started giving Don Sung in their feed. Now, in December, I am getting 130 eggs a day, and my flock is livelier and looks much better. Surprised isn't the word—I'm really amazed at the change in my flock."

Will you do as well? We don't know. But we do know that you mustn't expect eggs from hens that are weak, under-vitalized and lazy. When flocks are deficient in manganese, and other essential elements which laying hens require, and which are necessary to pep-up egg production, Don Sung supplies these essential mineral supplements. It does not force or hurt the hen in any way. Why not try Don Sung for your flock? Send 50c for a trial package (or \$1 for the large size holding 3 times as much) to Burrell-Dugger Co., 935 Postal Station Bldg., Indianapolis, 4, Ind. Don Sung must show you a profit or your money will be refunded. Start giving Don Sung to your flock now.

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Blue Valley
YELLOW and WHITE
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The finest line of high yielding varieties... the best quality seed we have ever offered. Two grades. Two prices. There's a Lauber Blue Valley Hybrid that will set new yield records on your farm.

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WRITE FOR MY NEW HYBRID CATALOG!



Produced by the **LAUBER SEED FARMS** GENEVA, NEBRASKA

Doesn't Like It

Dear Editor—The GI Bill of Rights is a bill of propaganda, dreamed up in time of war to keep up the morale of the soldiers. It is possible to get a home loan by giving a contractor a large profit to build a new one, then it is keep up the payments or get foreclosed and set out. The schooling may help the young ones—not us older ones. The stay-at-homes begrudge us the readjustment allowance. The ones that didn't have a chance to use up their furlough time are forced to take long-time Bonds for pay.—Elmer N. Hood, Ordway, Colo.

If Leghorns Talked

Dear Editor: This year this is what my Leghorns could say: We began the laying season being fed twice daily, morning and evening, roaming at will the whole day. We enjoyed this immensely as running at large was new to us, as we were raised in a large room of our owner's home. When we were moved to the henhouse it was nice and cozy until we noticed something crawling over our bodies at night. The missus was complaining of our not producing enough eggs and too many greenish yolks, so she had some changes made.

We were henceforth given all of our feed in the morning to eat when we chose. Oyster shell, and clean, cool water in abundance, close to the nests and in other fountains also. And, woe is us! She kept the door closed; however, there was plenty of air circulating thru screened windows. We were kept up until noon or after, when we were allowed the run of the farm. Of course, the most of us had our day's work done by that time, and we could get all the green grass we needed. We found many stray grains around barn and feed lots, and soon we were not hanging around for the evening feeding.

Soon, our missus was smiling approval. Said we had come up a lot in production and the eggs were of better quality, too, no "green" yolks. She declares she keeps us for "both production and quality."—Mrs. A. L. M., Jefferson Co.

We Save the Pigs

Dear Editor: We hear so much about saving food and the scarcity of meat, I thought I would write about our experience. We raise little pigs that have been unable to live and grow on the sow's milk. Sometimes there are too many pigs for one sow to feed. Sometimes the sow has milk fever and the milk dries up. Sometimes one or two are pushed out by the stronger pigs, or a sow may have only one or two pigs in which case it is not profitable to leave pigs with sow.

We have raised a number of little pigs on cow's milk. We usually let the milk sour until it is thick, then stir to break the curds and spoon a few spoonfuls in the pig's mouth. After a few feedings with the spoon the pig will drink from a pan. The baby pig must be fed every few hours until it gets a start. If the pig does not seem to be regulated just right we put a little charcoal in the milk.

We raised a pig last winter that was a few days old when it was pushed out of the nest and it was so chilled it could not make a sound. We fed it sweet cows milk and part water. I do not believe a baby pig can live on sweet milk without some water added to the milk. One time the sow had milk fever and we raised the 7 pigs on sour milk. It is necessary to keep milk and pigs as sanitary as possible, and the feeding pan away from flies and filth.

If the weather is cold the pig must be put in a warm place and not be exposed to sudden changes of temperature.—Mrs. Lilly Daniels, Bourbon Co.

Decide at Leisure

Dear Editor: In my opinion, no one can afford to borrow a large percentage of the money to pay for a farm at present inflated prices. Veterans should try to rent for a few years and decide at leisure just where to locate permanently. But a person with money to invest might find farm land values as stable as any other values in these times.

Better understanding and co-operation are needed between farm owners and renters. A contract should be written stating plainly what each expects of the other in crop division,

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Trapping PAYS BIG MONEY. This book gives methods and laws. Book and Fur Price Lists ... FREE

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SWEEPS • LOADS STACKS ANY CROP YOU CAN MOW!

One person with tractor or truck sweeps, loads wagons, stacks, gathers hay, beans, combined straw from swath, windrow, bunch or shock. JAYHAWK elevates automatically; carries; dumps from any height. ATTACHED or DETACHED in two minutes! Steel construction, the best in 43 years of leadership. Priced to pay for itself quickly.

DELIVERY NOW! Limited number machines available this fall only. Write quickly for prices and FREE CATALOG of all JAYHAWK products, including popular Tractor Sweep Rake. Address

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New Hot Air Deflector TRACTOR HEATER
KEEPS OPERATOR WARM ON COLD DAYS

COMFORT COVER
SAVES TIME usually lost due to excessive cold—work MORE DAYS, MORE NIGHTS when necessary. Deflects motor heat that envelopes operator who regulates amount of heat desired—no enclosure to obstruct vision. Ideal for all draw bar work. 29 MODELS individually tailored from heavy treated duck. ON or OFF in a jiffy. IT SAVES work days formerly lost—quickly pays for itself. See your Implement Dealer, Farm Supply Store or WRITE TODAY for folder describing 12 unusual features and price.

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tells of crippled children made whole! Of sad parents made happy! It tells how you may help in this expanding program of healing. Write for your free copy of the story today.

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22 STORIES OF FRIENDLY HOSPITALITY
KANSAS CITY

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SMOOTH GOING! WITH THE MODERN STAHLER FERTILIZER AND LIME SPREADER



***Proved
Performance**

THE ONLY SPREADER WITH THE EXCLUSIVE "AGITATOR" FEATURE

This is it! The fertilizer you're sure to want when you see it in action. The feature that draws top interest is Stahl's contribution to peak performance... the newly engineered agitators. See how special auger type discs are built into "proved performance" revolving agitators. They keep the hopper bottom clean and force fertilizer out of the openings... pulverize lumps and spread uniformly. Quickly regulated, the Stahl distributes from about 100 to 8000 lbs. per acre and spreads an 8-foot width of fertilizer only 6 inches from the ground.

The hopper has 800 to 1000 lbs. capacity—built of 12 gauge hot rolled steel—all in one piece with welded-in ends. Extra heavy axles carry specially designed wheels using standard tires. Wide wheels without tires may be had, if desired. The Stahl is easy to use, easy to clean and maintain. Additional structural features make the Stahl an ultra-modern, top quality fertilizer at a low cost.



WRITE FOR FREE ILLUSTRATED FOLDER
AND NAME OF YOUR NEAREST DEALER

STAHLER FARM EQUIPMENT CO.
135 South La Salle Street
Chicago 3, Illinois

This Home-Mixed Syrup Relieves Coughs Quickly

Needs No Cooking. Saves Money.

The surprise of your life is waiting for you, in your own kitchen, when it comes to the relief of coughs due to colds. In just a moment, you can mix a cough syrup that gives you about four times as much for your money.

Make a syrup by stirring 2 cups of granulated sugar and one cup of water a few moments, until dissolved. No cooking needed—it's no trouble at all. Or you can use corn syrup or liquid honey, instead of sugar syrup. Then put 2½ ounces of Pinex (obtained from any druggist) into a pint bottle. Fill up with your syrup, and you have a full pint of really wonderful cough medicine. It never spoils, lasts a family a long time, and children love it.

This home mixture takes right hold of a cough in a way that means business. It loosens the phlegm, soothes the irritated membranes, and quickly eases soreness and difficult breathing.

Pinex is a special compound of proven ingredients, in concentrated form, well known for quick action in coughs and bronchial irritations. Money refunded if it doesn't please you in every way.

farm upkeep, livestock handling, and other matters. Longer term renting is a help, too, in keeping a tenant interested in building up soil fertility and other improvements. But the landlord should be protected against a tenant who would take advantage of a several-year rental period by any exploitation. If he is doing this, in the opinion of several disinterested judges, the owner should be able to put him off the farm immediately. With this protection, landlords would be more eager to rent out their land for several years to good tenants.

Naturally, my viewpoint is that of the tenant. For 4 years we were tenant-farmers, until 2 hails and a drought forced my husband to work again as a farm laborer. It hurts a real farmer to see the stubble burned off, the land pulverized so finely that it must blow, or wheat overgrazed—just because some "suitcase farmer" wants to get the most profit with the least work from all the land he can buy or rent. And too many do.

During the war, farms had to grow larger. The big farmers had good average crop years, and Government supported prices for products. They should make way now for the veterans and others who want to buy or rent smaller farms. It will take more intensive farming and conservation to keep Western Kansas from starting another "dust bowl." We must hold our soil.

I think these family-size farms are the best hedges against inflation and deflation. A farmer who is not deeply in debt, who with his family's help can do all necessary work, who raises nearly all his food—he can be pretty certain to "ride out the storm."—Mrs. Ruth S. Cooper, Sherman Co.

High Degree To Kansans

THE American Farmer Degree for 1946 has been awarded to Frederick Kissinger, of Ottawa, and to Allen Windhorst, of Wells. These 2 young Kansas farmers received their degrees at the Future Farmers of America National Victory Convention, October 21, at Kansas City. There were 178 such degrees awarded among more than 200,000 vocational agriculture students in the United States.

To be eligible, a candidate must have completed at least 3 years of high school Vocational Agriculture with high scholarship; must be actually launched on a successful farming enterprise embodying modern, scientific practices and efficient record keeping, and must be outstanding in his school, community and state's rural life in leadership, community service and agricultural activities.

Kissinger is the son of Mr. and Mrs. H. A. Kissinger, and was graduated from Ottawa high school in 1945.

Starting with a beginning inventory of \$284.02 as a freshman enrolled in Vocational Agriculture, he finished his senior year with a net worth of \$3,877.66. S. S. Bergsma was his instructor.

Windhorst is a son of Mr. and Mrs. Ernest Windhorst. He started his supervised farming program at Minneapolis under supervision of Joe Greene. His net worth was \$441.72. On January 1, 1946, his net worth had increased to \$3,145.03. His present instructor is J. Willis Jordon.

BUMPER CROP

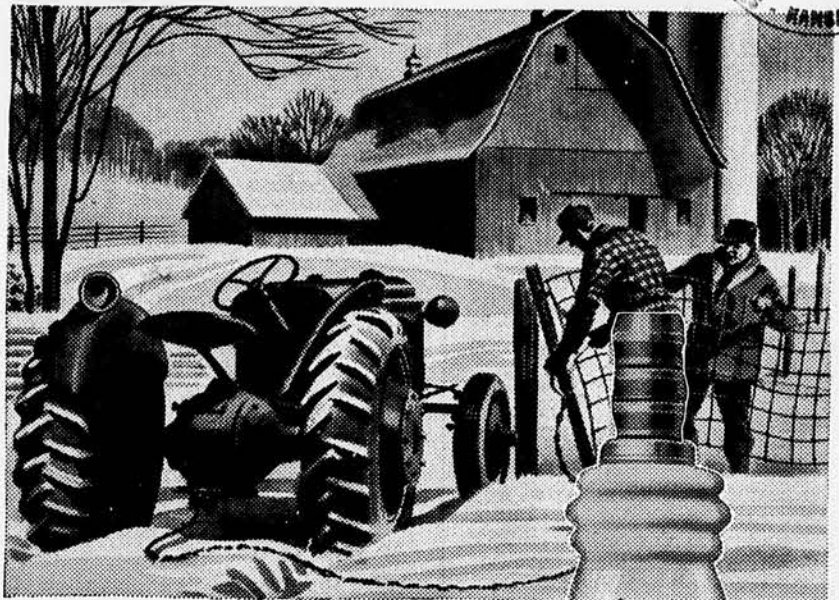


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AT IDLING SPEED OR UNDER LOAD, TODAY'S AC PLUGS ARE BETTER

NOV 2 1946

(a plus value of "Wider Heat Range per plug")



Long idling periods followed by full-power loads give tractor spark plugs a severe test. AC's improved plugs overcome such difficult operating conditions through many engineering advantages, including ceramic insulators made from an AC material so superior that it formed the basis for the plugs used in bombers and fighter planes in World War II.

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AC SPARK PLUG DIVISION
GENERAL MOTORS CORPORATION



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CARBOLA-DDT Disinfecting White Paint

CLEAN UP NOW

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1. Kills flies and other insects
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3. Makes walls SNOW WHITE in compliance with Board of Health regulations.

Used as paint, it costs about 3 cents to treat 25 sq. ft. with Carbola-DDT. You simply mix powder with water and brush or spray on walls, ceilings of barns, poultry houses, other buildings. No oil, no fire risk. Paint cellar, too.

Germ-killing disinfectant helps prevent Bangs disease, tuberculosis, diphtheria and other diseases of cows, poultry, swine.

