

MAY 18, 1940

KANSAS FARMER

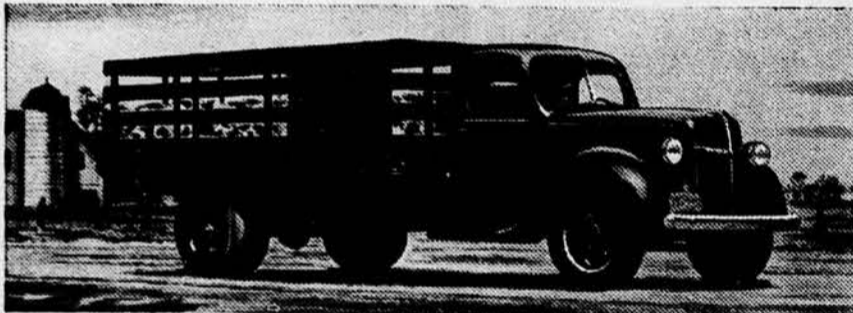
MAIL & BREEZE



JUDY HAD A LITTLE LAMB



DUTY ONE—Farm Work. During summer, the Ford V-8 hauls hay to the barn and fodder to the silo. It is on the job beside the combine or the thresher handling the grain. In the spring, it takes machinery and seed to the fields. In the winter, it's hauling wood or posts or supplying stationary power. It takes a real truck to handle a load in all seasons where there are no roads. The Ford V-8 can—and does—do it. It's built that way from the ground up!



Dual rear wheels and tires, as shown, are optional at extra cost

DUTY TWO—Road Work. The Ford V-8 Truck hauls livestock to market and feed and supplies from town. It takes the cash crop to the elevator and does market hauling for the neighbors. In these jobs, it's power in the higher speeds that is important. That means first on the market with produce and back home again early. Fast power for the roads, load-moving ruggedness for the farm—these are important advantages in a Ford V-8 Truck.

THE one best place to get a good look at a Ford V-8 Truck is in the driver's seat—your foot on the accelerator, your hands on the wheel, the truck in action. The purpose of the "on-the-job" test, offered by your Ford dealer, is to make this possible. The whole idea is that you take a Ford V-8 Truck and try it out right on your own place. Then you know definitely what a Ford V-8 Truck can do. The "on-the-job" test is yours for the asking—make arrangements for it with your Ford dealer.

FORD V-8 TRUCK

FORD MOTOR COMPANY, BUILDERS OF FORD V-8 AND MERCURY CARS, FORD TRUCKS, COMMERCIAL CARS, STATION WAGONS AND TRANSIT BUSES



New Crops to Be Shown

FARMERS interested in learning about new crop varieties and soil management problems can hear the latest "dope" at the 1940 Agronomy Field Days, to be held at Kansas State College, Manhattan, May 22 and 23. Counties in the southern part of Kansas are invited for Wednesday, May 22, while those in the northern part are invited for the following day.

The morning program each day provides for a visit to the department of poultry husbandry, for a tour of the poultry farm, and a discussion of experimental work with poultry. The afternoon program, devoted to agronomy, will begin with a tour, scheduled to start at the agronomy farm buildings at 1:30.

As explained by Prof. R. I. Throckmorton, agronomist in charge, purpose of the field days is to give the people of Kansas an opportunity to see what is being done on their experimental farm at Kansas State College. The field days also give an opportunity to discuss the work with men who are in charge of the projects.

This year, the field days will feature discussion of new varieties of several different kinds of crops. For instance, Fulton oats, the popular new oats variety, will be inspected and discussed. This variety, which has received so much attention during the last year, will be seen in experimental plots where it can be compared with Kanota and Red Texas. It will also be seen in regular fields.

Special interest is expected in work with wheat which includes some promising new varieties. Madrid, the new variety of Sweet clover which was approved for distribution last year, is being grown in a field on the farm; visitors will have opportunity to see this variety and hear its merits discussed by Prof. J. W. Zahnley.

Touching on one of the most popular subjects of all Kansas agriculture, Kling L. Anderson will discuss experimental work with tame and native grasses. He will tell of methods being used to improve these grasses and of ways to establish stands.

Professor Throckmorton relates the old soil fertility project, with its many rotations and fertilizer treatments, shows some striking contrasts this year. In this connection, there will be opportunity to compare the effects of continuous cropping with growing the same crops in rotation with and without legumes. Relative value of alfalfa, Sweet clover, and soybeans for soil-improvement purposes can be observed at the college plots.

Thirteen Soil Meetings

An All-State Conservation Day will be held at 13 points in Kansas, May 31. These key points have been selected so that farmers and businessmen in nearby areas can study water and soil conservation. The meeting places, as arranged, include Parsons, Neodesha,

Iola, Burlington, Ottawa, Oskaloosa, Wellington, Council Grove, Marysville, Kingman, Mankato, Hays, and Liberal.

"Conservation of water and soil resources by the use of ponds, terraces, contour furrows, and recommended farm crops is vital to every landowner and every land operator in the state of Kansas," says L. E. Willoughby, extension soil conservationist, Kansas State College, Manhattan, who will be in charge of the All-State Conservation Day. "Each program that will run simultaneously with the others on the conservation day will emphasize the problems in water and soil conservation that are especially adapted to the area of the state in which the meeting is being held."

Add to Fair Prizes

Future Farmers of America and 4-H Club members whose calves or hogs win grand champion placings at the state fair will receive \$25; a blue ribbon winner at any state fair will get \$20; a blue ribbon winner in the F. F. A. or 4-H division of any county fair will get \$10, and at any local fair \$2, if they are entered in the Staley contest.

All entries must be made on official Staley entry blanks and club members may obtain official entry blanks and details for qualifications by writing the Staley Milling Company, Kansas City, Mo.

Club Improves Park

The Home Improvement Unit of the Blue Mound Community has as a part of its activities in the community this year the improving of the park at Blue Mound, according to Joe M. Goodwin, county agent. The members plan to sell doughnuts and have a novelty sale during the summer to raise funds for the improvements. The officers of this unit are: President, Mrs. C. E. Thompson; vice-president, Mrs. Ola McGee; secretary-treasurer and reporter, Mrs. Edith Horton; leaders, Mrs. Ola McGee and Mrs. Zola Lewis; finance chairmen, Mrs. G. B. Wengert and Mrs. E. F. Daniels. This is one of the 11 units in Linn county this year. They all are as active and going ahead with programs which will be of great benefit to their communities.

Homes Made Homier

A total of \$15,550 being spent on home furnishings alone during last year in Kansas is evidence enough that there is a place in the Kansas State College Extension Service program for consumer education lessons. Home furnishings specialists gave training in selection and care of bedding, linens, rugs, furniture, and other household furnishings. There were 2,655 families who received help in some way with their purchasing problems during the year.

Picture on the Cover

THE charming little Kansas farm girl on the cover of this issue is Judy Williams, of Reno county. Evidently she is doing her share to help boost the production of Kansas Milk-Fed Lambs which Kansas Farmer recommends as fitting into the Kansas farming picture so well. Judy is the daughter of Mr. and Mrs. Fred Williams, and her pet is a purebred Corriedale from a sire imported from New Zealand. Mr. Williams, who owns one of the leading herds of Ayrshire cattle in Kansas, operates a dairy farm southwest of Hutchinson. Judy's lamb puts a stamp of approval on the bottled dairy product.

Now, many of our readers ask whether we would like them to send in pictures they think will make good Kansas Farmer covers. Yes, indeed! We would like nothing better than to use sharp, clear pictures taken by farm folks. But please send the film along with the picture so we can have an enlargement made of any selected for use.

Pictures for the cover should be extra good, of course, and show something of importance to farming operations or farm living. And this includes almost everything from the family garden to your pet hobby. Mail your pictures to Editor, Kansas Farmer, Topeka, please.

LIVING ON FROZEN ASSETS

By ROY FREELAND

OUT on the old home farm, no time of year was more welcome than "fresh strawberry season." After appearance of the first delicate white blossoms, we watched with eager impatience for the first ripe berries. Swimming in rich country cream, the plump, red fruit provided a glorious and joyful "season opener."

Much the same kind of thrill came with the first meal of fresh peas, the first roasting ears, and the first fried chicken. In fall and winter, big moments followed butchering day, we feasted like kings on choice fresh pork and beef. These seasons passed on in haste, leaving us with good, wholesome surpluses in the form of canned and cured food—but not for a full year could we enjoy the same products again as fresh table delicacies.

Now, many rural Kansans have fresh strawberries, fried chicken, and roasting ears for Christmas dinners. Fresh, home-produced beef, pork, and lamb have become regular table treats for any month of the year. As if by touch of a magic wand, these delightful products are being transformed into frozen food assets for year-around enjoyment, thru use of cold-storage locker plants.

MORE than 120 plants of this kind are now operating in Kansas. They provide 22,000 individual lockers which are used regularly by about 15,000 families. A majority of these locker systems are operated as sidelines to ice plants. Others operate in connection with meat markets, grocery stores, and produce houses. A few are independent units. More than half of them are privately owned, while most of the others belong to corporations and partnerships.

Newest of all is the idea of co-operative locker plants, such as the one owned and operated by farmers and townspeople in the vicinity of Sabetha. Known as the Sabetha Co-operative Produce Company, the organization handles a freezer-locker system in connection with co-operative marketing of eggs and poultry. It was organized a year ago last fall and already has 1,300 members and stockholders.

Charles Montgomery and Harvey Bechtelheimer, Nemaha county farmers, are president and vice-president, respectively, of the organization. R. J. Scott is manager, M. L. Deaver is treasurer, and J. A. Bockenstette is secretary. During its first year of operation, this co-operative organization marketed 50 carloads of eggs totaling nearly 600,000 dozen. Rapid progress has been made in profitable marketing of dressed poultry. Five carloads of chickens and turkeys sent to the Eastern markets included 100,000 pounds of choice meat which demanded attractive prices.

This produce business goes hand in hand with management of the 180 individual lockers used for preserving fresh food. To support these enterprises, the plant is equipped with a processing room and a quick-freeze room. In the processing room, all kinds of livestock and poultry are slaughtered, cut, and wrapped for storage. The quick-freeze room does just what the name implies. It freezes the meat, fruits, and

vegetables at low temperatures before storage in the lockers.

Most of those who use the freezer-lockers think of meat as the primary product to be stored, so beef, dressed poultry, pork, and lamb are all preserved in large quantities. Side by side with these are various kinds of fruits and vegetables. For instance, Mr. and Mrs. Harlan Deaver, who live on a farm east of Sabetha, have stored fresh garden peas. Mrs. L. B. Strahm and Charles Montgomery have stored fresh peaches.

Mr. Deaver explains most of the locker users have found them most valuable when used in connection with refrigerators. This provides a place to preserve the food for a short time after it is taken from the locker.

The co-operative locker idea is now taking root in other areas of Kansas. Several co-operative grain elevator companies contemplate installation of locker plants in connection with the grain business. In other areas, farmers talk of organizing new co-operative associations so they may have cold storage facilities.

For the benefit of those interested in locker installation and use, D. L. Mackintosh, K. S. C. meats specialist, suggests a few essentials for success with locker storage. He has found the most successful systems are those that make provisions for a sharp-freeze room, a processing room for preparation and wrapping of products, and a chill room. Besides these, it is desirable to provide facilities for slaughtering, smoking and curing, lard rendering and processing, and preparing

of fruits and vegetables for storage in lockers.

To make all these services more easily available for Kansas in sparsely populated areas and towns, R. J. Eggert, marketing specialist, explains a plan that has proved highly satisfactory in other states. He points out that several plants, with lockers only, could be serviced by one central plant equipped with efficient facilities for slaughtering and processing.

Under this plan, you could take a hog or beef to this central plant where it would be slaughtered, processed, and wrapped in suitable cuts for storage. The delivery service of this plant would then rush your wrapped products to the locker in your own home town. By use of a central plant in this manner, the home town plant could be a simple establishment containing lockers only. With automatic power control, it could be operated in connection with a filling station or almost any other type of business in which an attendant is nearby most of the time.

A typical charge for slaughtering hogs in Kansas plants now is \$1 to \$1.25 a head, according to information gathered from locker owners and users by Mr. Eggert and F. L. Parsons. The average cost for beef slaughter is \$1.50 a head. Charges for cutting, wrapping, and sharp freezing vary from 1 to 2 cents a pound. The average temperature of lockers thruout the state is 8 to 16 degrees above zero. In a majority of [Continued on Page 18]

Shopping for choice table treats can be a simple matter if you have a cold-storage locker. The camera caught M. L. Deaver, of Sabetha, "raiding" his locker for a select cut of fresh meat. Lockers also hold fresh fruits and vegetables.