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Ideal winter dry dip for cows. Keeps down flies and helps against lice. Means more milk.

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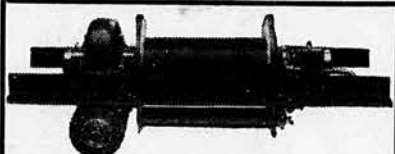
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Take-Off, Line Shaft and
Two U-Joints**

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820 E. Harry, Wichita 11, Kan.

Thought About Seizing Cattle

(Continued from Page 4)

to use for export. The wheat directive, which was rescinded later, may have been a trial balloon, to see how farmers would react toward such treatment. The directive was not popular in the Wheat Belt.

Another proposal for mitigating the meat shortage in industrial centers—and to get cheaper meats for city consumers, particularly along the Atlantic seaboard—is that the President, using the same wartime emergency measures to which President Truman referred in his "meat surrender" speech, revoke the statutory embargo on imports of chilled and dressed beef carcasses from the Argentine.

Following the post-World War I epidemic of foot-and-mouth disease among cattle in the United States, Secretary of Agriculture William M. Jardine (former President of Kansas State College at Manhattan), issued a sanitary embargo against imports of live cattle, chilled or dressed beef, from countries where foot-and-mouth disease was prevalent. The order was directed against Argentine cattle primarily.

Later, in the Tariff Act of 1930, Congress wrote the prohibition, or embargo, into law, and it still is law.

Was a Dangerous Idea

Until the President's explanation of why he did not use his wartime emergency powers to requisition cattle for slaughter to meet the meat shortage, it was more or less taken for granted that he would not even consider using his wartime emergency powers to repeal, in effect, an express statute of Congress. But his statement that the reason cattle were not requisitioned (after long and serious consideration) was only because it was considered impracticable, has given rise to speculation that the President might suspend the foot-and-mouth disease embargo.

The matter of "practicability," rather than regard for statutory law or risk of destruction of thousands of cattle and later serious reduction in domestic meat supplies, may work against any such decision, however. Argentine, in the months immediately ahead, could not supply any great amount of beef to the United States. The bulk of its production for months to come has been set aside for Britain. But the Argentine government would go to almost any lengths to get even the smallest kind of wedge under the U. S. sanitary embargo.

Coincident with decontrolling meat and livestock price controls, an executive directive embargo against importation of cattle from Mexico was lifted. This embargo was imposed last spring, when it was discovered that the Secretary of Agriculture of Mexico—in his capacity as an individual—had purchased a number of bulls from the Argentine, held them for a while on an island off the Mexican coast, and then sold them to Texans. The whole thing threatened an "international incident" for a while. But apparently the Secretary of Agriculture of the U. S. has been satisfied, or persuaded, that danger of foot-and-mouth disease via Mexico no longer exists.

But the American livestock men are rather nervous over lifting the Mexican embargo, to say nothing of their alarm over the Argentine possibilities.

Would End Emergency Powers

Net result from all this probably will be that the farm representatives from the Midwest and West will spearhead a "private enterprise" drive early in the next session of Congress for a concurrent resolution declaring the war ended. Adoption of such a resolution (not requiring approval by the President) would automatically set an expiration date for most of the wartime emergency powers of the President. The President himself could get the same result by presidential proclamation, without going to the Congress. Considering the evident and understandable desire of the Administration to keep all the emergency powers possible, the President is not likely to issue such a proclamation, unless it becomes evident that Congress intends to act.

The State, War, and Navy departments are anxious not to have the war

officially ended until they can get new legislation covering army and navy organization, and use of American armed forces in occupied territory. Official end of the war would place the army under legislation enacted in 1920; navy would go back to statute enacted in 1915.

The President's general emergency powers would be taken from him and hundreds of emergency statutes enacted during the war period would come to an end 6 months after the date of the declaration or proclamation. Plant seizure authority would end in 6 months; consumer-credit controls would end immediately.

Support of prices for most farm commodities—generally at 90 per cent of parity—is provided by statute for 2 calendar years after the war is ended officially. The end is expected almost certainly sometime during 1947, which means farm-price supports (making allowance for government chiseling by regulations limiting maximum quantity production for which support will be maintained) are assured by law for all of 1948 and 1949 calendar years.

When They Will End

Termination dates for major controls not dependent upon official ending of the war include:

Transportation controls (emergency) for the most part expire April 1, unless renewed.

Export controls last thru next June, although probably many of them will be voluntarily removed before that time.

Selective service has been authorized thru next March. Volunteers are filling requirements so well that no more drafts may be necessary. Army and navy, however, will drive for a universal training (and service) act before the draft act expires, without much chance of success unless a big enough war scare can be conjured up between now and March 31—and kept alive.

Authority for housing controls—building controls, materials priorities and allocations, premium payments (subsidies) and guaranteed markets for prefabricated houses—has congressional approval thru all of 1947.

Priorities and allocations for other now controlled materials are slated to end March 31. CPA's John D. Small indicates he wants to scrap most of them even before then, but the administration planners are against him on that—and these agree generally that they will have to have a further extension for lead, tin, and some other critical materials.

Present indications are that most price controls, although authorized until next June 30, will have been scrapped before that time. Food and drink controls, except sugar, rice, and a list of sirups, all went by the board rapidly once meat and livestock were decontrolled.

Sugar rationing is in prospect at least thru 1947—possibly longer.

Rent controls appear assured at least thru next June. Owners of rental property are in such a decided minority compared to renters, that rent controls rate high in popularity, although there is ample reason to believe that holding rents down to points satisfactory to tenants is adding to the duration of the housing shortage.

In the meantime, farmers are beginning to wonder whether their real interest in a comparatively short time will not be in price floors instead of price ceilings. Slow and very low bidding in registered bulls at the Kansas City Royal last week may register a falling barometer.

A Harvest Party

Suggestions for a party in the fall of the year are made in our leaflet, "A Harvest Party." There are ideas on invitations, decorations, games and refreshments for an inexpensive yet interesting and lively party. Send 3c for a copy of the leaflet, to Entertainment Editor, Kansas Farmer, Topeka.

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Use Easthills Pheno-Nicotine Tabs for the treatment of chickens and turkeys for expulsion of cecal worms and large for expulsiun of cecal worms. Full instructions furnished. See your dealer, or order direct.

100 Pheno-Nicotine Tabs only \$1.00
300 Pheno-Nicotine Tabs only \$2.50

DANNEN MILLS, St. Joseph, Mo.
Easthills Farm REMEDIES
FOR LIVESTOCK AND POULTRY

Turkey Market Good

The heavy storage supplies of 54 million pounds of turkey meat as of September 1 are not expected to adversely affect the strength of this season's turkey market, states Karl Shoemaker, Kansas State College extension marketing economist.

Mr. Shoemaker urges growers not to get anxious and market their birds before they are finished. "Let us keep turkeys in the good graces of the consumer by giving good quality, well-finished turkeys," is his advice.

Lifting controls on red meat may alter the turkey market possibilities to some extent, but a continued shortage of all types of meat seems to be certain for some time.

Get Quality Egg Price

Mrs. B. A. Reichert, McPherson county, always has taken good care of eggs, but this year is getting from 4 to 6 cents a dozen above market price. She is selling quality eggs on a grade basis. Altho she always cleaned eggs before sending them to market and has taken care to cool them properly before placing them in a crate, this is the first year she is being paid for the precautions. It makes a substantial increase in egg returns.

Mr. and Mrs. Reichert have a flock of about 200 White Roman layers. They have used this breed of chickens for 5 years and report they have been very satisfactory.

More Pay for Eggs

There is additional profit from a laying flock when the eggs are sold for hatching purposes. Mr. and Mrs. Lowell Garst, McPherson county, have been selling White Rock hatching eggs for 2 years. It means 15 cents a dozen above market price for nearly 6 months out of the year.

They maintain a laying flock of 200 hens. Each fall pullets are added to the flock and the old layers are removed.

Unable to get necessary materials to build modern poultry houses and equipment, Mr. and Mrs. Garst show that a good job can be done with a farm flock of poultry with old equipment.

Gets Double Premium

Selling hatching eggs in spring and graded eggs the remainder of the year boosts poultry returns, according to Mrs. Ed Unruh, Marion county. With this program the net egg income from a flock of 200 White Leghorns pays the grocery bill thruout the year.

Mrs. Unruh keeps Australorpe males and sells hatching eggs for Austral-White layers to be used in other flocks in that area. When hatching season is over, Mrs. Unruh continues to take good care of eggs and sells them for grade A prices.

It requires extra work to meet hatching and grade A requirements, but Mrs. Unruh says it is worth the difference.

Pullets Need Care

Wait for pullets to lay before feeding them and you will continue to wait for eggs. That is the opinion of John F. Goertz, Marion county, who keeps a flock of about 350 pullets each fall as a side line to his general farming.

To get his pullets into production early, he feeds wet mash summer and winter. He uses a mash of corn, oats, and wheat and mixes it with clabber milk in summer. Sweet milk is used in winter.

Mr. Goertz has a commercial laying flock and uses crossed breeds. Last year he had Austra-Whites and this year started a flock of Legshires, a cross between White Leghorns and New Hampshire Reds. By alternating his breeds he is able to cull out the old hens with ease in fall after pullets are in production. In addition to culling out older layers, he sells the loafers from his pullet flock. Starting with 350, he reduces the size to about 300 during the season.

Poultry is strictly a side line on this 240-acre farm, but Mr. Goertz uses sufficient care to keep a large percentage of his eggs in the grade A class.

Saves Washday Energy

Snap your clothespin pail to the clothesline with a harness snap and slide the pail along the line, thus keeping the pins within easy reach.—Mrs. R. L.

HORN-DRAULIC LOADER

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UP TO
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● Rugged, 80-inch bucket replaces the loading scoop on the Horn-Draulic Loader. Moves, loads, handles shelled corn, cobs, small grain, and snow efficiently.



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● Makes tractor seat ride like an easy chair. Oil-filled, factory sealed, fool proof. Quickly adjustable to driver's weight.



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● Gathers, lifts, dumps as much as a half-ton of hay at a time. Quickly attached, metal-pointed, hard wood teeth, securely bolted to steel frame.



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● Heavy duty, will outwear three or four of the wood types. Grain tight joints, patented endgate, opens for dumping load.



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NO EXTRAS TO BUY

Farm welders

Livestock Hits Assembly Line

(Continued from Page 3)

on the farms, it also serves as a distributor so that meat can reach the table of the city housewife. Branch houses (sales offices) are maintained in many cities of considerable size. Smaller towns and villages are served by refrigerated cars and by truck routes.

Nation-wide meat packers with their organization can insure uniform distribution of meat products over the nation.

One big company processes food in 50 meat packing plants and 110 dairy and poultry plants. Packing plants and dairy and poultry plants are located in agricultural-producing areas.

The consumer, of course, wants a variety of foods in and out of season and at a low marketing expense. Nation-wide companies, with their wide distribution systems, are able to shift farm products from surplus areas to areas where needed. This keeps distribution running smoothly instead of bogging down in some spots.

In a study of distribution costs of 17 wholesale trades, those of the packing industry were found to be the lowest. One nation-wide packer reports that its profits are less than an average of one fourth cent a pound for all products handled. This is possible because the company annually processes more than 6 billion pounds of livestock

The Cover Picture

Meat processing has grown into one of the most important jobs in the nation—to producers and to consumers. It provides the big market for livestock and makes it possible for our nation to be well fed.

Meat packers were the first to develop assembly-line technique, which is in very general use now in huge factories throughout the United States. The cover picture on this issue shows how the "assembly line" is used in weighing and wrapping sliced bacon. This one group of women can wrap and package about 750 pounds of bacon an hour.

We believe you will be interested in the article, "When Livestock Hits the 'Assembly Line,'" and the other packing plant pictures appearing in this issue of Kansas Farmer.

products. Likewise, cost of handling is only about 5 per cent of sales compared to 10 to 20 per cent in certain other businesses.

Branch houses maintained by the packers at strategic points speed meat products to the retailers. This is an important point. Meat packers sell their fresh beef, lamb and pork to the retail trade within 2 weeks after animals have been dressed. Otherwise it would deteriorate in quality and the trade would discriminate against it.

Both producers and consumers often accuse the packers of manipulating or controlling meat prices—consumers when prices are high; producers when they are low. Actually, say packer officials, it would be impossible for them



"She can't be so smart—she taught the third grade when my Pop went to school and she's only teaching the fourth grade now!"

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Mr. Alden Austin and daughter of Fairmont, Minnesota

With GOOD FENCES, Proper Rotations and Livestock

"Corn averaged only 40 bushels per acre on this 166 acre farm when we bought it seven years ago. Fences were poor and the farm carried very little livestock."

"But after refencing the farm, adding clover pasture to the rotation, and stocking the farm heavily, crop yields began to improve. Last year, corn averaged 80 bushels per acre. And the farm is now carrying 200 hogs, 40 beef cattle and 16 dairy cattle. All this would be impossible without good fences."

Prefers RED BRAND for Longer Wear

"When we put up a new stretch we want it to last. That's why we prefer Red Brand fence—with proper care, we know it will give many more years of service."