A busy place is this plant of the Sabetha Co-operative Produce Company, where 1,300 farmers and townspeople operate their own cold-storage locker plant in connection with their co-operative marketing of eggs and poultry.

Comment

By T. A. McNeal

I AM compelled to admit that I am writing just now while laboring under a feeling of profound concern and discouragement. The outlook for the world in general seems to me to be more uncertain and more freighted with possible disaster than at any other time within my recollection. Even during the World War, with its unprecedented slaughter of human beings and destruction of property, much greater than the destruction of life and property so far in the present war, I had not the feeling of apprehension as to the final result of the conflict that I have at present.

True it was, that in the World War, up to the time we became actually involved in the fighting, the German armies were getting the best of it, but, for some reason, I had a great deal of faith that somehow the Allies would win.

Perhaps they would not have won if the United States had kept out. But it was found after the war ended that even at the time the American armies were actually ready to participate the resources of Germany were virtually exhausted and the last great attack of the German armies on the western front was something like the last increase of flame of a nearly burned-up candle.

So far, in the present war, the loss of life and property on both sides has been very small as compared with the terrific and continuous slaughter in the World War, but while there was much blundering during the first 2 years of the World War there has been even more inexcusable blundering since the present war began.

Perhaps I should say that the present record of blundering began before the war actually commenced. Less than 3 years ago, in my opinion, it would have been possible to put a quietus on Adolph Hitler with very little, if any, loss of life. The steps necessary to stop Hitler were not taken and now it is too late to try them. Apparently, Prime Minister Chamberlain did not have more than a scattering and very imperfect knowledge of conditions in Germany when he announced his intent to draw a circle around it. Neither did he know what conditions were in Poland or in either of the Scandinavian countries. Certainly it was the business of the British government to have an accurate knowledge of the difficulties that must be encountered and what was necessary to overcome them. Ap-

Busy Season on the Farm

By ED BLAIR
Spring Hill, Kansas

I am busy right here on the farm nowadays
Plowing, or planting the seed,
Hoping this year is the one we will raise
Crops that will buy things we need.
Corn, oats, and barley, also something new
I'm testing some new seed to see if t'will do.
Busy? You bet! I bet you are, too.
I'll be in town Saturday night.

My tractor is ready, and also this team,
Steady there—Jennie and Jane!
I let them go slow, hardly moving they seem
But this pair of mares show a gain.
A colt of that Jennie last year took first prize
Down at the fair and it opened their eyes!
I am offered good money for her you surmise?
I'll be in town Saturday night.

The Mrs.? Yes, she's looking after the chicks
That are hatching each hour of the day,
In caring for poultry she knows all the tricks
That help make our little farm pay.
The children in school too, we must not forget
They are the ones that we prize most you bet.
We are working, not fretting, and smile as we
sweat.
We'll be in town Saturday night.

parently, this essential information was entirely lacking. Aid was promised to Poland in event it was attacked, but Mr. Chamberlain should have known that in the event Poland was attacked, it would be impossible to get the necessary aid there in time to avert the disaster. As subsequent events proved, Poland made a very poor showing, but even if it had put up as good a defense as could have been expected, England could not have provided the necessary aid in time.

The most alarming development of the present war is the fact that bombing planes can sink battleships. While the British were inclined to deny the German reports, which probably were exaggerated, it is true that the ships have been sunk and this means that, unless England and France can over-match the German planes, the war may be won by Hitler. It looks as if the warplane may supersede the warship, and in this line there seems to be no doubt that Germany is far in advance of all other nations.

I am not despairing of the final result. I cannot believe that Hitler's plan to completely dominate Europe, and later the entire industrial world, can succeed. But I am compelled to say that the general outlook is most discouraging and it may be that our boasted civilization will be entirely destroyed. I am discouraged by the lack of practical sense that pervades the entire supposedly civilized world.

I would like to believe that the world is growing wiser and better. Certainly the people do know a great deal more than any previous generation could know. But there seems to be a difference, a very marked difference, between knowledge and wisdom. And if we simply know more but have no more wisdom, then our present situation is worse than it would be with less knowledge and at least as much wisdom as we possess now. My definition of wisdom is the ability to distinguish between the useful and the useless, and the ability to use to the best advantage the vast increase of knowledge represented by the hundreds of new inventions. There never was a time in history when it was possible to live with as much ease and comfort as now. There never was a time in the past when a person could be as healthful, as capable of doing something useful as now.

But it is also true that there never was a time in history when there were so many opportunities to waste time as now, and never a time when there were so many opportunities to do the wrong thing and make yourself miserable as now. Also, it is true that while it is possible to live with ease and comfort, with so many opportunities to gain useful knowledge as now, there seem to be more people living in discomfort, more people undernourished, underfed, underclothed, and underhoused than ever before. It is possible to produce more of the things that everybody needs and more of the comforts that they do not actually need but which add greatly to their good health and happiness than it was ever possible to produce in the past. There is no sort of doubt that if all the soil that can be made to produce nourishing food were scientifically cultivated every person living could be amply fed. If all the machinery, all the things necessary to the processing of the materials necessary to make machines, houses, means of conveyance, and clothing were made that can be made now in the world, there would be an actual surplus of

everything that people not only need but also all the luxuries which they may desire and may legitimately possess.

Yet, actually many millions of people are either starving or at least are short of many of these supposed necessities. And the people, even the wisest of the people, have not the wisdom to either produce the necessities or to distribute them when produced.

So, millions go hungry and poorly clad, poorly fed, poorly housed, and miserable, while a comparatively few complain about a surplus.

Perfection or even a near approach to perfection among the children of men is not to be hoped for, because there is no such thing as a perfect human being. But the discouraging feature of the general situation is that I cannot see that the standards of living, that is, the wisdom necessary to take advantage of the increased knowledge of the world and put that knowledge to proper use, are improving.

Cannot Compel to Sign

I GAVE a mortgage 5 years ago on my property and have fulfilled all obligations. Now the bank is demanding additional security saying real estate has declined in valuation. They do not care to foreclose which I prefer to giving additional security.—Kansas Subscriber.

No, they cannot compel you to sign anything. They can foreclose their mortgage, however.

Who Would Inherit?

A MAN has 2 daughters. One of them dies leaving children. The other daughter cares for her parents in their old age. The man dies leaving all of his property to his living daughter making no mention of the other daughter's children. Could these children break the will and obtain their mother's share of the property?—A Reader.

The above question appeared in the last issue of the Kansas Farmer Mail & Breeze, but somehow got mixed up with the wrong answer. Evidently, the answer printed was intended for some other and different question and would give an entirely erroneous impression to the reader. The man had an entire right in this case to will his property as he pleased unless he was survived by wife, from whom he could not will away more than half of his property. Unless there was some defect in the will, these children could not break it.

THE KANSAS FARMER

Continuing Mail & Breeze

Vol. 77 — No. 10.

ARTHUR CAPPER Publisher
MARCO MORROW Assistant Publisher
H. S. BLAKE General Manager

EDITORIAL STAFF

T. A. McNeal Editor
Raymond H. Gilkeson Managing Editor
Roy Freeland Associate Editor
Ruth Goodall Women's Editor
J. M. Parks Protective Service
Dr. C. H. Lerrigo Medical Department
James S. Brazelton Horticulture
Mrs. Henry Farnsworth Poultry
T. A. McNeal Legal Department
Ellis J. Kuehn Art Director

Roy R. Moore Advertising Manager
R. W. Wohlford Circulation Manager

Published every other Saturday at Eighth and Jackson streets, Topeka, Kan., U. S. A. Entered at the post office, Topeka, Kan., U. S. A., as second class matter, under Act of Congress of March 3, 1879.

Please notify us promptly of any change in address. No need to miss a single issue of Kansas Farmer. If you move, just drop a card, giving old and new addresses, to Circulation Department, Kansas Farmer, Topeka, Kan.

One year, 50 cents; three years, \$1.

ROMANCE ON THE AIR

By ISABELL JOHNSTON

Illustrated by James Hogg

EVELYN MEADE loved voices, all of them, childish, gay, fluttery, soft, vital, spirited, melodic, gracious, strong. She remembered them all. No shading was lost to her. At her radio she identified speaker and station by the sound of the voice as truly as by the words.

Best of all she loved the voice of Bruce Kilion, master of ceremonies for the Supper Club. Perhaps partly because his was her favorite program. None other had its homey congeniality, charming refinement, and whimsical style. It was simple, tho, with trifling jokes, playlets, thoughts of the day, lovely vocal numbers, and orchestra.

Bruce's voice was kind without being sentimental, it was gracious but spirited, and it was strong, yet melodic. Evelyn cherished him as the dearest of friends altho she never expected to see him. She was content to draw her rocking chair closer to the radio when the Supper Club came on.

Evelyn first noted a different quality in Bruce's tone when he announced, "We have signed a contract with that beautiful, talented young person, Tressa Lynn, who will now sing for us."

Evelyn worried over the change in Bruce's voice. It didn't sound natural but she couldn't put her finger on the difference. It had some meaning. She went to sleep pondering but awoke later with a start. She knew instantly that the new note was one of eager protectiveness. She recalled his announcement.

"I wonder," she murmured contentedly, and dropped off to sleep again.

"I was right," Evelyn whispered to herself the next day. "He is in love with her. The admiration in his tone when he introduces her gives him away completely."

Tressa Lynn had a lovely voice too, a trilling feminine lilt broken by gay laughter. "Young, beautiful, and charming," Evelyn decided somewhat wistfully.

As the days passed, Tressa's voice became a little more trilly, a bit more fluttery, and her gay laughter rang out more often to blend with the melodic sound of Bruce's laugh and the deeper tones of the boys in the orchestra. Evelyn Meade nodded with satisfaction as she listened at her radio, "She's falling in love with him."

EVELYN knew they were engaged almost before they did. His tone had become possessively proud and protective. Tressa fairly trilled with happiness. She couldn't have kept the admiration out of her voice had she tried and she didn't try. It was a grand program the day their engagement was announced. The boys in the orchestra ribbed them plenty and they loved it. A couple of the boys put on a mock playlet about a bride and groom. It was hilarious but no one laughed harder than the victims of the jokes.

Happy days followed. Evelyn never expected to see Tressa nor Bruce, yet she planned a wedding present, an embroidered bedspread. She worked on it every evening while she listened to the Supper Club.

Then something happened. Evelyn Meade knew for several weeks before she discovered what. Bruce's strained, bitter, hurt tones told her so. He no longer introduced Tressa's numbers with affectionate raillery, just stiff formal announcements. Her infrequent laughter these days was forced, the spontaneous gaiety was gone, altho the trilly feminine tones were still beautiful.

Evelyn worried about them. Her fingers were no longer eager to get at the embroidered bedspread. If she knew what the trouble was, she thought desperately, she might be able to do something about it. Something was happening

Evelyn Meade worked on an embroidered bedspread for a wedding present, every evening while she listened to the Supper Club.

Author Radio Fan



Isabell Johnston was born on her dad's farm not many years ago, went to the State Teachers College, Pittsburg, Kan., and has taught school in Kansas, Idaho, and Wyoming. She is not married. Daily she does most of the family cooking and takes care of the chickens. Her ambition is to be a writer. She also wants to travel and study piano. She likes listening to the radio and reading. "I like stock company plays, even the poor ones," she says, "and I love the informal sociability of a song fest or an evening of bowling."

to destroy their happiness. What, she couldn't figure out.

But soon Bruce announced curtly, "Miss Tressa Lynn is accepting a more attractive offer from a New York studio and will be with us no longer after her present contract expires." With Tressa's formal, rather defiant regret, Evelyn guessed the trouble.

"I'm a silly old woman," she thought, "I should have known before."

Evelyn's heart throbbed in sympathy as she listened to the Supper Club during the ensuing nights. Not that the program was sad or dull. It was still the lovely hour of entertainment it had always been. It was Bruce's bitter desperate tones and the defiant half sob in Tressa's voice that made Evelyn sad. They brought back vivid, uncomfortable memories.

Still it took the announcement that Tressa Lynn had only one more week to sing on the Supper Club program to shock Evelyn Meade into action.

"I'm not going to [Continued on Page 19]"



Farm Matters

I RECEIVE a number of inquiries almost daily asking what are the chances of the United States becoming involved in the present Old World war. These inquiries have increased noticeably in the last month, as a result of Hitler's Norwegian coup and the invasion of Holland, Luxemburg, and Belgium.

I might say the British reverses of the last 5 weeks were not unexpected by military experts in the United States. General opinion of these men thru the winter had been that this would be "Germany's spring." There was little doubt but what Germany would seem to be winning the war before Hitler's spring offensive was completed.

The German war machine is a powerful machine, and it is functioning with precision and effect. The Allies' war machine is not yet geared to its best, cannot, and will not be in high for months to come.

It is the opinion of most of these military experts that Germany cannot win a long war. Hitler must deliver a knockout blow to the Allies this year, or face ultimate defeat. So far, Germany has not delivered a knockout blow; Germany has won a notable, decisive, but, so far, no one knows how far-reaching, minor campaign in the Scandinavian peninsula.

There is little question in anyone's mind back here, I believe, that what might be called the "top-flight" in Washington officialdom feels more strongly than ever, since the Norway incident, that the United States should do more for the Allies—tho they always say "short of war."

Of course, if we keep going farther and farther in, tho "short of war," we will finally wind up just where we did a quarter of a century ago.

If the sentiment thruout the country were not so determinedly opposed to taking part in another European war, there would be an open drive on now, with official backing, to extend credits to the Allies. General opinion is that the credit extension drive, if it is made, will not materialize until fall.

A lot will depend upon the campaign and election results as to the United States' position in relation to the warring nations.

I am as firmly convinced as ever that this European war is not our war, and I am opposed to taking any of the steps that would make it our war. But I hope the Allies will win their war. I believe that the overwhelming sentiment of the American people is the same way.

It is good to hear reports of the good rains much of Kansas is getting. I hope we are in for good rainfall for many years to come. If we are—or whether we are—right now is a good time to push harder than ever for water conservation in Kansas. We need more farm ponds. We need more lakes to impound water. I am doing everything in my power here to get appropriations for federal aid in this matter.

It does not look as if there will be any major legislation affecting agriculture at this session of Congress. The real fight in Congress over future control and future lending and foreclosure policies of the Farm Credit Administration will come next session. Out of the present session, farmers, with mortgages held by the Federal Land Bank system, are assured of a continuation of the 3½ per cent interest for another 4 years.

I have received a number of inquiries as to what I think will be the essential features of the national farm program, from a long range viewpoint. Frankly, that will depend so much upon the extent to which agriculture becomes self-supporting as the years go by. My best judgment is that the Soil Conservation pro-

gram has come to stay, tho its administration may be modified from time to time. Other features of the present farm program appear to me to be in the experimental stages. What part government will take in protecting wheat, cotton, corn, tobacco, and rice growers from the effects of shrinking domestic markets is still pretty much of a question. Parity payments to these producers are not going to be continued indefinitely unless some way is found and used to afford permanent financing, in my judgment. A lot will depend upon what post-war adjustments in trade are made.

New Crop Uses

I AM glad that so much attention is being given by so many agencies to finding new uses for farm products.

The corn crop, for example, is in for constant investigation from both production and consumption angles. On the one hand we find that hybrids increase yields. Then the laboratories tell us that just recently a new corn product, twice as sweet as corn sirup, has been put to practical use in the confectionery field. An outstanding university describes a sirup obtained from the starch in sweet potatoes. Ordinary potatoes already are yielding starch, flour, paste, plaster, imitation stone, wall board, floor tiles.

Wheat flour is being used as a sizing material in making cloth; wheat bran now helps finish leather. Making high-grade paper from low-grade cotton is a reality. The dairy industry now supplies some 15 million pounds of casein a year to be used in casein paint, representing the casein content of 1½ billion pounds of milk.

Chemists are constantly astonishing us with their findings.

I feel confident that developing new industrial uses for farm products has almost unlimited possibilities. It should be encouraged.

Arthur Capper

Washington, D. C.

By George Montgomery, Grain; Franklin L. Parsons, Dairy, Fruits, and Vegetables; R. J. Eggert, Livestock; C. Peairs Wilson, Poultry.

(Probable changes in feed and carrying costs have been considered in forming conclusions.)

I usually raise a small flock of turkeys, but I didn't make much money last year. Do you think I can make a profit this year?—Mrs. O. T., Clay Co.

Number of turkeys raised in the United States last year was the largest on record and prices were low. It is expected that there will be some reduction in the number of turkeys produced in the commercial producing areas, but the number produced in farm flocks will be larger. It seems likely about as many turkeys will be produced in the United States in 1940 as in 1939. Storage stocks of turkeys also are unusually large. Turkey prices probably will be nearly as low in 1940 as in 1939. Feed prices will be higher, at least during the early

part of the season, than they were last year, so the chances for good profits from turkeys in 1940 are rather poor.

I know these stocker prices are plenty high, but I have a lot of grass. Can I hold my money together by carrying some cattle thru the sum-

Trend of the Markets

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

| | Week Ago | Month Ago | Year Ago |
|---------------------|----------|-----------|----------|
| Steers, Fed | \$11.75 | \$10.75 | \$11.00 |
| Hogs | 5.80 | 5.90 | 6.80 |
| Lambs | 10.85 | 10.60 | 10.25 |
| Hens, 4 to 5 Lbs. | .13½ | .14 | .13½ |
| Eggs, Firsts | .15½ | .15½ | .14 |
| Butterfat, No. 1 | .23 | .24 | .19 |
| Wheat, No. 2, Hard | 1.08 | 1.09½ | .80½ |
| Corn, No. 2, Yellow | .71½ | .68 | .51 |
| Oats, No. 2, White | .42½ | .43 | .33 |
| Barley, No. 2 | .58 | .57 | .44 |
| Alfalfa, No. 1 | 17.50 | 17.50 | 12.00 |
| Prairie, No. 1 | 8.50 | 8.50 | 8.50 |

mer and selling off grass next fall?—J. E. M., Greenwood Co.

Yes, probably, but that's about all. Returns from this project will depend largely on range and feed conditions during the summer and fall months. If the feed crop is average or above average, the strong replacement demand is expected to continue, and high fat cattle values may offset the usual downtrend in stocker and feeder prices. Profits, however, probably will be dependent on low-cost grains rather than on wide margins. Good-grade, thin yearling steers seem to offer the best opportunity, but a good alternative may be to wait another 30 days, buy some short-fed, medium-to good-grade yearlings and plan to market them as slaughter cattle by late September or early October.

This hog market has lost about one-half of the recent price advance. Do you expect a further drop in prices?—J. B., Brown Co.

Yes, an additional drop in hog prices is expected during the next 4 to 6

weeks. In fact, it is probable hog prices will closely approach the previous low. Heavy marketings from the large fall pig crop are expected to be the important price depressing factor. While speculative influences may tend to delay marketings, this factor is expected to be offset by the unfavorable hog-corn ratio which usually encourages early liquidation. However, a substantial recovery in prices is expected by late July and August.

I will need considerable feed before new corn is available next fall. Should I buy before corn goes any higher?—J. B. F., Leavenworth Co.

Developments in Europe, and with holding of corn from market, have boosted corn prices sharply. But it is still expected that corn can be bought for less money in late July and August, and barley and oats probably will be cheaper. Supplies of corn are the largest on record. If part of these supplies move into the market, lower prices will occur, especially if there are prospects for a large new crop.

APPLES IN BLOOM

Honored by Four Gala Days

By JAMES SENTER BRAZELTON



Mary Aileen Benn, who was crowned Queen of the Apple Blossoms at Troy on May 1.

THIS widely famous apple district was treated to 4 gala days in a row when Troy led off on May 1 with the crowning of Mary Aileen Benn as Apple Blossom Queen of Doniphan county. Preceding the coronation ceremony was the annual blossom tour over a newly-marked trail, a winding 20-mile route thru 4,000 acres of apple orchards.

Troy's celebration was followed by St. Joseph's beautiful Apple Blossom Festival, sponsored by the Missouri River Apple Growers and the St. Joseph Chamber of Commerce. A colorful pageant of gorgeous floats, band contests, vaudeville acts, dancing, a baby parade, a doll parade, a pet parade, and a bicycle parade were highlights of this big, 3-day event.

Visitors here witnessed a bloom that is much better than the orchard men anticipated. The severity of last winter and the immense crop the trees matured last fall was a combination that gave little hope for profuse blossoming. But, despite these handicaps, the bloom is more than satisfactory in most orchards. This seems to be the general condition thruout the whole country for the Agricultural Marketing Service reports apple trees in nearly all commercial areas came thru the winter with virtually no damage from cold weather and with injury to fruit buds from early spring freezes negligible.

George W. Kinhead, secretary of the Kansas State Horticultural Society, has returned from Rochester, N. Y., where he attended the annual meeting of the National Apple Institute and was a delegate to the National Industry Planning Committee which met in conjunction with the institute. The apple export situation came in for a good deal of attention at these meetings. It was pointed out that apple production has been developed in the United States for more than three-quarters of a century on the basis that a substantial portion of the crop would be exported.

When our leading customers became involved in war, apple exports declined 72.6 per cent. This meant that from 10 to 12 million more bushels had to be consumed at home. The way this was accomplished has been a reason for hope, and it was the general feeling of the leading growers from 22 apple states that the apple industry can market its crop at a profit without any export market whatever, if it will double the efforts to develop consumer demand. The problem can be met, it is said, if the industry is willing to do certain things. One of these is to keep culls and poor fruit off the markets.

Curtailement of apple exports was felt in this section when Eastern apples found their way into Missouri Valley territory, competing directly with our product. Apple growers, as a result, are beginning to consider seriously the necessity of changing their packing methods if they are to meet such competition advantageously. There are 2 main defects with the apple pack used in this district: Lack of uniform size and damage received by apples during storage in baskets. Some districts are now sizing apples to a quarter of an inch, thus affording a uniform size and making for a much better retail display. Apples of various sizes do not make a pleasing appear-

ance when they are displayed in the pyramidal style so often used in modern grocery stores.

Much thought is being given to eliminating the ring-face bushel basket pack and, in its place, using a jumble-box pack. The ring-face no longer fools anyone and, as only about 10 per cent of the apples are sold in the original package, why go to the trouble and expense of making the face, it is argued.

The jumble-box pack affords a consistent pack from top to bottom. It is estimated that, on the average, about 40 per cent of the apples in a basket bushel are damaged more or less because of being packed in baskets. Boxed apples receive much less damage in storage, and boxes pack more compactly.

There seems to be a difference of opinion in this district regarding the question of keeping the poorer grades of apples off the market. The tendency of everyone who has apples to sell is to get what he can out of his culls. This is probably what happens in every

commercial apple section, for the National Industry Planning Committee recommends that each apple state pass laws eliminating the unclassified grades and requiring that apples be marked according to established grades whenever offered for sale, including the retail stores; and culls and other unidentified grades be marked prominently as "culls." Missouri and Washington now have such laws in operation.

Apple juice plants are springing up in every part of the country. They are making a delicious beverage and putting it in cans. Perhaps the plant nearest us is the one at Nebraska City. Apples used in the manufacture of this promising new fruit juice are perfect in every detail except size. Canned apple juices of high quality and sales appeal offer prospects of a valuable outlet for some of the sub-standard apples that now flood the fresh fruit market. This community could make good use of a juice canning plant to dispose of our small apples.

You'll take more pride . . . more comfort
. . . more pleasure . . . in owning
"THE LONGEST OF THE LOT"



The Master 85 Town Sedan, \$699*

THE VERY LONGEST OF ALL LOWEST-PRICED CARS

From front of grille to rear of body—for length where length counts—Chevrolet for '40 out-measures all other cars in its field!

You want your money's worth when you buy that new automobile! . . . You want *the longest of all lowest-priced cars!* . . . You want a big, roomy Chevrolet for '40—measuring 181 streamlined inches from front of grille to rear of body!

You'll get a lot more pride out of ownership of this car, because its extra length, like its New "Royal Clipper" Styling and Body by Fisher, means extra beauty, extra richness, extra luxury.

You'll get a lot more comfort out of it, too, because its extra length also means extra riding-smoothness over all types of roads.

And you'll also get a lot more pleasure, because, in addition to out-measuring all other lowest-priced cars, Chevrolet out-accelerates, out-climbs and out-performs them, too.

The best proof of these extra values is that Chevrolet is winning more buyers than any other motor car, for the ninth time in the last ten years! Better eye it—try it—buy it—today!

CHEVROLET MOTOR DIVISION, General Motors Sales Corporation, DETROIT, MICH.

Eye it..
Try it..
Buy it!

\$659

MASTER 85 BUSINESS COUPE
Other models slightly higher

*All models priced at
Flint, Michigan.

Transportation based
on rail rates, state
and local taxes (if
any), optional equip-
ment and accessories
—extra. Prices sub-
ject to change without
notice.

"CHEVROLET'S First Again!"

TESTED and PROVED

ON THOUSANDS OF FARMS

Pumps 30% More Water



● The only streamlined windmill that has been thoroughly tested and proved in actual service. Three years on the market. Thousands in use in every part of the U. S. and many foreign countries. Everywhere it has demonstrated amazing superiority. Revolutionary new principle. U. S. Patent No. 2,049,655.