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The Johnson Right-Angle Gear Drive gives you water when you need it. Provides water for thirsty crops on thousands of farms throughout the nation... on farms just like yours, bringing water from below your land, 300 feet or more. The Johnson Right-Angle Drive is not a pump... it is installed between the turbine pump and the power unit. Can be connected to your farm tractor or stationary engine, using either gasoline, natural gas, butane or diesel fuel. Types and sizes to meet the needs of any acreage, large or small. It's economical and efficient... operates dependably under varied and unusual conditions in all climates. Low cost irrigation is possible on every farm. Don't delay.

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

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

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

CAUTION: Use only as directed.

DR. CALDWELL'S
SENNA LAXATIVE
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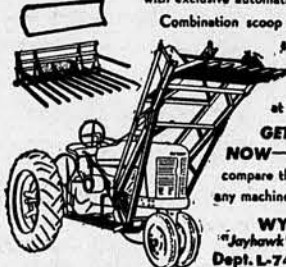
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SOUTH SAINT JOSEPH, MISSOURI

to manipulate prices for several reasons.

During normal conditions, they state, packers sell the dressed meat carcasses for less than they pay for the live animals. Contributing to this is the fact that an animal isn't all meat. For example cattle average a yield of 55 per cent meat. Only thru careful handling of by-products can the packer operate in this manner.

Since meat is perishable it must be moved quickly. A packer or group of packers cannot hold onto it indefinitely to force price increases.

Competition for the trade also is keen. There are more than 3,500 meat packers in the United States plus 22,000 other commercial slaughterers. If large companies succeeded in driving out of business all the small packers and slaughterers, a new crop would soon rise to challenge them again. You can see by this that there is little or no danger of keen competition ever being eliminated.

Fluctuations in prices daily, weekly and monthly, paid producers are due chiefly to the changes in the supply of livestock offered for sale, say packer officials. Over the long-time pull purchasing power of consumers has an effect upon livestock prices. The packer merely is an agent at the mercy of these laws of supply and demand. He cannot regulate either the supply being produced or the demand for the finished product.

Packers say that fluctuations in prices are no more satisfactory to them than to producers. But, until some plan has been devised that will make for orderly marketing, it will be impossible to change the situation.

Look to Eisenhower

Another honor has come to Milton S. Eisenhower, president of Kansas State College. He was chosen chairman of the United States National Commission on Educational, Scientific, and Cultural Co-operation at a recent meeting in Washington, D. C.

This is the first group to be set up to serve as a direct and permanent link between our citizens and the United States delegation to an international body of the United Nations.

Brought Good Prices

Greenwood county 4-H boys and girls sold 34,755 pounds of meat for \$11,583.50 at the first 4-H Club Fat Livestock show and sale held in Eureka, October 3 and 4. Twenty-nine head of fat 4-H steers brought an average of 35 cents a pound.

A top price of 25 cents a pound was paid for top fat market pigs, and the average price on 17 head was 24 1/2 cents a pound. Seven head of market lambs sold at an average above 23 cents a pound.

The big sale, part of a 2-day fall 4-H fair, was sponsored by the Greenwood County Cattlemen's Association.

Award to Rundus

The Joe Rundus family, of Marshall county, was honored October 19 when the W. G. Skelly Award for Superior Achievement in Agriculture was presented on a radio program. The family consists of Mr. Rundus, Mrs. Rundus, Robert, Ruth, and Frederick.

Presentation of the award was made on the basis of the family's record in soil building, all-around food production, and food preservation.

A Top Barrow



This Duroc Jersey fat barrow, belonging to Edwin Cotner, of Montgomery county, was grand champion 4-H barrow at the Coffeyville Interstate Fair, and first-place winner of the 4-H division at the Montgomery county Farm Bureau Fair this year. Another barrow from this farm, owned by G. L. Cotner, Edwin's father, was grand champion fat barrow at the Kansas State Fair and first in the carcass contest.



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Nourse oils are homogenized—blended to absolute uniform viscosity in a high vacuum. This assures you of motor oil for cars, trucks or tractors that cleans, cools, seals and lubricates.

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THE QUAKER OATS COMPANY, Dept. K-22, CHICAGO 4, ILL.

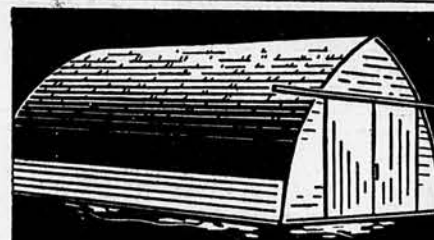


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Here's the modern, economical, more usable Rilco Machine Shed. It is free of posts and braces, giving unobstructed space to get your largest implements in and out of storage easily.

Rilco engineered and factory built laminated wood rafters are complete framing members, continuous from foundation to roof ridge. Because they are a single unit, they eliminate the weakest point of ordinary construction, which is the joining of side-wall to roof.

There is a complete line of Rilco Rafters engineered and factory-built, for barns, brooder, laying and hog houses. Because these factory-built Rilco Rafter Arches are delivered to your farm ready for erection, they reduce labor hours and save material.

Write for Free illustrated folder describing Rilco Laminated Wood Rafter Arches and their use in improved, modern construction for better, economical farm buildings.

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Classified Advertising Department

KANSAS FARMER

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12.....	1.20	3.84	20.....	2.00	6.40
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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

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Column	One	Four	Column	One	Four
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1/2.....	\$4.90	\$16.80	2.....	\$19.60	\$ 67.20
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● BABY CHICKS
Griffith's Gold Matting Chicks. Immediate—future delivery. Bred 25 years to make extra profitable layers. Quick maturing fryers. Postpaid with cash. \$1.00 per 100 deposit, balance COD plus postage. \$12.45 per 100. Barred, White Rocks, Reds, Wyandottes, Orpingtons, Austral Whites, Leg-Rox. Free catalog. Griffith's Hatchery, Box 617, Fulton, Missouri.

Coombs Hy-Line Chicks. Bred like hybrid corn. Exceptional layers. You can reasonably expect 15,000 eggs yearly from every 100 Hy-Line pullets house in fall. Hy-Lines laid 30-54% more eggs than other breeds on 105 farms. Get complete facts. Free catalog. Write today. Coombs & Son, Box 6, Sedgwick, Kansas.

Baby Chicks—F. O. B. husky, vigorous from bloodtested layers: White, Buff, Brown Leghorns, \$8.95; pullets, \$15.95; Rocks, Reds, Orpingtons, Wyandottes, \$8.95; pullets, \$13.90; heavy assorted, \$6.95. Surplus cockerels, \$3.95. Free Calendar-Catalog. Terms, guarantees. Bush Hatchery, Clinton, Mo.

Schlichtman's U. S. Approved. Pullorum tested chicks, per 100 prepaid. Leghorns \$9.90. Rocks, Red, Orpingtons, Wyandottes, Minorcas \$10.90. Assorted \$7.45. Pedigree sired and sexed chicks. Free Catalog explaining 2-week replacement guarantee. Schlichtman Hatchery, Appleton City, Missouri.

Baby Chicks—24 breeds. free catalog gives best matings, terms, prices. F. O. B., guarantees; bloodtested breeders. White, Buff, Brown Leghorns, \$7.95; pullets, \$15.45; Rocks, Reds, Orpingtons, Wyandottes, \$8.95; pullets, \$13.95; heavy assorted, \$6.95. Surplus cockerels, \$2.95. Thompson Hatchery, Springfield, Mo.

● HATCHING EGGS
Wanted—Hatching Eggs from bloodtested flocks. Attractive premium. Banksen Hatchery, 6080 South Western Ave., Los Angeles 44, Calif.

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Kansas Star Farm Seeds
ALFALFA SEED, Kansas Grown, Per Bushel, Lot Choice..... **\$25.20**
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We Handle a Full Line of Farm Seeds. Write for Samples.
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Flats \$8.50; Rounds \$6.50.
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Certified Pawnee Seed Wheat. Purity 99.5%. Germination 98%. Bulk price \$2.25 bushel. Sacked ready for shipment \$2.75 bushel. FOB Harper, Kansas. Dalton Bradshaw, Harper, Kan.
Pure Certified Comanche Seed Wheat for sale. Fort Hayes Experiment Station, Hays, Kansas.

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Circulating Heaters
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November 16 Will Be Our Next Issue
Ads for the Classified and Livestock Section must be in our hands by
Saturday, November 9

● TURKEYS

U. S. Approved Pure Broad Breast Bronze Poults and Pure and Hybrid Baby Chicks. Circular Free. Order early. Steinhoff Hatchery & Turkey Farms, Osage City, Kansas.

Griffith's Choice Broad Breasted quick maturing Bronze Poults 15,000 Weekly. Bred from carefully selected Pullorum Tested and mated breeders. Save with our big discounts on Advance Orders for 1947 delivery. Write for Free Circular. Prices. Griffith Turkey Farm, Box 767, Fulton, Missouri.

● DUCKS AND GEES

Toulouse Gray Geese \$6.00 each. White Embden \$4.00—\$10.00. White Pekin ducks \$1.50. Buff Orpington ducks \$2.00. Hybrid bantams, hens 50c each, cocks 75c. Sadie Melia, Bucklin, Kan.

● PLANTS AND NURSERY STOCK

100 Dunlap and 50 Gem Strawberries.....\$2.00
50 Asparagus and 10 Rhubarb.....1.00
25 Eldorado Blackberries.....1.00
3 Champion Gooseberries, bearing size.....1.00
8 Welch's Concord Grapes, 2 years.....1.00
3 Red and 2 White Grapes, 2 years.....1.00
10 Amer. Elm or Lomb. Poplar, 4-ft.....1.00
4 Red Flowering Quince, 18-inch.....1.00
6 Spirea Van Houttei, 18-inch.....1.00
25 Iris—Red, Blue, Pink.....1.00
3 Peonies—Red, White, Pink.....35c
6 Regal Lilies or 50 Mixed Glads.....1.00
8 Hardy Phlox—Red, White, Pink.....1.00
12 Tulips—large mixed Darwins.....1.00
4 Asters—Red, Blue, Pink, White.....1.00
All prepaid. List free. Order from
Welch Nursery, Shenandoah, Iowa.

● FLOWERS AND BULBS

Peonies—plant now. Three varieties—red, white, pink. 25 eyes \$1.00 postpaid. Hayes Seed House, Topeka, Kan.

● FERTILIZER

Schrock's Natural Phosphate finely ground 31% or high P(2) O. Immediate shipment in bulk. Order now for bagged material later. Dealers and distributors wanted. Schrock Fertilizer Service, Congerville, Illinois.

● LIVESTOCK ITEMS

More 4% Milk and greatest salvage value in milking Shorthorns. Indisputable records—on farms and in official contests—Prove that Milking Shorthorns are best all-around breed. Produce 4% milk, have greatest value of all milk breeds. This Two-way bargaining power makes Milking Shorthorns universal favorite. Free facts. Or read Milking Shorthorn Journal. Trial subscription, six months 50c; one year, \$1.00. Milking Shorthorn Society, 809 W. Exchange Avenue, U. S. Yards, Dept. KF-52, Chicago 9, Illinois.

Abortion and Mastitis—Literature Free. Gov't. Licensed Vaccine Strain 19; Mam-O-Lac, effective for Mastitis. Penicillin and DDT Circulars. Complete line Farmade Products. Low Prices. Kansas City Vaccine Co., Dept. P, Stockyards, Kansas City, Mo.

How to Break and Train Horses—A book every farmer and horseman should have. It is free; no obligation. Simply address Beery School of Horsemanship, Dept. 4311, Pleasant Hill, Ohio.

● DOGS

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

Shepherds, Collies, Heelers, Watch Dogs. Zimmerman Kennels, Flanagan, Illinois.

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LIBERTY GRAIN BLOWER
Saves time, Labor and Grain. Never strikes or shirks. Does many jobs other elevators cannot do. Get full particulars today.
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Large stock of replacement parts for all milkers. Natural rubber inflations. Farm dairy room supplies.
GENERAL PRODUCTS—Surge Distributors
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New and Used Ford Milkers

Electric and gasoline models available; simple, economical, easy to wash. Write
Feedola Sales Co., Box 442, McPherson, Kan.

Big Beam Portable Electric Hand Lamp turns "Darkness into Daylight." 1500-foot beam, spot or spread light, standard dry cell lantern batteries, no wires to connect, easy to carry, weather and rustproof, built for a lifetime. Ideal for farm chores, sports, camps, car emergencies. \$13.70 complete with batteries. Postage extra. Wt. 8 lbs. Magnolia Seed Company, Dept. KF-3, Dallas, Texas.

Brower Oil-Burning Tank Heater keeps stock tank free of ice in coldest weather. Easier operation—greater heating surface—storm-proof burner. Heavy boiler steel, electric welded. Burns distillate or kerosene. Thousands in use. Only \$23.95, FOB. Weight, 45 lbs. Order now! Guaranteed. Brower Mfg. Co., Box 270, Quincy, Illinois.

Write us for our free list of farm equipment. What do you need? Perhaps we have it. Green Brothers Hardware & Implements, Lawrence, Kansas.

One New 341 Letz Mill and one new Sargent Manure Loader for Model A John Deere Tractor. Art Penner, Hillsboro, Kansas.

● ELECTRICAL EQUIPMENT

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

Turn "Darkness into Daylight" with Big Beam Portable Electric Hand Lamp. 1500 foot spot or spread beam, standard dry cell lantern batteries, no wires to connect, easy to carry, weather and rustproof. Built for a lifetime. Ideal for farm chores, camping, sports, car emergencies. \$13.70 complete with batteries. Postage extra. Wt. 8 lbs. Magnolia Seed Company, Dept. KF-4, Dallas, Texas.

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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.

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QUALITY and SERVICE

Rolls developed and printed 25c. with Jumbo Enlarged Prints 30c.
SKRUDLAND, 6444-R DIVERSEY, CHICAGO

18 Beautiful Christmas Cards made from your Kodak negatives only \$1.00 including envelopes. Kodak rolls developed two guaranteed prints made of each negative 25c. Guaranteed negatives 25c each. Two 5x7 enlargements from negatives only 25c. Photo copied and 12 Prints made 50c. Summers Studio, Unionville, Mo.

Christmas Cards, exclusive styles made from your own snapshot negatives. Only you can send these personal photo Christmas greetings. Order today 12 for \$1; 25 for \$1.50 including envelopes or send a negative and 10c for sample. Pioneer Photo Print Service, Box 123, Wichita, Kansas.

Now! Six-Hour Photo Service! Beautiful prints are on their way to you six hours after we receive film. This speedy service costs no more. Roll developed with 8 prints and 2 professional bromide enlargements—25c. Finerfotos, Drawer U-898, Minneapolis, Minn.

Christmas Greeting Cards from your own snapshots, send negative and \$1.00 for 15 (including envelopes). Rolls developed. 8 prints 25c. over 8 exposures 40c. Reprints 3c. Fred V. Eastman, Bode, Iowa.

Save Chicken Feed! Don't feed the sparrows high priced chicken-feed. My homemade trap guaranteed to catch them by the dozens. Easy to make. Plans 10c. Sparrowman, 1715 Lane, Topeka, Kan.

Century Delivers Work and service that can't be beat. Sixteen Famous Century-Tone prints each 8-exp. roll 30c. Free Mailables. Century Photo Service, LaCrosse, Wis.

Candid Camera with carrying case \$3.98. Perfect Christmas Gifts. Guaranteed. Limited supply. Write now. Films 29c roll. Arkay Products, Box 1172, Chicago 90, Ill.

● AUCTION SCHOOLS

Learn Auctioneering at the World's Premier Auction school. Next Term, January 1, 1947. Actual selling. Complete course. For catalog and complete information write Jim Hoover Auctioneering and Radiocasting School, Sterling, Colo.

Be An Auctioneer. Students given actual experience. Free catalog. Lane Auction School, Mason City, Iowa.

Learn Auctioneering. Free catalog. Write Reisch Auction School, Mason City, Iowa.

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For Sale: Three new Taylorcrafts at used prices. Ships have only ferrying time from factory. W. W. V. Steddom, 211 Derby Bldg., Wichita, Kansas.

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Quilt Pieces—Colorful Cotton Prints, etc. 1 1/2 pound and Quilt Pattern Book, \$1.00 postpaid. Wayne Fox, Pleasantville, New Jersey.

Quilt Pieces—Beautiful new cotton prints. Large, colorful pieces, 500 for \$1; sample packet 10c. James Sales Co., P. O. Box 255, Centralia, Ill.

Make Up to \$30-\$40 Week as a Trained Practical Nurse! Learn quickly at home. Booklet free. Chicago School of Nursing, Dept. F-11, Chicago.

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

● FEATHERS WANTED

Prompt Remittance for your shipments. Top market prices for new goose and duck body feathers. Highest prices for goose and duck quills (wing and tail). Send samples of used feathers for quotation. Ship today—Cash Tomorrow. Midwest Feather Co., 2917 S. LaSalle St., Chicago 16.

Highest Cash Prices paid for all kinds of new and used duck and goose feathers. Also white turkey body and wing and tail feathers. Checks mailed promptly. We pay all freight charges. Write for full particulars. Central Feather & Down Co., Dept. 602, Kansas City 7, Missouri.

Prompt Payment for your new and used goose—duck feathers. We are direct pillow manufacturers paying top prices. Inland Feather Co., 1007 E. 55th St., Chicago 15.

● MISCELLANEOUS

Coyotes—Over 600 Coyotes caught in Kansas with my scent and all-weather set. Detailed instructions and sent \$2.00. Unconditionally guaranteed. O. L. Berry, 113 Franklin, Leavenworth, Kan.

For Sale: 1000 bundles bale ties. Gockel Hardware, Baileyville, Kansas.

● FARMS—KANSAS

320a, Well Improved, \$8,500; 160a, fine improvements, \$7,000. 160a, good improvements, \$6,500; 80a, good improvements, \$4,600. Particulars on request. Graves & Hopkins, St. Paul, Kan.

320 Acres—4 1/2 miles town, large buildings, good fences, on good road, 160 plowed, 40 in alfalfa, rest pasture, a good farm, \$50 per acre. T. B. Godsey, Emporia, Kansas.

● FARMS—MISCELLANEOUS

San Luis Valley half section, good water rights, deep irrigation well, electricity, modern 7-room house, tenant house, good fences and farm buildings, 7 1/2 miles from town, school bus service. Chester Mathias, R. 2, Del Norte, Colorado.

New Free catalog, selected farm bargains, 13 Midwest states sent to you free! Many equipped. Many illustrated with pictures. Special service to those stating general location desired and payment plan. Write today! United Farm Agency, 428 BMA Bldg., Kansas City 8, Mo.

1440 Acres Washington County, Colorado. Two improvements. Nice laying land. Hard soil. 480 acres under cultivation. Possession. Price \$28,800.00. Easy terms. Louis Miller, Frankfort, Ind.

Own Your Home—In the beautiful Ozarks or the famous Petit Jean Valley. All size farms from 20 acres up. Easy terms too. For white people only. Send for new catalog free. Mills Land Co., Boonville, Ark.

Strout's Blue Farm Catalog. Missouri and Arkansas and 28 other states Coast-to-Coast. 1300 bargains! Mailed Free. Strout Realty, 20 West 9th St., Kansas City 6, Mo.

Poultry Income Was Doubled

IF YOU are going to raise poultry it pays to do it right, believes Mrs. L. H. Reece, of Wilson county. She has been keeping accurate records on her flock for 3 years. Two years ago she won third place in a state contest for farm flocks, and last year placed second. Her flock average the first year she kept records was 180 eggs a hen. The next year it was 207, and this year between 195 and 200.

During the 1943-44 season, Mrs. Reece had an average of about 200 layers and realized a net income of \$632 after counting all labor and feed costs and 6 per cent interest on her investment. The next year she increased her flock to nearly 400 hens and more than doubled her income with little more work. Her net income for the enlarged flock was \$1,623.40. Average income to the hen was \$4.97.

Mrs. Reece starts out each season with about 1,000 straight-run White Leghorn chicks. Cockerels are sold as fryers and the fall season is entered with from 300 to 400 layers.

Last year she had 470 pullets on October 1, but immediately culled this number down to 400 by taking out all the lightest pullets. She continues to cull constantly. Usually 50 per cent or more of the flock has been culled out by the time the next pullets are ready for the laying house, and only a few of the best layers from the previous flock are carried over into the second season. Only pedigreed males are used in the flock.

Mash is mixed on the farm. Cracked corn is put on top of the feed when chicks are 3 or 4 days old. Mrs. Reece believes chicks do better when grain is started in this manner. Automatic water fountains are used to provide a steady supply and the water is warmed during cold weather. A wire screen on a wood frame is placed under the drinking fountain so none of the pullets can get into wet litter. Built up litter and self-feeders also are part of the management program, as is oats for green pasture.

Building Back His Lost Soil

BACK in 1941, a flood took the top soil to plow depth on part of the George Mueller farm, Washington county. Since that time Mr. Mueller has been trying to build the land back with sweet clover and a 4-12-4 fertilizer. In one more year he will have completely covered the eroded area with sweet clover.

Last year on one field sweet clover was plowed under June 1 and corn planted with 150 pounds of 4-12-4 fertilizer. The field was test shucked the last of October along with unfertilized corn nearby. Fertilized corn outyielded the untreated corn 8.9 bushels an acre after moisture had been reduced to No. 2 corn. Cost of treating the field was \$3.50 an acre, including labor. Figuring corn at \$1 a bushel, the fertilizer brought a profit of \$5.40 an acre.

This year Mr. Mueller put a side dressing of 150 to 160 pounds of 33 1/2 per cent nitrogen during the last cultivation. He reports that the difference between this treated corn and that untreated was more pronounced during the growing season than the test last year. Corn thus fertilized looked better the last of September this fall than that treated with 4-12-4, and much better than corn not fertilized.

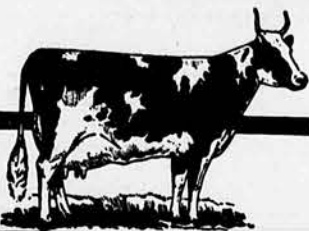
No yield results were available at the time we called on Mr. Mueller but he believes the advantage of fertilizing with nitrogen as a side dressing will produce more of a difference this year than his 8.9 bushel gain last year by drilling in the 4-12-4 with the seed.

Set Export Goal

The U. S. Department of Agriculture has programed 2,270,000 long tons of grain and grain products for export during the fourth quarter of 1946. This is in addition to approximately 900,000 tons carried over from the third quarter.

Completion of the third- and fourth-quarter programs will represent approximately 55 per cent of the 400 million bushels set as the goal for export during the current marketing year—July 1, 1946, thru June 30, 1947.

Dairy CATTLE



Raise Ayrshires

Heaviest producer of 4% milk at lowest feed cost—the milk the post-war market demands.

Ayrshires are noted for perfect udders, grazing ability, hardiness and outstanding type.

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

Ayrshire Breeders' Ass'n
260 Center St., Brandon, Vt.



Kansas Jersey Cattle Club's 4th Annual Sale

Fairgrounds

Hutchinson, Kansas,
Thursday, November 7

50 Head Selected From Leading Kansas Herds.

25 COWS—15 BRED HEIFERS
10 OPEN HEIFERS

Tb. and Bang's Tested.

For Catalog Write

RAY SMITH, Secretary

Rt. 2, Hutchinson, Kansas.

Auctioneers—Bert Powell,
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Mike Wilson with Kansas Farmer.

INVESTIGATE HOLSTEINS

You put your time, labor and dreams for the future into your dairy herd. Why not build with the type of animal known to be best for the purpose? There is a world of evidence that favors Holsteins! Write for free booklet.

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HOLSTEIN-FRIESIAN ASS'N
OF AMERICA • Brattleboro, Vermont • Box 3038

HOLSTEIN BULL FOR SALE

11½-months-old, good type, mostly black. His dam classified "good plus" with record of 714.2 lbs. butterfat and 22,444.6 lbs. milk in 341 days 2X milking. His sire is a son of King Creator Champion Segis, which sold \$1,200 at Finkelstein dispersal sale last fall. Also few younger bulls sired by the same bull and one son of Right Royal Design, Kansas only Silver Medal Production Sire. For prices and further information write
RUDOLF MUELLER AND SON
8 Miles West on U. S. 50s. Halstead, Kansas

BULL CALVES FOR SALE

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

SERVICE AGE HOLSTEIN BULLS

We offer two ready for service now; two more by early winter; and three baby calves. Excellent type, well grown, sired by proved sires and out of high record classified dams. Prices range from \$175 to \$250. Write for full description or better come and see them at the farm.

REED'S FARM DAIRY
Ernest A. Reed & Sons
LYONS, KANSAS

Sunnymede Farm

KING BESSIE JEMIMA BOAST
Senior Sire
FABST BURKE LAD STAR
Junior Sire

Sons of Above Sires Available. Herd now finishing 16th consecutive year of Holstein-Friesian Improvement Test.
C. L. E. EDWARDS, TOPEKA, KANSAS

Offering Guernsey Bull Calf

4-months-old and registered. I won Grand Reserve on my calves in 4-H at Kansas State Fair. 3rd in open class. First check for \$125 gets calf.

CHARLENE MEINERT
1244 No. Oliver, Wichita 6, Kansas

REG. GUERNSEY BULLS

High Production. Correct Type.
Popular Bloodlines.
RANSOM FARM, HOMEWOOD, KANSAS

How to Grow 100-Bushel Corn

NOT even sweet clover is enough to maintain soil fertility when you grow 100 or more bushels of corn an acre. That is the experience of Ed Knedlick, Washington county, who has had yields as high as 157 bushels an acre on irrigated bottom land.

The yield of 157 bushels an acre was made in 1943 in the DeKalb hybrid corn contest. While this was an unusual yield, even for Mr. Knedlick, his entire acreage last year averaged 100 bushels, with the highest yield 133 bushels.

Mr. Knedlick tries to use sweet clover every 3 years, and also works some alfalfa into his farming. But even these are not enough to offset the drain of 100-bushel corn. He has one



Ed Knedlick, Washington county, shows the difference in size of ears between irrigated corn fertilized with nitrogen and that unfertilized. Yield increase due to nitrogen is estimated at 25 bushels an acre.

field of corn that made 120 bushels last year the first year following sweet clover. This year it was put back into corn, but will make only about 60 bushels, according to the owner.