STAR ZEPHYR
THE STREAMLINED WINDMILL

Gets more power from lighter breezes because new-type streamlined blades give equal speed and pulling power throughout entire length. Costs no more than old-type mills. Combines improvements developed by 75 years of experience.



HOOSIER

ELECTRIC PUMPS
New big value models take less space. Save money on first cost and operation. Complete line for DEEP or SHALLOW WELLS. Many exclusive features. Ask your dealer or write us for free catalog.

FLINT & WALLING MFG. CO.
544 OAK ST., KENDALLVILLE, INDIANA

DISTRIBUTORS:
COLLADAY HARDWARE CO., Hutchinson

Attention - Ranchers and Cowboys

FREE CATALOG IN COLORS

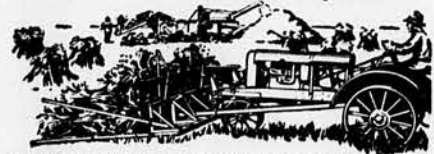
SHIRTS · CHAPS
SCARFS · HATS
BELTS · BOOTS
SADDLES · BITS · SPURS

NEW FREE Catalog in colors shows complete line of leading Standard Goods... Stetson Hats, Nocona Boots, Levi and Pendleton Products, Crockett Bits and Spurs, and Famous Miller Western Wear.

Largest Exclusive Cowboy and Stockman Supply House. Same day shipping service. We pay the postage. Write for free illustrated catalog today.

STOCKMAN-FARMER CO.
1618 LAWRENCE ST. DENVER, COLO.

Field to Thresher
Quickly with an EPOC Sweep Rake!



Write for catalog and prices on our new Steel Tractor Sweeprakes made for nearly all makes of Tractors,—just the thing for sweeping grain shocks or any kind of hay; also Wood and Steel Stackers and Horse-drawn Sweeprakes.

WESTERN LAND ROLLER CO Box 64 Hastings, Nebraska



Before you buy

Investigate the NEW K-M concrete stave silo. Reinforced curved stave made under the direction of M. T. Lindsey who has sold, manufactured and built more silos in Kansas the past fifteen years than any other man in the industry today.

THE KANSAS-MISSOURI SILO COMPANY
Topeka, Kansas
The fastest growing silo company in the Middle West.



NATIONAL Vitrified TILE SILOS

Everlasting TILE SILOS. Cheap to install. Free from trouble. Steel reinforcing every course of tile.

NATIONAL TILE SILO COMPANY
518 R. A. Long Bldg. Kansas City, Mo.

1,000 F. F. A. BOYS

Meet for Annual Contests

NEARLY 1,000 of the most capable farm boys in the state gathered at Manhattan April 29 and 30 for the annual convention and judging contests of the Kansas Future Farmers of America. Representing every part of the state, these youthful farm leaders elected new officers and competed for prizes in various kinds of agricultural endeavor.

For their new president, they chose Raymond Kaup, of Smith Center. Grant Poole, Manhattan, is the new vice-president, and Phillip Cooper, of Chanute, was elected reporter. John Lawrence, Winfield, and Burton DeBaun, of the Washburn rural high school at Topeka, were chosen as secretary and treasurer, respectively.

With teams from 112 schools competing in agricultural judging contests, it was apparent that Kansas State College could make good use of more than a new field house. For educational events such as this, a new judging pavilion would increase the efficiency of valuable work that affects



Newton high school claimed highest honors in the agricultural division of the state high school judging contest. Front row, left to right—William Phillips and Melvin Balding. Back row—R. M. Karns, coach, and Kenneth Meiers. Phillips was high scoring individual of the contest.



New officers of the Kansas Future Farmers of America. Front row, left to right—John M. Lawrence, Winfield, secretary; Grant Poole, Manhattan, vice-president; Raymond E. Kaup, Smith Center, president. Back row—Prof. A. P. Davidson, Manhattan, state executive adviser; Burton DeBaun, Washburn Rural High, Topeka, treasurer; and Phillip Cooper, Chanute, reporter.

thousands of farm boys thruout the state each year.

Ranking at the top of these 112 groups was a team from the Newton high school, composed of William Phillips, Melvin Balding, and Kenneth Meier. This team was coached by the veteran instructor, R. M. Karns. Other teams and their coaches in the high 10 ranked in order as follows: Tonganoxie, R. L. Welton; Wamego, H. P. Walker; Waterville, H. E. Frank; Manhattan, H. L. Kugler; Lebanon, F. A. Blauer; Stockton, L. I. Thomas; Chanute, E. L. Collins; Reading, L. O. Gugler; Lawrence, Wm. R. Essick.

The high 10 individuals, named in order, are: William Phillips, Newton; Glenn Neely, Chanute; Del Wilson, Manhattan; Harold Riley, Holton; James Marshall, Reading; Donald Leighty, Tonganoxie; George Steltar, Abilene; Kenneth Worthing, Wamego; Kenneth Hillman, Paola; and Ralph Dodd, Morrowville.

Western Kansas came to the front as Walter May and Wayne Larson, of Oberlin, registered the highest score in farm mechanics events. These boys were coached by Lester R. Chilson. The Manhattan team, coached by H. L. Kugler, was second. Other teams in the high 10 followed in this order: McPherson, McCune, Hill City, Greenleaf, Colby, Norwich, Kingman, and Neodesha. Walter May, of the Oberlin team, was high individual in the farm mechanics contests.

Highest scoring livestock judging team came from Abilene. Fred Ellison was the coach. Manhattan was second and Wamego ranked third. Waldon Cox, of Mound City, was the high individual. In dairy judging, the Chanute team, coached by E. L. Collins, won first place. Newton was second, and the Trego county community high

school was third. The high individual in dairy judging was Lloyd Adams, of Chanute.

The Tonganoxie team, coached by R. L. Welton, ranked first in poultry judging. Second place went to Waterville and third to the Atchinson county community high school. Wayne Powell, of Lawrence, was the high individual. Newton was the top team in crops judging, with Ottawa and Howard following in second and third. William

Phillips, high individual of the entire contest, was also the high scorer in crops judging.

In farm power competition, first place went to Glenn Fields, Colby. Walter May, Oberlin, was high scorer in farm machinery, concrete work, and welding. Ray Doyan, Concordia, was first in roof framing, and in sheet metal work.

Best speaker in the eleventh annual public speaking contest was Russell Barrett, of McPherson. John Walters, of Olathe, ranked second, and John McCall, Lebanon, was third. Ten chapters and the advisers, judged for having planned and executed the best programs of work for the year include: Chanute, Elery Collins; Clay Center, R. U. Perrill; Highland Park (Topeka), F. E. Carpenter; Lawrence, W. R. Essick; Lebanon, F. A. Blauer; Linn, C. C. Milligan; Manhattan, Harold Kugler; Shawnee Mission, H. B. Carver; Smith Center, Paul Gilpin; and Winfield, Ira Plank.

The Future Farmers of America is a nation-wide organization of farm boys studying vocational agriculture in high school. There are now more than 125,000 members, and it appears probable that 1940 will be the banner year for this fine group of boys. Not many 10-year-old organizations are as husky as the F. F. A.



Oberlin high school captured first place in the farm mechanics division of this year's state vocational agriculture contests. Left to right—Walter May, Lester R. Chilson, coach, and Wayne Larson. May was high individual of the entire farm mechanics division.

Many Guernseys Shown

ABOUT 1,225 people attended the 4 district spring Guernsey shows held over the state the latter 2 days of April and first 2 days of May. A total of 52 herds competed.

The Central Kansas show held at Salina on April 29 was attended by about 150 people. Seventeen herds were shown. Marysville was host to the Republican-Blue show on April 30. About 75 people attended and 5 herds were shown. More than 250 attended the Northeast Kansas show at Horton on May 1, with 10 herds competing. The large number of 750 attended the Southeast Kansas show at Girard on May 2, and 20 herds competed.

Following are the exhibitors and winners:

Central Kansas Guernsey Show, Salina

Exhibitors—M. A. Hensley, E. A. Dawdy, Frank Yost, Salina Guernsey Dairy, Alvin Young, Chas. H. Bletcher, Melvin Divilbiss, R. H. Graham, Jo-Mar Farm, A. V. Kline and Son, Wm. H. Odgers, E. R. Fulker, all of Salina; T. R. Conklin, Abilene; I. G. Walden, New Cambria; H. H. Hiebert, George S. Jost, and L. G. Jaeger, Hillsboro.

Blue ribbon winners—E. A. Dawdy, Alvin Young, Jo-Mar Farm, M. A. Hensley, and George S. Jost.

Kansas Farmer judging contest winners—J. L. Nelson, Wichita; Ed Hershberger, Newton; W. L. Schultz, Durham; Melvin Divilbiss, Salina; and George S. Jost, Hillsboro.

Republican-Blue Show, Marysville

Exhibitors—George H. Nieman, Joe Rombeck, and Frank Williams, of Marysville; Clair Givens, Manhattan; and Vernon Robertson, Washington.

Blue ribbon winners—George H. Nieman, Clair Givens, Frank Williams, Joe Rombeck, and Vernon Robertson.

Kansas Farmer judging contest winners—Wayne Livingston, Carl Scholler, and George H. Nieman, of Marysville; Glen Spafford, Belvue; and Dale Pressnell, Munden.

Northeast Kansas Show, Horton

Exhibitors—Ransom Farm, Home-wood; J. W. McManigal, George W. Schuetz, Charles Perkerson, and Walter Schesser, of Horton; Vanroy W. Miller, Lawrence; W. W. Babbit, Vinland; Eckman Brothers, Baldwin; Keith Van Horn, Sabetha; and Gale Mellenbruch, Willis.

Blue ribbon winners—Ransom Farm, Keith Van Horn, Charles Perkerson, Walter Schesser, Vanroy W. Miller, George W. Schuetz, and Eckman Brothers.

Kansas Farmer judging contest winners—John Penny, Lawrence; Emmett Schuetz, Horton; Keith Van Horn, Sa-

betha; Ed Eckman, Baldwin; and Elton Hoyt, Ransomville.

Southeast Kansas Show, Girard

Exhibitors—Bill Hall, Coffeyville; Carlyn Dean Watson, Crawford Co. Farm, Elmer L. Harr, Girard; J. P. Knott, Carl Schoenhofer, and Leroy Fugate, Walnut; James Dunkin, Daniel Paradee, Columbus; Sun Farms, Feess Paramount Dairy, Parsons; L. M. Good, Liberty; J. Harold Cowen, W. W. Root, Fort Scott; A. W. Knott, Jr., Paul R. Johnson, Independence; J. H. Hill, Erie; George Samp and Son, McCune; Eldon Ray Springer, Galesburg; and Jack Cherry.

Blue ribbon winners—Sun Farms, J. H. Hill, Paul R. Johnson, James Dunkin, and Carlyn Dean Watson.

Kansas Farmer judging contest winners—C. D. Gibson, Thayer; Ernest Knott, and Guy Taylor, Walnut; Claude Henny, Parsons; and Mrs. D. E. White, McCune.

Likes Farming on the Level

Talk about inconveniences of farming on the contour is wrong, according to the experiences of Earl D. Lupton, of Gray county. Mr. Lupton has 880 acres of land in cultivation and all of



"Wait, Pa! The KANSAS FARMER did come after all! It just dropped behind that bush next to the mailbox!"

it is terraced. Not only that, every bit of it is farmed on the contour.

Mr. Lupton declares that convenience of farming on the level, rather than up and down slopes, more than offsets the inconvenience of farming curves and point rows. He says his terraces have brought about tremendous savings of moisture in dry years. He explains that after a big rain, each terrace channel gives the appearance of a long, narrow lake along the hillside, and practically all of this water would be lost without terraces.

Kansas Farm Calendar

- May 22-23—Agronomy Field Days, Kansas State College, Manhattan.
- May 31—All-State Conservation Day, Parsons, Neodesha, Iola, Burlington, Ottawa, Oskaloosa, Wellington, Council Grove, Marysville, Kingman, Mankato, Hays, and Liberal.
- June 6-7—Midwest Vocational Agriculture Lamb Show and Sale, Kansas City Stock Yards.
- June 12-19—National 4-H Club Camp, Washington, D. C.
- June 22—Kansas Cattle Feeders' Day, Kansas State Agricultural College, Manhattan.
- July 15-17—National Dairy Council, Annual Summer Conference, Chicago.
- September 2-7—Southwest Free Fair, Dodge City.
- September 8-14—Kansas Free Fair, Topeka.
- September 14-21—Kansas State Fair, Hutchinson.
- September 30-October 6—Dairy Cattle Congress, and National Belgian Horse Show, Waterloo, Ia.
- October 1-3—St. Joseph Inter-State Baby Beef and Pig Club Show, St. Joseph, Mo.
- October 12-19—National Dairy Show, Harrisburg, Pa.
- November 9-16—American Royal Live Stock and Horse Show, Kansas City, Mo.