To offset this terrific drop in yields the second year after sweet clover, Mr. Knedlick is experimenting with a complete fertilizer and with straight nitrogen this year. He top-dressed this year with 100 pounds of 33 per cent nitrogen just ahead of seeding and worked it in with a disk harrow. He estimates this treatment will add about 25 per cent to production above those fields not getting the nitrogen.

Cost of the nitrogen and labor are figured at \$10, but the yield increase is figured at 25 bushels an acre, which makes the practice profitable. Mr. Knedlick hopes the nitrogen will partially bridge the production gap until he can get back with sweet clover.

Oats are seeded with sweet clover in order to get a double pasture crop for his cattle, plus green manure and the manure from the cattle, which are pastured on the fields in rotation. During the winter manure from the lots is hauled out to the fields.

Alfalfa for Cash

Rolla Holland, Chautauqua county, believes in alfalfa as a cash crop. His bottom land is strong enough to produce a good crop of corn. He has about 35 acres in corn this year. But alfalfa is his main crop. He has 165 acres of it. He got 1 ton to the acre from the first crop. It was cut about the first of May.

Altho his bottom land soil is far from being depleted, this legume crop is putting loads of nitrogen into his land. It also is a distinct advantage to his livestock programs. He raises hogs on the clean alfalfa ground. It keeps hog health high and permits him to raise them cheaply. Nine sows last fall accounted for 81 pigs on the Holland farm, an average of 9 a sow. He kept 23 gilts this spring. These gilts, with 8 sows, promise a big hog program for this fall.

All of Mr. Holland's alfalfa ground has been limed at the rate of 1 ton to the acre. Besides that he gives the ground a phosphate boost every other year. He uses 100 pounds of 45 per cent phosphate to the acre or 200 pounds of 20 per cent.

THE CENTRAL KANSAS HOLSTEIN BREEDERS' SALE

Of Registered and Unregistered Cattle

NOV 2 1946



In the Big Round Top on West First Street

Newton, Kansas
November 5

85 HEAD 85 HEAD

Opportunity to avail yourself of fresh cows, bred heifers ready to go to work, yearlings, and a select consignment of heifer calves, suitable for 4-H, but not registered.

THE ROLL CALL:

RALPH WARD & SON—A select lot of 2-year-olds, big and ready, cows and a few heifers.

MOTT & KANDT—A swell lot of bred heifers, just ready and some yearlings.

ELMER GEIS—Some registered cows, heifers and calves.

EARL BOYLES—Earl is going to sell registered cattle and is consigning 3 top cows and 2 heifers. Cows up to 71 lbs. a day.

PHIL STUCKY—Some of his high producing good ones. A 400-lb. herd.

W. C. FLOYD—Two 2-year-olds; 2 6-year-olds.

EDDIE EWERT—1 cow, 1 heifer and a calf.

BONNIE TINSLEY—Champion 4-H girl. 2 head.

OTTO DOMANN—All his unregistered cattle.

JESSE WEST—A consignment of 10 head of swell well-grown heifer calves.

ORLEY HARRISON—3 head of good ones.

OTHERS—Eddie Kamm, Edwards, Place and a few pending.

The above consignors are making this sale possible by offering cattle that are right for the winter production. It is one of the best offerings of bred heifers that will be assembled for the man that wants production, and let them freshen in their new home. Many of them will be fresh by sale day.

Cattle that are selling with individual health certificates and many of them carry calfhood vaccination certificates.

We recommend that for immediate production, and cows for the future that you be at the big round top in Newton on November 5th.

For Further Information Write

T. Hobart McVay, Sales Mgr., Nickerson, Kan.

Auctioneers—Newcom, and Cole.

REDUCTION SALE OF HIGH PRODUCING HIGH QUALITY HOLSTEINS

At Farm 4 Miles North of Newton, Kansas, Highway 15.

THURSDAY, NOVEMBER 14



40 HEAD of Practically Purebred Holsteins. 6 Head Registered, Balance Not Eligible.

I have recently purchased the entire Clarence J. Tange-man herd of 25 Milking Cows and have 38 head of my own. The offering is composed of top cattle from both herds. Cows in milk, heavy springers and bred and open heifers of exceptional quality. High record sires have been used for many years.

The Tangeman herd averaged 5½ gallons at time of purchase on two-time-a-day milkings. Everything Tb. and Bang's tested. Many heifers calfhood vaccinated and certificates with every animal.

Sale Starts at 12 O'Clock.

DALE E. WHITE, NEWTON, KANSAS

Auctioneer—Boyd Newcom.

Jesse R. Johnson with Kansas Farmer.

Mention KANSAS FARMER When Writing Advertisers

100 HEAD The Central Kansas 100 HEAD Holstein Breeders' Consignment Sale

At the Fairgrounds

**November 11
Hutchinson, Kan.,**



**An All Registered Sale.
Second Only to State Sale.**

In this offering from the following consignors are 100 head of some of the best breeding in Kansas and Colorado and includes entries from some of the best breeders who are doing an outstanding job in type and production breeding.

M. A. SCHULTZ & SON—Some of their best cow families are represented in their top offering to date. Most of them bred to their son of the 838 SX "Tess" (Excellent). Also, a young get from the "Tess" bull.

QUENTIN KUBIN—The herd that has made such a real showing at Waterloo. A 100% blood brother to the Jr. Ch. bull calf of Hutchinson and Dallas Fairs. Several cows carrying the same blood as the Gr. Ch. cow at Hutchinson, 9th at Waterloo, and 2nd at Dallas.

BARBARA MORRIS—National 4-H champion Club girl of 1942, is dispersing her entire herd including her original 4-H heifer.

WILLOW SPRINGS RANCH—of Mt. Morrison, Colo. We welcome them to Kansas with a 2 yr. old heifer, just ready and a son of Crescent Beauty Admiral, ready for service, from a 400 lb. 2 yr. old, making a real 3 yr. old record.

C. C. KAGARICE—30 head from a production tested, classified herd. Fresh cows, bred and open heifers, and a few heifer calves from the above cows. A real consignment of production. A young bull from a 623 fat dam.

ABE THUT—Several of his best ones that happen to be just right for this sale.

OTTO DOMANN—Is dispersing all of his registered cattle.

R. S. LYMAN—Is supporting the sale with cows that will make money at the milk plant and are foundation cattle too.

EDDIE EWERT—Just one, but a good one.

ROY HOPKINS—Is sending 12 head, many of them bred to the 600 lb. fat son of the Heersche (Excellent) Lizzie cow.

GROVER MEYER—Is sending a group of bred heifers, bred to his son of "Rock" and his "Lucifer" bull a son of Ramseys' Lucy a granddaughter of 37th.

MOTT and KANDT—cows and heifers, including the "Tamarac" cow.

E. S. STEPHENSON—a group of real cows, and one of the top bulls of the sale.

A. M. DAVIS—A fresh 2 yr. old—a honey, and a 7 months old bull from a 430 2 yr. old that is making over 500 as a 3 yr. old.

The sale is not flooded with bulls, but there will be some outstanding herd sire offerings in this sale. Most of them ready for service, a few young ones. I recommend these as the ones to see and inspect for the future. They represent some of the top herd sires of the state.

For 4-H there will be several heifer calves from cows up to 500 fat.

For the breeder and the dairyman there will be type and production, most of them fresh and springers. Every animal selling with individual health certificates, except the calfhood vaccinated heifers, under 2 years of age, who sell on their certificate.

We invite your presence, your inspection, and your bids on this grand offering of good cattle from long time progressive breeding establishments.

Sale Headquarters the Hotel Leon, Hutchinson, Kansas. We Hope to Have a Get-Together at the Leon on the Evening of the 10th.

For Catalog and Information Write

T. H. McVAY, Sales Manager, NICKERSON, KANSAS.

Auctioneers—Powell and Cole.

Mike Wilson with Kansas Farmer.

Complete Dispersal of 40 Head of Registered and Grade Ralph Hornbaker Holsteins

At the Ralph Hornbaker Farm 36 Miles Straight West of Hutchinson, Kansas, and 6 Miles North and 4 East of Stafford, Kansas.

November 12, the Day Following the Hutchinson Sale.

21 Head of Cows in production, a group of Bred Heifers, and Open Heifers. The Hornbaker herd has been consistently near the top in the herds in his association. Both in high herd and high cow. 10 Grade Heifers under 2 years of age. 10 Head of Heifer Calves under 6 months. Included in the sale are 10 Head of Registered Cattle, cows and their progeny. Records up to 583.5 fat.

Every animal was born on the Hornbaker farm, every animal in milk has a production record. An accredited herd and the cattle selling with individual health certificates.

For Pamphlet on Sale Write T. Hobart McVay, Sale Mgr., Nickerson, Kan. Auctioneer—Pat Keenan.

Lunch on the Grounds.

Mr. and Mrs. David M. Schurle's Jersey Dispersal

Sale at Farm 11 Miles West of Manhattan on Highway 24 and 1 Mile North.

Manhattan, Kan., Thursday, Nov. 14, 11 a. m.

100 HEAD—Fifty Registered Jerseys. Balance High Grades Fresh Cows, Heavy Springers, Bred Heifers, Etc. Backed up by years of D. H. I. A. Production Records. Butterfat and Milk Prices Are High—Milk More Cows and Enjoy the Added Income That They Will Bring In. Many Calfhood Vaccinated. All 100% Negative to Bloodtest for Bang's. For catalog write

IVAN N. GATES, Sale Manager, WEST LIBERTY, IOWA.

Auctioneers—Bert Powell, Topeka, Kansas. Assisted by Lawrence Welter, Manhattan, Kansas, Vernon Ewing, Riley, Kansas. Jesse R. Johnson with Kansas Farmer.

Lunch on the Grounds.

Lunch on the Grounds.

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Like Corncob Litter

Three years ago, A. J. Thomas, Shawnee county, used corncob litter as an emergency measure in his laying houses. Straw was scarce. He now advocates the use of corncob litter because it serves better than straw.

About 2 cleanings a year are necessary when corncob litter is used. It will not mat like straw, but will absorb more moisture.

The White Leghorn commercial flock is an important department on the Thomas farm. Mr. and Mrs. Thomas usually have about 750 layers in a house which is divided into 5 compartments. But the labor shortage has prompted them to settle for 450 layers in 3 compartments this year.

After 20 years of experience with laying flocks, they emphasize the importance of regular feeding to keep production high. Chickens are birds of habit and learn to expect regularity. Mr. and Mrs. Thomas also keep lights burning in the laying house thruout the night. Their layers become accustomed to night lighting and learn to expect it, too.

Import Purebred Stock

Nearly 26,000 purebred breeding animals were certified for free entry into the United States during the year ended June 30, 1946, states the U. S. Department of Agriculture. This number was about 16 per cent more than in 1945.

Principal source of purebred livestock was Canada, but some also came from Australia, New Zealand, and other countries. Importations included 21,482 cattle, 3,062 sheep, 665 dogs, 647 swine, and 116 horses.

HOGS

POLAND CHINA BOARS

Sired by Reconstructer, he is a double Grandmaster bred boar. These boars are wide backed, deep bodied, and have bulging hams. Kind that produce prize winning barrows. Packers like them.

RAY SAYLER & SONS
R. No. 3, MANHATTAN, KANSAS

ROWE OFFERS POLAND BOARS

Prize winning bloodlines. Choice spring boars for sale sired by Challenger's Best (1st senior boar, Kansas Fair) and Red Buster (grand champion Kansas State Fair). Also fall pigs.

C. R. ROWE & SON, SCRANTON, KANSAS

POLAND SPRING BOARS

Sired by Chief of Supremacy, full brothers to the 1945 and 1946 Kansas Champion sows. Priced reasonably. Double immune.

RAYMOND, KANSAS

Bauer Type Poland Boars

Selected for fast gains. The largest prize winning herd at Nebraska State Fair. Midwest, Atomic Bomb, and Standard—Sire. Guaranteed to suit. Visitors Welcome.

BAUER BROTHERS, GLADSTONE, NEBR.

Registered Spotted Polands

A few choice spring boars sired by Keepsake's Pride. The blocky, thick type.

H. E. HOLLIDAY & SON, Richland, Kansas

OFFERING SPOTTED POLAND GILTS

A few bred gilts that will farrow soon and the best spring boars we ever had, the thick sort by Top Flash and True Model. They have quality to head any herd. Reg. and vaccinated. Visit us.

EARL and EVERETT FIESER, Norwich, Kan.

SEE OUR SPOTS. STATE AND COUNTY FAIRS AND SHOWS

Booking pig orders for future delivery. Sired by the 1945 grand champion and his helpers. Stock always for sale.

DALE KONKEL, HAVILAND, KANSAS

REGISTERED HAMPSHIRE

Now offering a choice selection of spring boars, including a few selected outstanding individuals that are good enough to go into any herd, that have been reserved until now. Various popular bloodlines. Registered and immune. Visit or write us.

R. E. BERGSTEN & SONS, Randolph, Kan.

ETHYLEDAL FARM

In Service SPOTLIGHT SUPREME and OUR WIZARD Breeding stock for sale at all times.

Dale Scheel, Emporia, Kan.

Bill Glover's "Hamps" Win Again

AT THE AMERICAN ROYAL
THIS IS A WINNING—(1) Grand Champion, (4) Firsts, (2) Seconds and (1) Third. If you saw our herd at the American Royal "Nuff Said." Come visit "Pig Heaven" we are sure you will buy. Open Gilts for Sale, \$75 and \$100. Two Mixer Boars at the same price. Inquire of

Bill Glover's Acres, Wildwood Lakes, Raytown, Mo.

HOGS

EASY FEEDING TYPE DUROCS

20 top spring boars and 40 selected spring gilts sired by Royal Pattern, a great son of Kant-Be-Beat, out of Golden Fancy and King Orion dams. Inspection invited.

ALLEN LARD, CLAY CENTER, KANSAS

REGISTERED DUROC QUALITY BOARS

Some good enough to head anybody's herd. Sired by Lowdown Fancy and Thickset Orion. Out of some of our best sows. Same breeding as the tops in our recent sale.

FRANK ALEXANDER, CORNING, KAN., Nemaha County.

SHEPHERD'S DUROC BOARS

Best raised in 42 years. Big, rugged, thick, deep bodied, heavy hammed, low set fellows. The breed's most popular blood. Immune and of top quality. Priced right. Come or write.

G. M. SHEPHERD, LYONS, KANSAS

OFFERING DUROC-BRED GILTS

AND FALL BOARS
Top fall boars sired by Challenger, (1945 Kansas Junior Champion). One litter of 9 boars and gilts out of Leader's Queen, (our 1946 Kansas Junior Champion). Taking orders now for bred gilts. Our Durocs are the low down, easy feeding kind with plenty of style and quality. Write

SCHULTE'S DUROC FARM, Little River, Kan.

Offering Duroc Boars

Priced for the farmer. Best bloodlines. Immune. Purebred but not registered.

OSCAR H. SWANSON, Clay Center, Kansas.

DUROC SPRING BOARS

Offering spring boars sired by King Col Orion, King Thickset 2nd, and Perfect Orion 2nd. Inquire of **LEE FRANKLIN, RICH HILL, MO.**

Choice Duroc Jersey Boars

Spring boars for sale. Registered. Double immune and guaranteed breeders. Shipped on approval.

CLARENCE MILLER, ALMA, KAN.

HUSTON'S DUROCS

For breeding, conformation, health and vigor buy these better Duroc boars sired by Kant-Be-Beat, Heavyset, Wide Out Lo Down, Lo Set Special, and Breeders Ideal. Shipped on approval, send no money, or visit the herd.

WILLIS HUSTON, AMERICUS, KANSAS

Taliaferro's Quality Durocs

We offer spring and summer boars and gilts and sows with litters. Best of breeding, with quality.

HOWARD C. TALIAFERRO, (Butler Co.) KANSAS

QUALITY DUROC BOARS

Duroc Spring Boars sired by Red Master, The Kansas, and Prince's Designer. New bloodlines for old customers. Easy feeding type. Cholera immune.

ARTHUR E. ROEPKE, WATERVILLE, KAN.

CHOICE DUROC BRED GILTS

By Improved Ace by Proud Wave, Ace and bred to Top Crown, a splendid son of Crown Prince, Illinois Grand Champion boar. Also splendid spring boar pigs. Two extra good fall boars by Improved Ace.

BEN M. HOOK & SON, Silver Lake, Kansas

Raise CHESTER WHITES

Prolific—Best Disposition. High Percent Farrowed, Raised, Get FREE Chester White Facts and Copy of The Chester White Journal. Published Monthly, \$1 a year, \$2 for 3 years.

The Chester White Swine Record Ass'n, Rochester, Indiana

ALFALFA CHESTER WHITE FARM

Offers selected boars of high quality and breeding. The low down, thick, growthy kind that we have bred for 30 years. Their ancestors have won in some of the strongest shows. They have won a large per cent of the blue and purple ribbons. Priced for appreciative buyers.

WM. BUEHLER, STERLING, KANSAS

Reg. BRED GILTS and Weaning Pigs

PETERSON & SONS, Osage City, Kansas

250 Chester White Boars

Bred sows, open gilts. Special—July pigs \$35. Sept. pigs. Wide back, big litters. 1000 in herd.

BLOOM and SONS, CHESTER WHITE RANCH, CORNING, IA.

HEREFORD HOGS

Expressed C. O. D., subject to your approval. High-winning herd National show. Bred gilts. Boars. Unrelated pigs. Circular.

YALEHURST FARMS, PEORIA, ILL.



You Will Like Our Consignment to the KANSAS POLLED SHORTHORN BREEDERS' ASSOCIATION SALE

Hutchinson, Kan., Monday, Nov. 25

We will offer—Three Bulls—One of serviceable age, one nearing serviceable age, and the other a top youngster worth waiting for. Four Heifers—Two open, and two bred to Klowna Coronet 10th X, a dark red, low set grandson of Cherry Coronet.

They are sired by Dale's Champion X and Oakwood Chancellor 4th X. We believe this consignment to be the most uniform in quality that we have made to any sale.

We are consigning a Bull by Loyal Prince X and a Heifer by Oakwood Chancellor 4th X to the Central Kansas Shorthorn Sale, November 6, 1946, at Hutchinson, Kansas.

LOVE & LOVE, PARTRIDGE, KANSAS

Dual-Purpose CATTLE**35 MILKING SHORTHORNS**

Offered by

McPherson-Rice County Breeders

Wednesday, November 13

Sale at the Carey Farm 2 Miles West and 1/2 Mile North of McPherson.

The offering includes cows, bred and open heifers, and bulls backed by good RM breeding. Bulls are mostly of serviceable age and some are out of RM cows. All animals registered and Bang's and Td. tested.

This is our third annual sale and we have many satisfied buyers. You can't afford to miss this sale. For catalog write

C. O. HEIDEBRECHT, Sec'y.
Inman, Kansas

Auctioneer—Gus Heidebrecht,
Jesse R. Johnson with Kansas Farmer.



**Offering
Registered
Milking
Shorthorns**

Young serviceable age bulls out of high producing cows. Nice reds and roans. Sired by College Judge, son of the grand champion. Also a limited number of choice heifers of the same good type and breeding. Inspection invited.

ROY HUBBARD, JUNCTION CITY, KAN.

Reg. Milking Bred Shorthorn Bulls

Serviceable age and out of good production cows, some R.M., representing well-known blood lines. Also Hereford hogs.

PETERSON & O'DONNELL, Junction City, Kan.

Locust Dell Farm Milking Shorthorns

Heifers and young cows, also bulls under 1 yr.
W. S. MISCHLER & SON
Bloomington, (Osborne Co.), Kansas

HILLTOP MILKING SHORTHORN FARM
High producing cows headed by Olwood Grim (by Gold Mine Jubilee RM). Cows of Hollandale, Northwood and Keturah breeding. DHA Records. Calftood vaccinated. Bulls from calves to serviceable age and a few cows.
HADLEY SNAY, PLEVNA, (Reno Co.), KAN.

OFFERING RED POLL BULLS

Serviceable age, good quality and bred right. Also females. Inspection invited.

WM. HEBBARD, MILAN, KANSAS

RED POLL BULLS

Registered Bulls from calves to serviceable age.
IRA V. DUTTON, BELFRE, KANSAS

● **AUCTIONEERS** ●

Chas. W. Cole

LIVESTOCK AUCTIONEER

I am conducting sales for many of the best breeders in Kansas. Selling all breeds. For dates address me at Wellington, Kansas



**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.

Lawrence Welter, Auctioneer

Specializing in livestock and farm sales. Selling in many prominent sales of this territory. For dates and terms write me at

MANHATTAN, KANSAS, Rt. No. 5.

BERT POWELL

AUCTIONEER

LIVESTOCK AND REAL ESTATE
1529 Plass Avenue Topeka, Kan.

IN THE FIELD

Jesse R. Johnson
Topeka, Kansas
Livestock Editor

and **MIKE WILSON, Livestock Fieldman,**
Muscotah, Kansas.

Col. E. R. Sherlock, of St. Francis, conducted a sale of Holsteins for MR. AND MRS. WALTER LEWIS, of Brewster, Kan., during October. The 23 cows sold for a general average of \$280. Included were a few springing heifers. The top female went to Al Jennings, of Oakley, for \$357.50. Thirty-five head were sold, practically all of the cattle stayed in the state.

The **FRENCH-JONES** Duroc sale held during October resulted in a general average on all hogs sold of \$60. Forty head were sold. 36 head stayed in Kansas. The boar average was \$66, and the gilts averaged \$55. The top boar sold for \$92.50 going to L. H. Shannan, Hiawatha. The high selling gilt brought \$82. The buyer was Ellis Morgan, of Oregon. Mo. Homer Rule was the auctioneer.

October 10 was a rainy and very disagreeable day, but despite this fact **FRANK ALEXANDER**, of Corning, well known Duroc breeder, held his first auction sale. Breeders from several states attended. Floyd Wilborne, of Meeker, Okla., purchased the top boar at \$250. The top gilt in the offering was purchased by Clarence Miller, Alma. The general average on the Durocs sold by Mr. Alexander was \$114. The offering was exceptionally well fitted and attractively presented.

CHESTER PARKER & SONS, of Leona, Spotted Poland China breeders, held their annual sale in Horton, October 7, 1946. The day was ideal for the occasion and sale was well attended. The top boar of the sale went to Harold Sorenson, Exira, Iowa, at \$95. Top female in the auction was purchased by Paul Schowengest, Reserve, at \$125. The boars in this auction averaged \$74.50, the gilts \$66. The general average on 48 head sold was \$70.50. Thirty-seven of the 48 head sold stayed in Kansas. The Parkers presented the offering well fitted and extra well grown.

CLARENCE MILLER'S annual Duroc sale, on October 11, again indicated the popularity of Miller type Durocs and proved the high standing of Mr. Miller who has held so many successful sales. The total sale income was \$5,178, a general average of \$112.28. The 39 boars sold averaged \$108.50 and the 7 spring open gilts averaged \$136.78. The top boar sold for \$410. The buyer was Popham Brothers, of Chillicothe, Mo. The top gilt went to Alfred J. Metschen, of Enid, Okla., at \$205. Twenty-eight head stayed in Kansas. 5 went to Oklahoma, 3 to Missouri, 3 to Nebraska, and others to Indiana. Bert Powell was the auctioneer.

The all-breed hog sale at St. Joseph on October 16, by F. F. A. CHAPTERS in the Kansas and Missouri area around St. Joseph, was very satisfactory. Chester Whites, Durocs, Hampshires, Berkshires and Spotted Poles were sold. Sixty-six head averaged \$75.76 with a \$125 top on boars and \$105 top on gilts. Chester White boars topped the sale at \$125 with A. Schmidt, Hiawatha, and Joseph Lamar of Weston, Mo., each buying one at that price. Gilt top, a Duroc, was purchased by Danner Mills, St. Joseph, for \$105. Boars averaged \$81.78 and gilts \$71.73. The agricultural division of the St. Joseph Chamber of Commerce sponsored the sale and show, and the sale was held in the livestock sale pavilion in South St. Joseph. Kansas and Missouri buyers gave the sale good support. Bert Powell was the auctioneer.

SHEEP

**SHROPSHIRE SHEEP
DISPERSAL**

PRIVATE SALE

35 Registered Shropshire Ewes. Our entire flock at private treaty as a unit. Bred to Rotter's Clark 366.

HERMAN H. SCHRAG, Pretty Prairie, Kan.

● **AUCTIONEERS** ●

Ross B. Schaulis, Auctioneer

Purebred Livestock, Real Estate and Farm Sales. Ask those for whom I have sold.

CLAY CENTER, KANSAS

Frank C. Mills, Auctioneer

Alden, Kansas

Polcyn's Reg. HEREFORD Dispersal

Beverly Sales Pavilion

Salina, Kansas

Saturday Night, Nov. 23

**32 HEAD—Comprising 13 COWS
With Calves at Foot, Others
Calving by Sale Day.**

**1 Herd Bull
5 Yearling Bulls
4 Yearling and 3 Open Heifers**

The herd bull is a Colorado Aster Domino-bred bull.

Outstanding individuals have been purchased in the founding of this herd and by selection and careful buying the herd has developed into one of the good small herds of the country. The bloodlines include the blood of Prince Domino Mischler, Colorado Domino with granddaughters of Real Prince Domino 24th and their calves and calves by CK's WHR Royal Duke 33d.

The cattle can be seen on my farm prior to the sale. Location half mile from Gorham. Cattle will be at pavilion for inspection several days before the sale.

Health certificates with every animal.

For Catalog Address

ED P. POLCYN, Owner, GORHAM, KANSAS

Mike Wilson with Kansas Farmer.

**Remember the Sale Will Be at Salina, the Night of November 23
Starts at 8:00 p. m.**

Johnson's Hereford Production Sale

Beverly Sale Pavilion East of Town,
Highway 40.

Salina, Kansas

Wednesday Nov. 13

CK ROYAL DUNDY 1st

25 BULLS, ages from 6 to 24 months, extra good quality and most of them from our best cows. Rupert Domino 19th also sells.