"Reduced My Tractor Expense by 35%"

L. C. CARPENTER
DES MOINES, IOWA



"I've used Mobiloil 3 Years—
No adding between drains...no
sludge...little or no carbon"

IF YOU'RE ANXIOUS to reduce costs *without sacrificing* vital engine protection, listen to what Mr. L. C. Carpenter writes from Iowa.

"My expenses for tractor fuel and upkeep have *dropped 35%* since I changed to Mobiloil three years ago. What's more, *I haven't lost one day's work* on account of engine breakdown."

Let Mobiloil duplicate this record on *your* farm. It's especially refined to reduce "oil drag," sludge and carbon formations—to retard wear with famous "Balanced Protection." *Change today!*

USE THESE MONEY-SAVING PRODUCTS ON YOUR FARM

MOBIL OIL gives your cars, farm engines *all* good oil qualities.

MOBIL GAS—a scientific blend of power, mileage, smoothness.

MOBIL GREASE NO. 2—Excellent general-purpose grease for farm machinery.

POWER FUEL and white gasoline—two smooth, even-burning, economical fuels.

MOBIL OIL GEAR OILS in the right grades for *your* equipment.

BUG-A-BOO kills insects quickly.

SANILAC CATTLE SPRAY—Non-caustic; effectively protects your cattle all day.

SOCONY-VACUUM OIL Co., INC.

Winning Public Speaker



Russell Barrett, of McPherson, winner of the 11th annual public speaking contest, held in connection with the recent state convention and judging contests of the Kansas Future Farmers of America.

Mobiloil

For Balanced Protection



SEE HOW TOUGH-FILM PENNZOIL Saves You Money 3 Ways

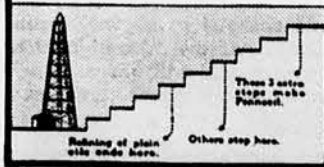


SOUND YOUR "Z" TO GET THESE SAVINGS

If you're looking for a new way to cut high operating costs on your car, truck or tractor, sound your "Z"—get the Pennsylvania oil that gives your motor an extra margin of safety—PennZoil. Three extra refining steps remove sludge-forming impurities from PennZoil. Result: With PennZoil, valves and piston rings stay clean. Motors run smoother, easier—use less fuel, less oil. Diesel Operators! Get PennZoil's approved Diesel oils for more hours of trouble-free operation.

Here's One Way PennZoil Helps Keep Motors Clean

Sludge has no mercy on your car, truck or tractor. It clogs valves, coats piston rings, slows down your motor. PennZoil's extra steps remove sludge-forming impurities. See chart below:



(Right) PennZoil's new 5-gal. utility can

YOU NEED THIS BOOK!
Packed with handy hints on care of tractors and farm machinery, this booklet will save you time, trouble and money. Send 10c to The PennZoil Co., Oil City, Pa., or see your PennZoil dealer for order blank.

Get STALEY'S 25¢ CHIX-SKRIP When You Buy Your Chicks

BUY quality chicks from hatcheries using this chick box label and get the extra value of STALEY'S 25c CHIX-SKRIP. This CHIX-SKRIP in combination with a tag from a 100-lb. bag of Four Bells Starter & Developer, is worth 25c!

For this CHIX-SKRIP and the tag you can get 25c credit from the hatchery, or your Staley feed dealer, on the purchase price of the 100-lb. bag of Four Bells Starter & Developer you buy. For the names of hatcheries using Staley's 25c Chix-Skrip, write to

STALEY MILLING COMPANY, Kansas City, Missouri

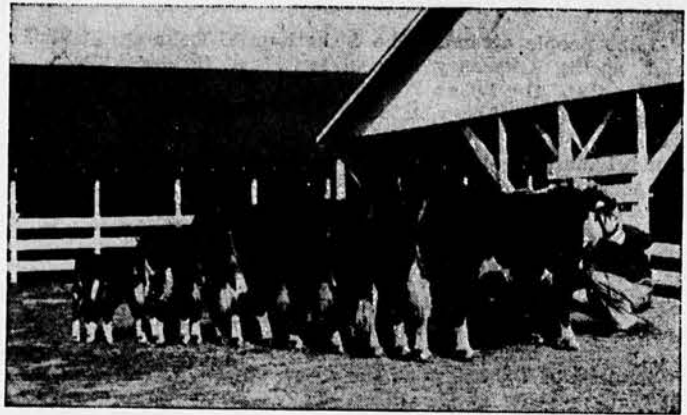


Give your chicks an extra boost on the road to health and growth by starting them off with FOUR BELLS Starter & Developer. It is an extra strong, scientifically balanced, 18% Protein feed containing 29 different ingredients—8 vitamins. In Mash or Vita-Sealed Pellets. See your nearest Staley Feed Dealer or Hatchery for a supply at once!

STALEY FEEDS

for POULTRY, CATTLE and HOGS

SALINE'S BEST HEREFORDS



To represent the county, this herd was chosen at the first Saline county annual spring Hereford show held at Salina recently. The herd consists of 5 bulls and 5 heifers all calved after January 1, 1939. Elmer L. Johnson has 3 head in the herd; Herman Miller, 1; E. E. Sundgren and Sons, 1; E. B. Toll, 1; and CK Ranch, 4.

Children's Very Own Day

By LEILA LEE

SOON many churches will be observing that special day set aside for children in most Sunday schools throughout the United States. Usually Children's Day is the second Sunday in June, altho the date varies in different localities. It is customary to devote the morning church service or a special one in the afternoon to the children, who have a large share in the program.

When this day was first observed, flowers were so much emphasized, that it was called Flower Sunday, and in some places it is still so designated. The first observance of the day was about 73 years ago.

If you are searching for entertainment ideas for Children's Day, perhaps our pageant, "Children of America," will fill your needs. This pageant is planned to be as flexible as possible so that it will fit any existing situation. Suggested music may be changed to fit individual needs. Some of the scenes may be omitted if you desire the pageant to be shorter. Speaking parts have been cut to a minimum, so it will be easy to stage the pageant without elaborate preparation and rehearsal. This pageant is suitable for any number of children. Costumes may be devised from materials found in most homes.

In addition to the pageant, the last 2 pages of the leaflet are devoted to short verses for the younger children to speak.

Send your request for the pageant, "Children of America," to Leila Lee, Kansas Farmer, Topeka. Include 3 cents for mailing costs, please.

Old Idea Makes Money

Cloverleaf Winners 4-H Club, of Wilson county, near Neodesha, cleared \$14 recently on a pie supper, showing it isn't always necessary to think up new ideas to make money, but, rather, different ways of doing the same things. Consequently, the Cloverleaf Winners always have their annual pie supper in the spring instead of in the fall, when most rural schools are entertaining.

They have a varied program designed to interest the greatest number of persons, lasting at least one hour, besides the contests and auction of boxes. It is held in an unoccupied schoolhouse just 1 mile west of town.

This year the program consisted of a one-act play by a rural P.-T. A. from another district, a male quartet from Camp Bogue, an accordionist and a talented reader from Neodesha, and the one-act play, "While the Toast Burned," which won second place for the Cloverleaf Winners at the 4-H Sub-District Festival held in Fredonia, March 16.

The club uses its money for Christ-

mas baskets every year, delegates' expenses, and club parties.—Meredith Cassel, Secretary Cloverleaf Winners 4-H Club.

Thank you for writing, Meredith. Let's have more letters about what some of you are doing in your club work.—Leila Lee.

Record High for 4-H Clubs

A new enrollment peak in 4-H Club work was reached in 1939, with more than 1,381,500 boys and girls belonging to some 79,500 4-H Clubs in the 48 states, Alaska, Hawaii, and Puerto Rico. This record membership is an increase of more than 95,000 members over the preceding year. With some 555,600 boys and girls joining 4-H Clubs for the first time last year, more than 8 million boys and girls in all have received 4-H training since this valuable work became nation-wide in 1914.

All Girls in This Club

The only all-girls' 4-H Club in Sheridan county is the Selden Tip-Toppers 4-H Club in Selden. For 2 years this club has had no boy members and has had 12 girls under the leadership of Mrs. Charles Heisz. Last year they won a gold seal. The girls in this club have clothing as their main project and have won many prizes on their work. The girls also have had a sheep project by Mildred Hase, and a dairy project belonging to Geraldine Heisz. Poultry projects also are good in this club, and the members are hoping to have some prize winners at the county fair this year. Many of the girls plan to take up gardening and canning this year. The proceeds from a doughnut sale the girls conducted recently netted them \$5.02, which is to be applied on the purchase of a phonograph with 4-H Club music appreciation records for use in their club work.

Games for Outdoors

At this time of year, everybody likes to be out-of-doors. Picnics and outings are the order of the day. Just before the "eats" are ready, or just after they are taken care of, is a good time to play some games. We have a leaflet of games which are just the thing for outdoor parties. Address your request for this leaflet to Leila Lee, Kansas Farmer, Topeka, including a 3-cent stamp to cover mailing costs.

Bran Beats Cottonseed Meal

In Cattle Protein Tests at Hays

GATHERED at Hays for the 27th annual Cattlemen's Roundup, April 27, several hundred Kansans heard how \$22 worth of wheat bran made as many pounds of beef as \$37.50 worth of cottonseed meal. Reporting on results of cattle feeding tests at the Hays Experiment Station, Dr. C. W. McCampbell told that 2 pounds of wheat bran had proved equal to 1 pound of cottonseed meal as protein supplement in feeding stock calves.

Average cost of cottonseed meal during the experiment was \$37.50 a ton. The wheat bran, purchased at \$11 a ton, gave by far the most economical gains. With 2 pounds of wheat bran doing the job of 1 pound of cottonseed meal it is easy to decide which to feed. Bran will be the most economical gain producer just as long as the price is less than half the price of cottonseed meal.

Results of the tests indicated also that 3 pounds of wheat bran produced appreciably more gain, and 1 pound of bran produced less gain than 1 pound of cottonseed meal. In a test with yearlings, 2 pounds of wheat bran produced significantly more gains than 1 pound of cottonseed meal. Atlas silage was fed with the different protein supplements.

Gains of another lot receiving alfalfa as the protein supplement, indicated that 3 pounds of alfalfa hay are equal to 2 pounds of wheat bran or 1 pound of cottonseed meal. Grinding the 3 pounds of alfalfa hay did not increase its feeding value, either for the calves or for the yearlings.

Dr. McCampbell explained that the protein problem is the most important problem confronting Kansas cattlemen of today. He declared feeders who neglect to provide necessary protein rob themselves of considerable net return. Dr. McCampbell emphasized the importance of protein for cows raising calves. He explained that the new born calf is made of water, protein, and a little mineral. The cow can supply water and mineral from her own body, but she cannot rob her own body of protein for the development of her calf.

Speakers and visitors at the annual cattlemen's event were liberal in their praise of the Hereford cow herd built up by L. C. Aicher, superintendent of the Hays station. As described by Prof. F. W. Bell, of Kansas State College, the thick, deep-bodied, broody mothers are the kind we need more of, to produce market-topping beef cattle.

Speaking before the afternoon session, Dr. W. M. Jardine, president of the University of Wichita, advised the Western Kansas farmers to raise more feed crops and livestock. A. F. Swanson, in charge of cereal crops at the Hays station, discussed the value of sorghums for cattle feeding, and Francis H. Arnold discussed activities of the Kansas Livestock Association. Harry Floyd, editor of the Kansas Stockman, explained the brand law and suggested that stockmen interested in obtaining any certain brand should make immediate application because

applications are "pouring in" at a rapid rate of speed.

On Friday, preceding the cattlemen's roundup, nearly 1,000 vocational agriculture and 4-H boys and girls gathered at the Hays station for the annual judging contests. Supervised by Prof. F. W. Bell, J. J. Moxley, and H. E. Bechtel, the livestock judging division attracted 41 high school teams and 93 4-H teams. The winning high school team, from Belleville, was composed of Melvin Morley, Hal Ramsbottom, and Lawrence Levendofsky. The coach was R. W. Russell. Second place was won by a team from the Decatur Community High School, coached by Lester Chilson. The Lebanon High School team, coached by F. A. Blauer, was third. High individual was Brownie Harrison, of Phillipsburg. Melvin Morley, of Belleville, was second, and Lawrence Verbrugge, of Downs, was third.