31 FEMALES—20 Cows and Heifers bred to Rupert Domino 19th, CK Creator, Silver Domino 44th and CK Royal Dundy 1st. 7 sell with calves at foot. The offering includes the cow that produced the 1945 Grand Champion 4-H heifer.

11 HEIFERS and YOUNG COWS.

For Catalog Address

ELMER L. JOHNSON, SMOLAN, KANSAS

Auctioneer—Charles Corkle.

Mike Wilson and Jesse R. Johnson with Kansas Farmer.

**North Central Kansas
Hereford Breeders' Sale**



To Be Held at the Prison Camp on Highway 81

Concordia, Kansas, Tuesday, November 12

65 HEAD, drawn from 33 good herds of the territory.

35 BULLS. Many of breeding age.

30 FEMALES of good quality and best of breeding.

Show and Judging in the Morning. R. D. Mousel, Judge.

For Catalog Write

DR. GEORGE WREATH, Sale Manager, Belleville, Kan.

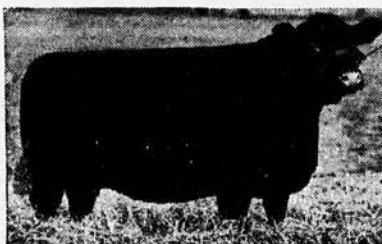
Auctioneer—Guy L. Pettit.

Mike Wilson with Kansas Farmer.

**KANSAS Schools
need
State Money**

WHY? HOW?

Consult Your Local School Teacher or Administrator
Write for Material—State Teachers Assn., 315 W. 10th, Topeka



QUEEN OF HEARTS 2ND X

**Kansas State
Polled Shorthorn
Sale
Monday, Nov. 25**

J. C. Banbury & Sons, Consign
the Following Selected Animals:

Miss Avon Coronet and Coronita F (two fine roans) sired by Red Coronet 2nd, (his sire the International Grand Champion, Cherry Coronet. Both heifers are bred to our Cherry Hill Hallmark Congress bull, purchased at \$2,050 and his sire the \$5,700 Imported Gosshal Ximenes.

We also sell two Red Coronet 2nd bred bulls in this November 25 sale. Stock always for sale on the farm. See our offering at this sale.

J. C. BANBURY & SONS, PLEVNA, KANSAS.

22 Miles West and 6 Miles South of Hutchinson.

40 C K Bulls 40 C K Females



Herd Sire, C K Challenger D 19th, 1942
Champion and Sire of 1946 Champion,
C K Cruiser D. 34th.

Sell at the Ranch
**Saturday
November 23**

Herd improving bulls for the breeder; rancher and farm herd. Bulls ready for service and carefully selected to make the best offering ever to go into a C K Sale. The C K type featuring good heads, heavy bone, straight legs, thick and deep bodies with smoothness and quality is evident in this offering.

The 40 females are mostly of breeding age and represent years of effort to produce a uniform high quality set of heifers which will improve the herd into which they go. We recommend them highly and know that you will want to own them.

Send for catalog

C K RANCH, BROOKVILLE, KANSAS

Kansas Hereford Futurity Sale November 22 Hutchinson, Kansas

30 BULLS—20 FEMALES
From the Leading Herds
of Kansas



Breeders Who Have Cattle in This Sale:

Frank Blew, Castleton
Roy Colle & Sons, Lyons
C. K. Ranch, Brookville

Cornwell Hereford Farm, St. John
Frank R. Condell, El Dorado
Jos. M. Dortmund, Gorham
Dutlinger Bros., Monument
Foster Farms, Rexford

Harvey L. Krehbiel, Pretty Prairie
John Luft, La Crosse

J. J. Moxley, Council Grove
Paul & B. W. Mudd, Russell
Joseph C. Maes, Bushton

Paul P. Paney, Mt. Hope
Parcel Herefords, Coldwater
A. D. Rayl, Hutchinson
Hal Ramsbottom, Munden
Jos. Radotinsky, Walcott
Sutor Hereford Farm, Palco
Don Shaffer, Hutchinson
T. L. Welsh, Abilene
R. O. Winzer, Leon
Walnut Hill Herefords, Great Bend
O. M. Wright & Son, Vesper
A. R. Schlickau, Haven

For Catalog Address **A. G. Pickett, Secretary,**
Kansas State College, Manhattan, Kansas
Auctioneer—A. W. Thompson. Mike Wilson with Kansas Farmer.

Gibbs' 9th Annual Sale Anxiety Hereford Cattle



Sale at
Clay Center Sale Pavilion
CLAY CENTER, KANSAS
MONDAY, NOVEMBER 11
Starting at 1 p. m.

51 LOTS

12 HEIFERS—All ranging in age from 9- to 12-months and all sired by WHR Royal Prince 3481003.

18 BULLS

6 BULL CALVES sired by Jupiter Pioneer 9th, 3850124.

John Tanzer will sell 15 head.

The Gibbs' herd was established 30 years ago mostly with breeding stock from Gudgell & Simpson and Mousel Bros. Our first herd bull was President Stanway 1,000,004. For catalog write

SAM GIBBS, Owner, MANCHESTER, KANSAS

Auctioneer—Ross B. Schaulis. Jesse R. Johnson with Kansas Farmer.

CECIL UNRUH and W. A. ROSENBERGER, of Greensburg, have recently purchased a bull calf from the Teegarden Polled Shorthorn herd in Ohio. He is a choice roan calf sired by the \$4,000 bull Lieutenant Commander. This will be a fine addition to these good registered Polled Shorthorn herds.

EARL MARTIN & SON, of Dekalb, Mo., sold Durocs at St. Joseph on October 7. Prices ruled conservative as a whole on boars, but boars topped at \$100 and gilts sold up to \$112.50. Gilt demand was good and they averaged over \$80. Buyers from 4 states made purchases. Bert Powell was the auctioneer.

Can Use Dry Milk

A method of making baker's cheese from dried skim milk, instead of from liquid skim milk, has been announced by U. S. D. A. Use of dried skim milk means manufacture of baker's cheese need no longer be confined to areas where fresh skim milk can be obtained. Some economies would be possible if the cheese were manufactured at or near the bakeries. Bakers themselves could store the relatively nonperishable dried skim milk and make the cheese as their needs arose.

Baker's cheese is used for cheese pies, cheese cakes, and other similar soft-cheese pastries.

Trend of the Markets

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

	Week Age	Month Age	Year Age
Steers, Fed	\$27.50	\$19.90	\$17.65
Hogs	24.50	15.95	14.55
Lambs	22.50	19.00	14.50
Hens, 4 to 5 lbs.	.21	.27	.22½
Eggs, Standards	.42	.44	.43
Butterfat, No. 1	.80	.84	.46
Wheat, No. 2, Hard	2.12	2.12	1.69½
Corn, No. 2, Yellow	1.85	1.88	1.15½
Oats, No. 2, White	.87	.86	.70
Barley, No. 2	1.42	1.37	1.16
Alfalfa, No. 1	33.00	31.00	27.50
Prairie, No. 1	20.00	19.00	15.00

Livestock Advertising Rates

¼ Column Inch.....\$2.50 per issue
½ 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

Serviceable Age Hereford Bulls

Rugged, quality bulls ready for both farmers and breeders. Out of our best cows and bred along the most approved lines of breeding. These selected bulls were sired by 3 CK Ranch bulls. 90 females in our herd.

SUNDGREN FARM, Falun, Kan.

Sugar Loaf Shorthorn Farm

Offers an outstanding white Show Bull out of Edelyn Dealer 1978823. 19 months old and weighs 1380 lbs. Also 4 coming yearling bulls, all over 6 months old. Write for photos.

H. W. ESTES, SITKA, KANSAS

Beef CATTLE

FALL HEREFORD AUCTION

60 SELECTED CATTLE
20 Bulls
40 Females

Alma, Kansas
November 15

Show at 11 a. m.
Sale Opens at 1 p. m.

Sale Held at Wabaunsee County
Fair Barn.

Guy Pettit, Auctioneer.

**WABAUNSEE COUNTY HERE-
FORD BREEDERS' ASSN.**

Direct requests to:
Howard C. Myers, Alma, Kansas.

Hugh's Modern HEREFORDS AT AUCTION

Rich Hill, Missouri
November 16, 12:30 p. m.

55 LOTS

7 Bulls, Serviceable age; 13 Cows, Av. 4 yrs.
10 Yr. Open Heifers; 18 Heifer Calves; 7
Bull Calves. Domino and Stanway Breeding.
Sale will be held at Farm ½ mile West of
Rich Hill, Mo., on Gravel Road, 85 Miles
South of Kansas City, Mo., on Highway 71.
Write for Catalog.

D. M. HUGHES, RICH HILL, MO.
Auctioneers: Guy L. Pettit, C. C. McGinnis,
and Donald J. Bowman.

SOUTHWEST MISSOURI HEREFORD SALE

Thornton Sale Pavilion on Norton Road.
Wednesday Afternoon,
November 13
Springfield, Missouri

53 LOTS

61 Head of good Reg. Hereford Cattle. Con-
signed by 11 top Hereford Breeders of that
section. Bang's and Tb. Tested.
Popular Bloodlines. Good Pasture Condition.
For Catalog Write Donald J. Bowman, Sales
Manager, Hamilton, Missouri.
Auctioneers—Bert Powell, Tony Thornton.

TOP HEREFORDS SELECTED FROM TOP HERDS

For several years we purchased the top sell-
ing heifers in many of the best sales held in
Kansas and Nebraska. They are cows now
that justify the high prices paid. 70 breeding
females in the herd, mating with our good
bulls, including Royal Triumph D 14th 123rd
and his great son, Triumph 2nd. Herd in-
spection invited.

T. L. WELSH, ABILENE, KANSAS

Haven Hereford Breeders' Association 6th Annual Consignment Sale at Valley View Ranch



2½ Miles West, 3½ Miles South of
Haven, Kansas, Monday, Nov. 11
1 p. m.

60 HEAD - 40 FEMALES - 20 BULLS

We believe this to be the best offering of Hereford breeding cattle we have ever produced. Such bloodlines represented as: W. H. R., Hazlett, Real Prince Domino, Junior Mixer, Advance Stanway, Royal Domino and Colorado Domino.

Consignors:

Louis Beltz
Lawrence Cooley
Orin Chain
Lawrence Chain
Ralph Chain & Son

O. W. Fishburn & Son
Elmer Dierks
Asa Koontz
D. J. Krehbiel & Sons
Harvey Krehbiel

Knappenberger Farm
W. H. Schlickau
A. R. Schlickau & Son
W. H. Tonn & Son
Henry Wiebe

For Catalog Write

PAUL FISHBURN, Chairman Sales Committee, Haven, Kan.
Auctioneer: W. H. Heldenbrand.

Beef CATTLE
**Cowden Farms
Registered
Hereford
Dispersion
Sale**

**Monday, Nov. 18, 1 p. m.
Springfield, Missouri**

65 Head of Richly Bred Herefords WHR and Roll Prince Domino Breeding. Don't overlook this top Missouri Hereford Sale. For Catalog write

COWDEN FARMS
210 Woodruff Bldg., Springfield, Mo.

**WHR Dynamic
Domino
Sells**

In the Sunflower Futurity at Hutchinson. He is a horned son of WHR Dynamic Aster; dam—WHR Marigold 9th. Also young Polled Bulls and a few cows for sale on the farm.

JOSEPH C. MAES, BUSHTON, KANSAS

Reg. Hereford Cattle

Leading bloodlines, all ages. Lots to suit buyer. Prices for all purposes.

SHAWNEE CATTLE COMPANY, Dallas, Texas

**KANSAS STATE
SHORTHORN SALES**

Monday, November 25

Tuesday, November 26

At Hutchinson State Fair Grounds
Hutchinson, Kansas

POLLED 51 Heifers

22 Bulls

HORNED 56 Heifers

24 Bulls

Polled Cattle Show and Sale

Monday, November 25.

Horned Cattle Show and Sale

Tuesday, November 26.

Auctioneer—J. E. Halsey.

Banquet, November 25, Leon Hotel

Lot F. Taylor, Secretary, Manhattan, Kan.

Write for Catalog.

**Registered
Aberdeen-Angus
Cattle**

For Sale. Choice Breeding.
L. E. LAFLIN
Crab Orchard, Nebr.


Public Sales of Livestock
Angus Cattle

November 6—Finis Moss, Nevada, Mo.
November 16—John C. Long, Haddam, Kan.
Sale at Marysville, Kan.

Hereford Cattle

November 4—Western Republican Valley Hereford Breeders' Association, Benkelman, Nebr. Leo Barnell, Benkelman, Nebr.

November 6—Lakeside Hereford Farm, Howard Carey, Owner, Hutchinson, Kan.

November 7—Great Plains Hereford Association, Oakley, Kan.

November 8—Northwest Kansas Hereford Breeders' Association, Atwood, Kan.

November 11—Haven Hereford Breeders Association, Haven, Kan. Harold Tonn, Sale Manager.

November 11—Sam Gibbs, Manchester, Kan. Sale at Clay Center, Kan.

November 12—North Central Kansas Hereford Show and Sale, Concordia, Kan. Dr. George C. Wreath, Belleville, Kan. Sale Manager.

November 13—Elmer L. Johnson, Smolan, Kan. November 13—Southwest Missouri Breeders' Association, Springfield, Mo.

November 15—Wabaunsee County Breeders' Association, Alma, Kan.

November 16—Central Kansas Hereford Association, Hays, Kansas.

November 16—D. M. Hughes, Rich Hill, Mo. November 18—Cowden Farms, Springfield, Mo.

November 22—Sunflower Hereford Futurity, Hutchinson, Kan.

November 23—Ed P. Polcyn, Gorham, Kan. Sale at Salina, Kan. (Night Sale)

November 23—CK Ranch, Brookville, Kan. December 4—Thomas Werth, Park, Kan. Sale at Quinter, Kan.

December 6—Dickinson County Hereford Breeders' (Polled and Horned), Abilene, Kan. Herald Dailey, Secretary, Abilene, Kan.

January 7—Northeast Kansas Hereford Breeders, Fair Grounds, Topeka, Kan.

February 1—Reno County Hereford Breeders' Association, Fairgrounds, Hutchinson, Kan. Don Shaffer, Manager.

Polled Hereford Cattle

December 3—Vic. Roth, Hays, Kan.

Holstein Cattle

November 4—North Central Kansas Holstein Annual Consignment Sale, Washington, Kan. E. A. Dawdy, Salina, Kan., Sale Manager.

November 5—Central Kansas Holstein Breeders' Sale, Newton, Kan. T. H. McVay, Sale Manager, Nickerson, Kan.

November 11—Central Kansas Holstein Breeders', Hutchinson, Kan. T. H. McVay, Sale Manager, Nickerson, Kan.

November 14—Dale E. White, Newton, Kan.

Jersey Cattle

November 7—Kansas State Jersey Breeders Sale, Fair Grounds, Hutchinson, Kan. Roy Smith, Secretary, Hutchinson, Kan.

November 14—David M. Schurle, Manhattan, Kan. Ivan N. Gates, West Liberty, Iowa, Sale Manager.

Milking Shorthorn Cattle

November 13—McPherson-Rice County Breeders' Sale, McPherson, Kan. C. O. Heidebrecht, Secretary, Inman, Kan.

Shorthorn Cattle

November 6—Central Kansas Shorthorn Breeders, Polled and Horned, Sale Hutchinson, Kan. Frank Leslie, Sterling, Kan., Sale Manager.

November 19—North Central Kansas Shorthorn Breeders' Association, Beloit, Kan. Ed Hedstrom, Secretary, Mankato, Kan.

November 25—Kansas Shorthorn Breeders' Association (Polled Shorthorns) Hutchinson, Kan. Sec., Lot F. Taylor, Manhattan, Kan.

November 26—Kansas Shorthorn Breeders' Association, Hutchinson, Kan. Secretary, Lot F. Taylor, Manhattan, Kan.

February 22—Thos. Andrews Dispersal Sale, Cambridge, Nebr.

Duroc Hogs

January 25—Harry Givens, Manhattan, Kan.

Hampshire Hogs

November 2—Missouri Breeders' Association, St. Joseph, Mo. E. G. F. Early, Secretary, Lexington, Mo.

**GODDARD & SONS'
REDUCTION SALE
OF REGISTERED
HEREFORD CATTLE**

Sale at Norton Sale Pavilion

**Norton, Kansas
Monday, November 18**


**69 High Quality, Registered Herefords
Comprising:**

- 9 BULLS in age from 16 to 19 months.
- 20 BULL CALVES, 6- to 11-months-old.
- 1 HERD BULL.
- 25 COWS bred to such sires as Real Prince D 180th 3802402, Anxiety Lad 7th 3048438.
- 14 CHOICE HEIFER CALVES.

Offering sired by such sires as—

Advance Mischief 83rd 2048130.

Prince Domino C. 5th 2367467.

Harold Domino 2377573.

Anxiety Lad 7th 3048438.

And other noted bulls.

This is a good useful offering of well bred cattle, selling without any fitting. Cattle may be seen at pavilion day before the sale. All breeding stock Tb. and Bang's tested. Calves vaccinated for blackleg. For Catalog Address

**E. P. Goddard & Sons, Owners
Penokee, Kansas**

Auctioneer—Freddie Chandler.

Mike Wilson with Kansas Farmer.

Attend Our Aberdeen-Angus Dispersion Sale



Sale Pavilion

**Marysville, Kan.
November 16**

90 HEAD

35 cows with calves at foot, 13 bred heifers, 7 yearling bulls, also our herd sire; Eylar Black Prince 18th. This herd was established many years ago on the most famous bloodlines and good individuals. It will afford you a chance to buy additional breeding stock or foundation material for a new herd. The herd is accredited for Bang's and Tb. The 1945 and 46 calf crop have been vaccinated. For catalog address

J. C. LONG & SON, HADDAM, KANSAS

Auctioneers—Roy Johnston and Mike Wilson.
Jesse Johnson with the Kansas Farmer.

Horned and Polled Hereford Sale December 3

At the Vic Roth Ranch
Hays, Kansas



35 Cows sired by M. P. Domino the 7th, Plato Domino the 18th, M. P. Domino the 3rd, and Real Prince the 16th, and bred to Palmetto P. Plato 21st, son

of Pure Plato Domino. 12 bred heifers sired by M. P. Domino the 7th and bred to Palmetto Plato 21st, and Real Plato Domino 26th, son of Real Plato Domino, the Leslie Brannan herd bull. 22 open heifers sired by M. P. Domino 7th, Real Plato Domino 26th, and Real Prince 16th. 2 herd bulls Palmetto P. Plato 21st, and Beau Domino. 4 yearling bulls sired by M. P. Domino 7th, and Real Plato Domino 26th. 2 bull calves. Buyers choice of either bull calf.

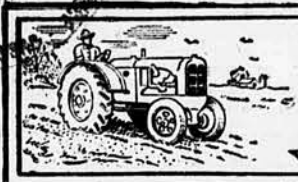
Plan to attend the Leslie Brannan Sale on December 2. Make hotel reservations early at Hays, Great Bend or Larned.

For Catalog Write

VIC ROTH, Box 3, Hays, Kansas

Auctioneer—Freddie Chandler.

Mike Wilson with Kansas Farmer.



The Tank Truck

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



MOTOR OIL CHORUS

BY 4 FARMERS



You know men who can make up their minds like 1-2-3 on any subject you want to name—without consulting anybody else's opinion or taking any stock of general experience. You may admire men like that—when they're right—but oh, how often they can be wrong! Now by knowing what other folks say on a given subject you add their experience to your own before you bind yourself to any final decision. And so there's a much bigger chance of being right more often!

Now on the subject of motor oil and other lubricants for the farm, even though we ourselves make them—and make them just as good as we know how—we like to know what other folks have to say about them on the basis of practical use in farming. And right here and now we'd like you to read some of those opinions that farmers have written about Conoco products.

"Nth...has convinced me..."

That's what Raymond Stas writes from his 360-acre farm near Calumet, Oklahoma, where he has used Conoco products since 1935. And he goes on, "I purchased my F-30 International tractor new in 1935 and have operated it the past eleven years with only two repair jobs which cost me less than \$60.00 and it still operates like a new tractor today. This record has convinced me beyond any doubt that Nth... with its OIL-PLATING and non-sludge factors and consistent high quality is the most economical oil on the market today. This statement is also true of all other Conoco products. Their consistent high quality yet reasonable cost make them ideal for all farm uses.



John Laughlin is starting his daughter out right, on the road to being a good Conoco Agent, as both call on Raymond Stas at the latter's farm.

"Our petroleum needs are never a headache because we know that Conoco products are as near to us as our telephone. Your Agent, John Laughlin at Calumet, is always ready to fill our needs... and to give us advice."

"I am sold...100%..."

Simon Krueger, who farms 960 acres near Amherst, Colorado, enlarges on that uncompromising statement as follows, "I have been using your motor oils since 1930... and will use nothing else in my equipment, which consists of a Model C Case Tractor, a McCormick combine, a Chevrolet pickup and car

Simon Krueger (right), and Fritz Nierman seem to have reached a satisfying conclusion to their discussion of lubrication problems.



and other miscellaneous equipment. My repair bills have been unusually low and I attribute this mostly to your good oil. I have had much less work done on my tractor than my neighbors who use other oils.

"I purchased my Case C Tractor in 1939 and in the spring of 1945 I told my son it was about time we worked over the engine but to my surprise, after checking the rods and bearings, we found no play in them so we put the engine back together without doing any work on it. I am very enthusiastic about your Nth Motor Oil and recommend it to anyone who is looking for the best in lubrication."

"Conoco Nth exclusively"

Henry Crow writes from his 60-acre farm near Twin Falls, Idaho, that his tractor "is 7 years old and has never been overhauled. This tractor," he goes on to say, "is used for all farm work as well as for considerable work for a neighbor. The oil is run from 120 hours to 150 hours and uses approximately one pint of oil in this length of time. The oil also drains out in very clean and excellent shape and very clear. The Conoco Agent's service is very good and takes care of all requirements."

"...everything you claim..."

That's the way Lester Koch feels about his experience with Conoco lubricants on his 1,520 acres near Garden City, Kansas. "I have used Conoco products for three years..." he writes further, "I get better mileage and performance from Conoco N-tane gasoline than other brands. Since I have been using Nth motor oil and Conoco greases I have been able to keep my equipment out of the repair shops and in the fields working. During the past harvest season, just finished, your Conoco Agent was on the spot when I needed him most."

THE "WHY" OF THE WAY THEY TALK ABOUT CONOCO PRODUCTS

When enough people hold the same opinion about a subject—on the basis of practical experience with it—you can be pretty sure they're on the right track, and you can follow their lead with confidence. Right here, to fill out those records of Conoco experience "in the field," so to speak, let's talk about the "why" behind the exceptional ability of one Conoco product... Conoco Nth motor oil.

Here's superb mid-Continent oil, in the first place, carefully selected and skillfully refined—plus two extra ingredients that give it extra goodness inside any engine. The first of these is called *Thialkene inhibitor*. It has the special ability to help keep engines clean, to fight off corrosion, and to slow up

THE GREASE VETERAN SAYS:

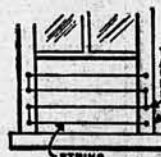
"I watched a farmer I know grease a tractor the other day and I noticed particularly how careful he was that he got enough grease in every possible place on his tractor that required grease—but I noticed, too, that the grease he was using was pretty dirty-looking stuff. Not from the way it was made, but just because it hadn't been stored properly or handled carefully. I called this to his attention when I noticed it and suggested that he could grind down those parts a lot easier with valve-grinding compound than by using dirty grease. He was right annoyed, but when I had him feel some of his own contaminated grease between thumb and finger he allowed that maybe he was doing more harm than good!"

The Grease Veteran is right. Cleanliness is most important in grease, for grease easily picks up abrasive dust if not properly stored. Don't use contaminated grease. New grease is cheaper than a new part.

\$ DOLLAR-AN-IDEA \$

An idea that helps get farm work done in less time, is well worth any man's dollar—and a dollar is just what you'll get for each of your original ideas printed. Address all ideas to *The Tank Truck*, care of this paper.

A mother of ten—Mrs. Leota Montgomery of Maitland, Missouri—suggests using an inflated inner tube as a "bump-saver" for the baby. Seated inside the tube on the floor, a baby is not only cushioned from bumps, but is able to get back up after a tip-over.



The illustration at left shows Mrs. Nels Clausen of Exira, Iowa, keeps window curtains from blowing against dusty screens.

Mrs. Gladys Phillips of Vickery, Texas, irons insides of pillow ticking with a waxed iron to prevent feathers from working through.

(EDITOR'S QUERY: Don't men folks have ideas any more? That's three farm wives in one column!)

any tendency of oil to break down in hard service. The second extra ingredient in Conoco Nth oil is responsible for the wonderful OIL-PLATING effect mentioned in Raymond Stas' letter above.



Henry Crow is proud of his 7-year record with Conoco Nth motor oil.

With its OIL-PLATING ingredient on the job inside your engines, Conoco Nth motor oil possesses a seemingly miraculous ability to fasten or OIL-PLATE lubricant on working surfaces. Held there by molecular attraction—the very same force that holds particles of any substance together—that OIL-PLATING is on guard against wear all the time you use Conoco Nth motor oil. And that means avoiding a whole lot of carbon, gum and sludge.

Teamed up with *Thialkene*, the OIL-PLATING gives your engine a better chance to keep on delivering its power—to work longer and harder without needless overhaul. So take a tip from what other farmers say about motor oil. Call Your Conoco Agent soon to come out to your place with all the lubricants you need to keep your machines in first-class condition. He'll be glad to serve you—and to advise you on solving any lubrication problems you may have. Continental Oil Company



AT YOUR SERVICE WITH:

Conoco Nth motor oil—Conoco HD oil
Conoco transmission oils—Conoco pressure lubricant
Conoco Pumpbube, Racelube and Coglobe
Conoco Sufind grease, cup grease and axle grease
Conoco N-tane* gasoline—Conoco tractor fuel
Conoco diesel fuel—Conoco kerosene and distillates

*Reg. U. S. Pat. Off.