In the 4-H contest, first place was won by Pawnee county. Coached by C. C. Conger, the team was composed of Elvin Crockett, Robert Doll, and Roger Fox. Ford county and Rush county won second and third; the teams were coached by F. D. McCammon and Frank Zitnik, respectively. Leroy Benda, of Thomas county, was high individual in 4-H judging, while Donald Mathews, of Edwards county, was second and Elvin Crockett,

of Pawnee county, merited third place.

In grain judging, the top high school team was from Coldwater. Members of this team were Bill Robbins, J. K. Smith, and Wade Mark. They were coached by LeRoy E. Melia. A team from the Delphos high school, coached by H. W. Schaper, was second, and Osborne was third. E. F. Yoxall coached the Osborne team.

Best 4-H grain judging team was from Delphos. Composed of Daniel Bourne, Clayton Hogg, and Carl Adolphson, the team was coached by H. W. Schaper. A team from Osborne, coached by E. F. Yoxall, was second, while third place was won by the Banner 4-H Club team from Collyer. This team was coached by Roy E. Wilds.

Phillipsburg Celebrates

Fifteen high school bands, a mile-long street parade and a crowd estimated at 20,000 helped Phillipsburg celebrate the dedication of the world's first co-operative refinery there on May 4. The plant was started last summer and completed in January. Costing \$750,000, it was financed by the sale of stock and with the assistance of the Wichita Bank for co-operatives. The refinery is connected to oil fields in nearby counties by a 70-mile pipe line and has a capacity of 3,000 barrels of crude oil a day. It is owned by the Consumers Co-operative Association, organized in 1929, which is controlled by 21 directors. Ralph Snyder, president of the Wichita Bank for Co-operatives, delivered the dedication address.

Most popular feature of the big event was the barbecue, a free feed which used up 30,000 buns, 3,600 pounds of beef, 1,500 pounds of beans, and 800 gallons of coffee.

Will Produce Hybrid Seed

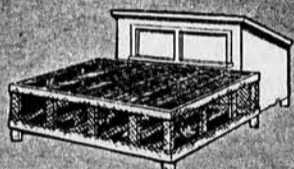
For the purpose of producing hybrid corn on a large scale, 10 Northeast Kansas farmers have formed a corporation. Having applied to the secretary of state for a charter, they expect to plant a large acreage for production of hybrid seed.

The company is to be officially known as the Kansas Independent Hybrid Corn Producers Association. President of the organization is O. J. Olsen, prominent Kansas corn producer and showman of Horton. Harlan Deaver, of Sabetha, is vice-president, and H. F. Roepke, of Manhattan, is secretary-treasurer. J. W. Hunter, of Manhattan, has been employed as supervisor.

Other incorporators in the association include Wilfrid M. Johnson, Cleburne; George Fuhrman, Atchison; Ralf Hockens, Arrington; L. L. Utz, White Cloud; O. O. Browning, Linwood; C. V. Cochran, Topeka; and Mitchel Tessoroff, Onaga. Each member will plant hybrid corn for production of seed to be sold in 1941.

Lambs Gain Quickly

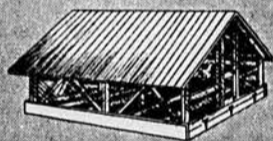
Kansas has developed probably the most profitable farm sheep flock production programs in existence today. Market-topping lambs reach the market weighing 75 to 95 pounds by June 1.



CHICK SUNPARLOR 77781



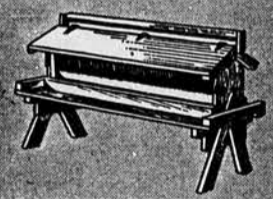
THE 4-SQUARE MILKHOUSE



SUMMER SHELTER 77771



HOG SELF FEEDER 77612



OUTDOOR CHICKEN FEEDER 77713

Cut Costs...
ON NEEDED EQUIPMENT
Build it Yourself
FREE BLUE PRINTS - MATERIAL LISTS
FROM YOUR 4-SQUARE DEALER



BUILDINGS AND EQUIPMENT
that almost Build Themselves
 Because of
ENGINEERED PLANS AND
READY-TO-USE LUMBER

It costs less than you figure to own good equipment — or to build or repair, when you take advantage of the 4-Square Farm Building Service. Costs come down when you use the Blue Prints, Material Lists, and Ready-to-use 4-Square Lumber, all available at your 4-Square Lumber Dealer.

Correctly-designed and properly-built farm buildings and equipment help increase livestock profits. They make care and management easier — they provide better, more healthful quarters for poultry and livestock — or better stor-

age for crops — adequate protection for your farm machinery.

See your 4-Square Dealer today. He will show you over 200 designs of buildings and equipment — complete with Blue Prints and Material Lists, all designed by experienced engineers. The 4-Square Farm Building Service will save you money. Its purpose is to help you get better farm buildings for less money. Write today for the book — "Greater Farm Profits from Better Farm Buildings". It's free and it's helpful. Mail the coupon below.

4-SQUARE LUMBER

The Lumber for the Farm

Cut to exact lengths, squared on ends and edges, smoothly surfaced and thoroughly seasoned, Weyerhaeuser 4-Square Lumber lowers the cost of farm buildings and equipment by reducing material waste and erection costs.

WEYERHAEUSER SALES COMPANY, Dept. RRM, 710 Jackson St., Topeka, Kansas KFS40

Please mail the book — "Greater Farm Profits from Better Farm Buildings". We are interested in building this year. We would like information on the following:

RIGHT NOW WE PLAN TO BUILD _____

NEXT FALL WE PLAN TO BUILD _____

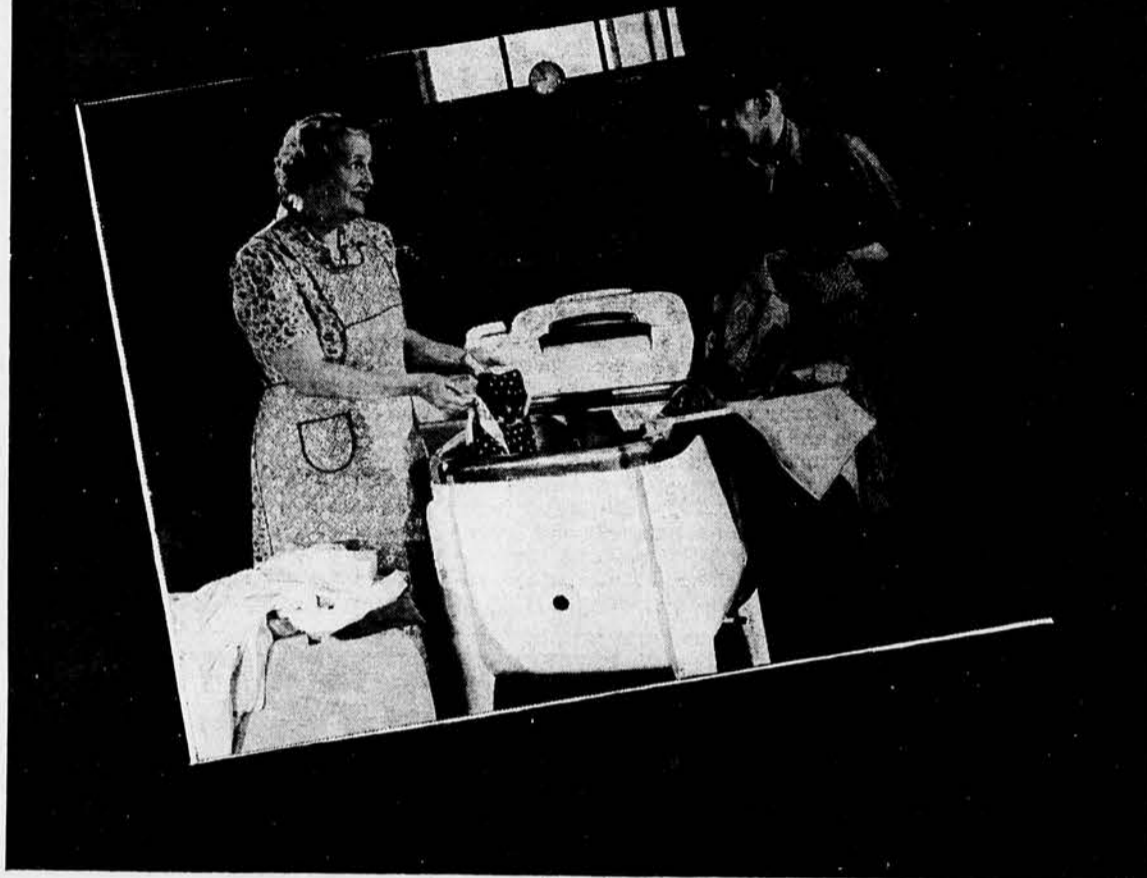
Name..... R.F.D..... County.....

Town..... State.....



If Cleanliness Is Next to Godliness

By ETHEL J. MARSHALL



WOMEN — some women — wash on Monday, come rain or shine, without knowing why exactly, except that grandmother said, "Cleanliness is next to godliness," and applied it to the days of the week. Actually, many women have found that Tuesday makes a better washday, for several reasons. Godliness, if it is to be considered, is better favored when Sunday is left free of thoughts of washday looming ahead. Monday is a good day to get the house in order after the Sunday litter of living. Washday goes more smoothly for starting in an orderly house, with meals planned and partly prepared on Monday; with clothing sorted and mended, stains removed, solutions made, and the homemaker all rested up after Sunday. This means that washday isn't blue any more, come Tuesday.

Grandmother had a better interpretation about cleanliness and godliness, anyway. She knew that cleanliness creates a state of mind in which godliness is possible. Psychologists long ago reversed the old saying "Be good and you will be happy," to "Be happy and you will be good." Can you think of anything which will do more to induce the comfort which makes happiness possible than the feel of clean garments slipping over a clean body on a hot day, or cool, clean sheets at night? May Folwell Hoisington, remembering the dearest joys of her childhood, wrote,

"Oh, bed in my mother's house
With sheets that were white as May
With blankets woven of carded wool
And scented with new mown hay."

Modern equipment makes it easier to keep sheets as white as May than it was in grandmother's day, and the modern homemaker has thought up several ideas of her own for taking the work out of washday. She uses odd moments on Monday to turn garments wrong side out as she sorts them, and to mend torn and ripped places. She knows that one stitch now may save 9, and that and the matter of fading and ironing, mean the patch will be much less

noticeable if put on before it is laundered.

Then there are the stains which should have come out immediately after getting in, but didn't. She pours hot water thru red, blue, or purple fruit or vegetable stains; uses lukewarm water, and suds, if necessary, for coffee, cream, chocolate, sugar sirup, ice cream, or grease stains. Peach, egg, mildew, and blood stains should be soaked out in cold water. Stains of any kind that have gone too long may have to have finishing touches of Javelle water. Lard may be rubbed into spots of tar, lipstick, or machine oil, and washed out with lukewarm, soapy water. Hot water striking the stain first might set it. Iodine stains may need a touch of ammonia water.

Another good trick for Monday afternoon is to test out your water-softening practices to see whether you are using the most economical method. When 1 teaspoon of soap flakes will make a good suds in 1 quart of water, that water is soft enough. To use more softener or suds is to leave free alkali in the water to attack the clothes. To use less than enough softener is a waste of soap. Once you find the right amount of softener for your water, write it down for quick and ready reference and "post it" in the washroom.

WATER softeners may be bought in bulk to effect a saving in money. Trisodium phosphate, for instance, can be purchased cheaply in 100-pound bags, and it finds many uses about the place. Since it is a mild bleach, using the right amount for softening is very important when colored clothing is to be washed. Grandmother's method of preparing suds is a good one, even if you use flakes, for it avoids all danger of tiny particles of undissolved soap being left to make ugly spots on garments. She dissolved all the soap at once in a small amount of water, 1 cake of soap to 3 quarts of softened water, and added the solution as needed during the washing process.

Clothing washed 10 minutes in a good suds

at 120 to 140 degrees Fahrenheit, will be clean and free of ordinary germs. Continued rubbing in dirty, wornout suds will only make clothes dirtier. What our grandmothers called the second suds, specialists now call the soapy rinse. In either case, the idea is to get out all of that first dirty suds, in warm, soft, soapy water, since cold water added at that stage would set the suds to give a gray dirty color. Thoro rinsing, best done in warm water, is most important, and makes much less bluing necessary.

SUMMER fashions are bringing many colored synthetic fabrics. The special care these require is not in the suds but in the handling. Woe be unto any woman who carelessly twists any synthetic fabric too much in wringing, or pins it to the lines with pins, to whip in the wind. Some rayons can't stand the touch of a clothespin, and, if you want satisfaction from any garment, you must respect its temperament.

Roll your choice synthetic fabrics up in a Turkish towel, and lay the others carefully over the line, unpinned and always with the lengthwise grain of the goods. This prevents the forming of "horns" in the sides of knitted garments. Remember about the lengthwise grain, too, in ironing synthetics, which should always be done on the wrong side. Then put each garment on a hanger to set properly to shape. And, there you are — clean, good-looking, and ready for godliness.

Summer is the time when homemakers experience a battle between their conscience and their desire to take things easy—and there is little enough chance for that during the busy harvest season, goodness knows. As good housekeepers they want to keep their standards, but as human beings affected by heat and humidity they want to avoid exertion as much as possible.

There is a middle road by which both conscience and standards may be kept at par. This road is a series of short-cuts, all of which result in less labor without reducing the effectiveness of housekeeping.

The family wash, for instance, is always larger in summer, because more frequent changes are required for comfort's sake. To offset the increased laundry, cut out as much ironing as possible. By hanging sheets and towels tautly on the line, they dry smooth, and can be folded neatly without ironing. They have a fine, fresh odor, too.

Much of the modern underwear can be hand-smoothed suitably, without additional ironing. Bedspreads, house dresses, and other garments made of seersucker require only pressing.

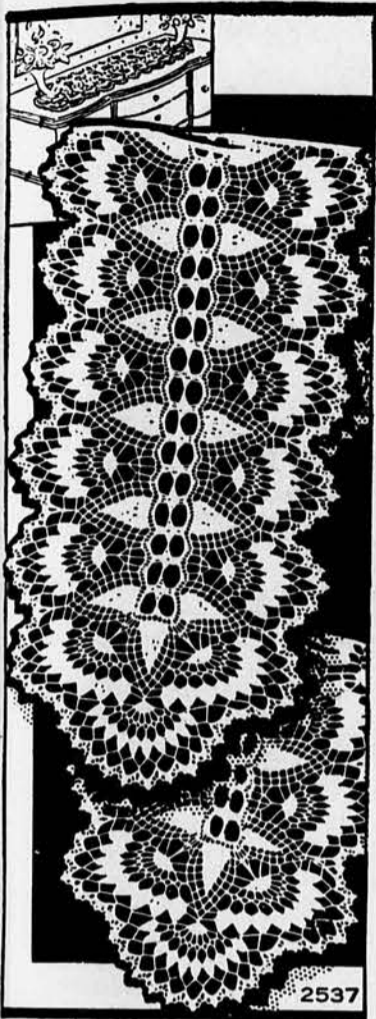
Another way to cut down on work is to reduce the number of garments worn. Little children can be turned loose with a single cover-all in hot weather, and be all the more comfortable for the lack of clothing. Short nightclothes, which are cool and airy, are simple to wash, need no ironing, and add to night-time comfort. Manufacturers now have on the market both abbreviated pajamas and nightdresses of attractive soft cotton, and there are patterns for the woman who does her own sewing.

Another labor saver is the use of small plate doilies instead of large tablecloths. These are ever so much easier to launder than the large pieces. Too, they can be made from tablecloths worn too badly to be used whole.

A sensible reduction of housework is no reflection upon the homemaker. Summer's heat as well as summer's duties encourage leisure, and so long as the essentials are performed it is only good planning to arrange short-cuts that save time and labor.

Scarf in Lacy Crochet

MADE IN TWO SIZES



Give your home that luxurious air and at little cost, too. How? That's easy. Crochet these scarfs—there are two sizes, 18 by 60 inches and 18 by 36 inches. You'll find them just the thing for buffet, dining table or dresser. Pattern 2537 contains directions for making the scarfs, illustrations of them, and the stitches; and it also gives material requirements. The pattern is 10 cents and may be obtained from Needlework Service, Kansas Farmer, Topeka.

Kitchen Herb Garden

By MRS. ELLA BELL

Let's have a revival of the old-fashioned herbs. Herbs bring out the flavor of the average dish in such a way that it is changed from a relatively flat dish to a savory repast. Here are a few herbs available to American housewives:

Chives: A member of the onion family. Use only the long tender leaves. This is a hardy plant and comes from seed or a root. It is used to season salads, cottage cheese, and soups.

Parsley: A hardy herb and easily grown from seed. It will stand the northern winters. Is used for garnishing and also for soups.

Dill: Another pleasant-tasting herb which is grown from seed—is pungent and much used in pickling.

Garlic: A hardy bulbous plant and, as everyone knows, needs no description. It is very healthful and used to flavor meats. Also adds zest to salads if the salad bowl is rubbed with a small clove of it.

"Passing the Buck"

By MRS. S. H. HAYDEN

It was said in a moment of intense excitement and strain, I'll admit, but feel that this morning my husband carried "passing the buck" to an extreme point. Our coal brooder stove balked in a high wind and we decided to pour in a little used tractor oil to make a quick fire. In the resulting blaze and smoke we killed 5 chickens and my husband burned his arm rather

badly. "And it was all your fault," he accused me, "for if you hadn't told me to be careful, I'd not have poured in so much oil!"

I didn't answer. It wouldn't have been right to laugh while bandaging his poor burnt arm!

Garden Convenience

By MRS. CLEVE BUTLER

Make a bag, shaped like an envelope, of oilcloth, large enough to hold an old pair of rubbers and a 10-cent pair of scissors. Hang it conveniently in your garden and see how many steps are saved running to the house after scissors and rubbers.

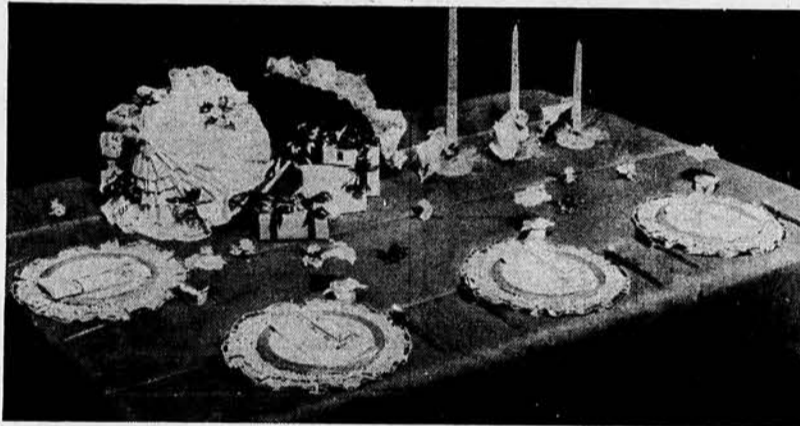
Better Than Curtains

By MRS. BENJAMIN NEILSEN

Many homemakers would like to dispense with curtains in the kitchen during the summer months yet feel that the windows look too bare—indeed give an air of being "torn up" similar to housecleaning time or moving day. Have you thought of adding gay decorations around the frame on the wall? These may be of the clever "paste-me-up" type now available, colored fruits and vegetables or gay flowers. Apply them in a border around the windows, adding a row to the lower part of the roller shades for a gay, attractive effect, at little cost.

Good looking wall paper border may be used for this purpose—but be sure to mitre the corners for a trim effect.

So You Are Going to Be Married!



IN THE spring, so it is said, a young man's fancy lightly turns to thoughts of . . . if you'll pardon a little paraphrasing . . . what the girls have been thinking about all winter—marriage. From the deluge of inquiries that have come to me lately, about showers and weddings and such, there must have been a lot of that kind of thinking—and I've a hunch marriage statistics are about to hit a "new high" this June time.

To help solve the problems these about-to-be-married folks have brought me, to answer others that are sure to come, not to mention the things everybody likes to know about the proper wedding procedure, just to be informed, we have prepared a new leaflet called "The Bride's Blue Book." Customs change slowly—but they do change—and this leaflet will bring you all the correct up-to-the-minute details.

There are ideas, too, to help solve the problems of the friends of the bride-to-be who wish to entertain nicely, yet inexpensively. For instance, the parasol shower table pictured may easily be made from crepe paper and bits of materials you have in your home. The parasol is made of a large cardboard circle which is cut to the center and lapped at the edges until a cone of the right shape is attained. The handle is a flagstick wrapped with crepe paper and the parasol is finished with ruffles of crepe paper. The small parasols are made in the same way. Complete directions for decorating this table are given in our

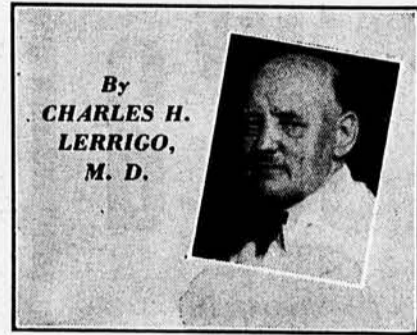
Cleft Palate Overcome

One Mother Encourages Others

SOME weeks ago reference was made to the advantages of effective surgery for cleft palate, especially if followed by speech training. One of the mothers who read the item was so impressed that she sent us a story of her own little boy who took such treatment successfully. It is so well told and so helpful that we offer it for the benefit of the rest of our family of readers.

"Our own baby is now 7 years old and in the second grade. From these years I would say a child with a cleft palate has an equal opportunity to lead a normal life as any other youngster. Our son is as happy and carefree as any of his companions. He has been in the first class thruout his school life. He has a slight impediment in his speech, as is natural, but a great deal of the customary nasality is absent. I have in these past years come in contact with a woman of forty. Up until 5 years ago to try and understand her was torture. Now her speech is perfection, both as to tone and enunciation.

"Two years ago I took our boy thru a speech clinic. The things they can do are simply marvelous. The one we went to was at Northwestern University, which is a long distance away but well worth while. It would mean so much to a handicapped child if,



By
CHARLES H.
LERRIGO,
M. D.

when beginning to talk, it could be taken thru the clinic. In the formative years so much can be done to help get the right start. There are exercises and numerous games all worked out for the child's special needs.

"We have always been quite frank with our son as to his handicap. It is nothing to be ashamed of but rather to be brought out and taken for granted. I do feel that in this way we have done away with some of the heartache, because children can be so cruel unintentionally.

"The cleft palate child should be put in the hands of a good surgeon, preferably one who specializes in that work alone. Another doctor might mean well and yet do more harm than good. Since there are surgeons giving exclusive attention to this work, do not risk any other kind. I do hope that any child needing this work may get it and that the child will mean as much happiness to its parents as ours has meant to us."

Should Be Examined

I had a sore tongue for about 8 weeks. Saw a doctor and he gave me a mouth wash to use and it was almost healed but now it is worse again. It is full of cracks and is turning blue on top and has one blue spot on one side. It burns like red pepper and causes quite a lot of pain. Do you suppose it could be a cancer?—Mrs. B. F. S.

Such a serious condition must not be guessed at. It does not give a picture of cancer altho that is not impossible. Pernicious Anemia may produce such a tongue. So may a dozen other serious diseases. It demands careful personal examination.

Brushing Helps Pyorrhoea

Please tell me some good home treatment for spongy gums that recede from the teeth and bleed easily.—B. R. G.

This is indicative of pyorrhoea. I do not know just how far home treatment will carry you, but the first measure is to buy a new toothbrush and give thoro brushing 3 times daily, increasing in vigor as the gums become hardened to it. This may seem like rough treatment for tender gums but it works well. A toothpaste that has in it some compound of ipecac will be helpful. Pyorrhoea is distinctly a job for the dentist. Get his help. Be sure to eat a well-balanced diet with plenty of fresh fruit and green vegetables. Ample vitamins.

If you wish a medical question answered, enclose a 3-cent stamped, self-addressed envelope with your question to Dr. C. H. Lerrigo, Kansas Farmer, Topeka.

Let's Remember That

The less money there is for food, the more important it is that the whole family use plenty of milk and milk products.

Milk is the most important single food in the diet under all conditions.

Nothing else we buy plays so large a part in the well-being of the family, as does milk.

Safeguarding the nutrition of children is fundamental to the future of a nation. Be sure yours get their daily quota of milk.

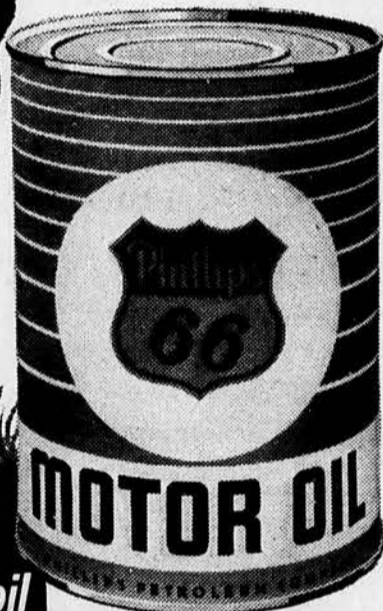
Milk must be a good food for building muscles, bones, and teeth, because all animals start life on milk.

When the money to be spent for food is small, it is necessary to make every penny count. Milk is your best buy on the food list, no matter how great the need to economize, for it is your chief protective food.

WILL THIS CALF BRING 66¢ a pound?



It's **HARD** to tell... but
EASY to pick a winning oil



For Cars, Trucks,
and Tractors

TO encourage the great work of the 4-H Clubs, Phillips representatives frequently bid in 4-H Club prize animals, offering 66¢ a pound in honor of Phillips 66 products.

Which of the thousands of animals now being scientifically fed and groomed by girls and boys will bring the Phillips prize money to its young owner's savings for future education?

Even experienced judges of cattle can't answer the question until all the animals appear in the ring. But when you want a winning oil for your motor... you

have a simple, easy way to pick the champion lubricant.

To do away with all question and doubt, the great Phillips refining organization makes this plain, straightforward statement. If you want our *best oil*, remember we specify that *Phillips 66 Motor Oil is our finest quality*... the highest grade and greatest value... among all the oils we offer.

Ask for this best seller among oils, when you make the seasonal change in lubricants which every engine needs. Drain and refill at the *Orange and Black 66 Shield*.

Phillips Finest Quality

Livestock Advertising

in Kansas Farmer is read by up-to-date breeders and those who contemplate going into the livestock business. Ask us for low rates.

Recovers Stolen Harness

By J. M. PARKS, Manager
Kansas Farmer Protective Service



Ward Carr, Lancaster, is ready to go "On with the Show" now that he has recovered 1 of 2 double sets of stolen harness and has received a Protective Service reward from Kansas Farmer.

WHEN a man speaks from actual experience as Ward Carr, Rt. 1, Lancaster, does in this letter, his words should mean something to other Kansas farmers.

"Kansas Farmer Protective Service: I have received my Capper's National Protective Service money, which was \$40, in payment of a reward for the arrest and conviction of the thief who stole my 2 double sets of harness from my posted premises. Please accept my sincere thanks for the money. I am well pleased and wish to recommend the Capper's National Protective Service Association as a protection that every farmer needs. Sincerely yours, Ward Carr."

Mr. Carr did his part in running down the thief when he reported the theft promptly to his sheriff and, also, requested that a broadcast be made over the Capper Publications' station, WIBW, announcing a \$50 reward would be paid for information leading to the arrest and conviction. One of the double sets of harness was recovered. There is still some hope of recovering the other set. This thief will do no more stealing for a while for county attorney John E. Buehler, Atchison, says the accused "entered a plea of guilty to grand larceny and was sentenced to not less than 5 years in the state penitentiary." The remaining \$10 of the \$50 reward was paid to Sheriff Dan Crawford, Atchison.

Samples Bring Confession

A comparison of samples of grain remaining on the M. M. Burton farm, Rt. 2, Haddam, with samples found in a local grain market caused a suspected thief to admit he stole some of Burton's grain and sold it on the market. Burton, himself, took the leading part in carrying out the details and, therefore, earned a \$25 reward which has been paid by Kansas Farmer. The thief was given a 9-month jail sentence.

Farmer Turns "Sherlock"

One morning recently, Charles J. Heim, Rt. 4, Leavenworth, found furniture had been stolen from his home. He examined the tire tracks in his yard where a truck had backed up to the porch. Then, he went to town and searched until he found tires on a truck which corresponded with the tracks near his home. Next, he traced the license number to find the owner of



the truck. Following up this information, he went to the suspect's house and found some of the stolen furniture when no one was at home. A warrant was procured. The accused was arrested and confessed to his guilt. This sounds simple enough, but it really takes some thought and work to make a successful search of this kind. Kansas Farmer recognized Mr. Heim's excellent performance by sending him a \$25 reward check. The thief will serve a 3-month jail sentence.

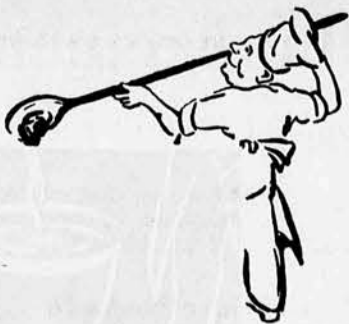
Hiding License Tag Fails

Believing there was an attempt under way to steal wheat from his bin, Victor Hockinson, Rt. 1, Ness City, made a personal investigation but did not succeed in getting the license tag on the truck used by the prowlers since the numbers had been made illegible. A quick report to the sheriff, tho, got results for the 2 thieves were tracked to their homes and arrested, then made confessions of guilt. They were given reformatory sentences. The \$25 reward, paid by Kansas Farmer, was divided equally between Service Member Hockinson and Sheriff John O'Brien, who made the arrest.

Stealer's Car Into Ditch

The excitement of the occasion perhaps was responsible for the thief's car running into a ditch after a watch and other articles had been stolen from the posted farm of Lewis A. Thompson, Raymond. A neighbor, who saw the wrecked car, reported to the sheriff. While an investigation was under way, the driver of the car appeared and Mrs. Thompson identified him as the guilty man. He is serving a 10- to 21-year state penitentiary sentence. All of the \$50 reward, paid by Kansas Farmer, for this conviction, was sent to Service Member Thompson, who may have passed a part of it on to his helpers.

Until Dinner is Ready



Bug Trouble: There are more than 750,000 known kinds of insects in the world. As the crop season advances, Kansas folks sometimes feel as if all of them are after our crops, and that it is a hopeless battle trying to check the pests. But, the battle isn't a losing one, because nature helps man in the control job; some insects eat others.

Water Proof: Folks who make packages and wrapping materials are always on the alert for new things, too. Now they are out with a flexible, transparent bag that will hold wet goods, such as pickles or oil. The material can be used for numerous products, of course, from cheese to face powder.

No Loss: Scientists tell us nothing ever is destroyed; that it merely is changed into some other form. Well, they now are making sulfuric acid out of smelter gases; synthetic vanilla and plastics are being made out of waste liquors of the paper industry.

Castor Poison: A new spray which is said to be highly effective against all kinds of insect pests, operating both as contact and stomach poison, has been extracted from the leaves of the castor bean plant, it is reported. It also appears to have some qualities that will hasten the ripening of fruits on trees, Science Service announces. So another farm crop finds a new use.

Something Wrong: A report of the fourth White House conference on children in a democracy discloses that the nation's farmers are supporting 31 per cent of the nation's children on only 9 per cent of the nation's money.

Apple Examiners: Last year, licensed inspectors graded nearly 30 million bushels of apples—or enough to furnish a bushel of graded apples to every family in the United States.

Grass Eaters: Grass already had a high standing in the Midwest as the best feed for livestock. Now the scientists have discovered a way of putting

the rich vitamin content of grass into foods for man. So, when folks are told to "go eat grass" in the future, they may do it.

Hen Pinch-hitter: Experimental incubators, with the same "wave length" as a mother hen, have been developed by scientists of the Federal Bureau of Animal Industry. These large machines are equipped with a wavelike motor-driven mechanism that tilts the eggs every 15 minutes, about the same as they would be turned if incubated by a hen. Result—a better hatch.

Rubber Milk: Scientists of the U. S. Bureau of Dairy Industry have perfected a process for making a transparent rubber-like substance from lactic acid of whey that has many promising uses in various industrial operations.

Yellow Attracts: In experiments in the Northeast last year, insect specialists of the U. S. D. A. caught half again as many Japanese beetles in traps painted yellow as in traps of any other color.

Better Air: No radically new principles in air conditioning are expected by leaders in the industry, but constant improvement and lowering of cost is believed certain, leading to wider application of air conditioning to all types of business and houses.

Call of the Tame: Security had more appeal than liberty to a Denver deer. The animal was one of 20 released in the mountains to reduce the zoo herd. Somehow it found its way thru miles of streets back to the zoo—at meal time.

Egg Virus: Scientists now use hens eggs in the production of virus to provide disease immunity to animals. The egg shell protects the virus from contamination while the production process is being completed, and it is believed these new weapons in disease control will be less variable and more safe than the ones produced within animal hosts by former methods.

New Genii: New rural electric distribution lines, provided for so far under the rural electrification program, will make electricity available to more than 600,000 farm homes in 44 states.

Educated Cows: Cows in Harlan county, Ky., grazed on a 6-acre pasture treated with lime and phosphate 2 years ago, refuse to eat grass from the untreated check plot. "They just know their vitamins," comments M. V. Hutson.

Canned Cider: For cider sippers who like to can some juice and save it, a new method has been discovered whereby cloudy apple juice can be packed and preserved in tin cans and retains a flavor and aroma comparable to the fresh juice. Two chemists at Geneva, N. Y., say that the new method of "flash" pasteurization is better than clarifying and filtering.

Sock the Weeds WITH A KNOCK-OUT PUNCH!



Use a Hi-Speed FARMALL CULTIVATOR

● You get speed, clean work, and double-quick dodging action when you use a Farmall Shifting-Gang Cultivator with Hi-Speed Sweeps.

When it comes to clean cultivating, here's something you should know: Actual field tests show that the shovels on Farmall Hi-Speed Cultivators get closer to the hills without damage to the corn than is possible with rigid-frame cultivators. They leave from 4 to 6 inches less uncultivated space between rows than other cultivators.

Now, a few facts about the exclusive Farmall shifting-gang fea-

ture: A gentle turn of the steering wheel guides the tractor and at the same time shifts the gangs sidewise. It's as easy as that! This quick-dodging ability is especially valuable in cross-cultivating when there's a poor check with lots of hills out of line.

Get acquainted with Farmall Hi-Speed Cultivators. Two and four-row sizes. The McCormick-Deering line also includes horse-drawn cultivators in sizes and types for all acreages and crops. See the nearby International Harvester dealer.

INTERNATIONAL HARVESTER COMPANY
(INCORPORATED)
180 North Michigan Avenue Chicago, Illinois

McCORMICK-DEERING Hi-Speed FARMALL CULTIVATORS

This announcement is neither an offer to sell, nor a solicitation of offers to buy, any of these securities. The offering is made only by the prospectus.

\$5,000,000

Capper Publications, Inc.
Topeka, Kansas

First Mortgage 4% Certificates (6-month)
First Mortgage 4½% Bonds (1-year)
First Mortgage 5% Bonds (5-year)
First Mortgage 5½% Bonds (10-year)

Denominations \$50.00, \$100.00, \$500.00 and \$1,000.00.
Copies of the Prospectus may be obtained by writing to

CAPPER PUBLICATIONS, INC., TOPEKA, KANSAS

Injury by Termites

For handy reference, any or all of these U. S. D. A. bulletins will be found helpful as well as reliable. A copy of each one of the following bulletins will be sent free upon request. Please order by number, addressing your post card to Bulletin Service, Kansas Farmer, Topeka.

- No. 101—Injury to Buildings by Termites.
- No. 144—Cockroaches and Their Control.
- No. 152—How to Control Fleas.
- No. 162—Erosion on Roads and Adjacent Lands.
- No. 578—The Making and Feeding of Silage.
- No. 734—Flytraps and Their Operation.
- No. 1068—Judging Beef Cattle.
- No. 1549—Feeding Cattle for Beef.
- No. 1764—Growing and Feeding Grain Sorghums.



WHEN you see aphids (plant lice) you may be sure of trouble ahead unless you spray carefully. "Black Leaf 40" (1½ teaspoons per gallon of water) will destroy them. Also kills leafhoppers, leaf miners, most thrips, young sucking bugs and similar insects.

A LITTLE GOES A LONG WAY

"Black Leaf 40" kills both by contact and by fumes. It is economical and sure. Keep a bottle on hand and spray at the first sign of trouble. Insist on original factory sealed packages for full strength.



Don't Suffer GAS PAINS

Mrs. Ruby Lee Jones writes, "I suffered so from indigestion that at times the gas pressure would almost draw me double. I took Dr. Pierce's Golden Medical Discovery for a time and was relieved of this distressing condition."

FOR over 70 years, countless thousands who suffered from bloat, gas pains and similar indigestion distress have taken Dr. Pierce's Golden Medical Discovery over a period of time—and have been amazed at the relief it brought.

For this great medicine, formulated by a practicing physician, acts on the true basic principle to relieve such indigestion—by stimulating the flow of gastric juices. This assists you to digest your food better; more thoroughly. And when food digestion is complete there is no cause for gas pains, or the misery of indigestion.

So successful has Dr. Pierce's Golden Medical Discovery been that over 30,000,000 bottles have already been sold. Proof of its amazing benefits. Get Dr. Pierce's Golden Medical Discovery from your druggist today, or write Dr. Pierce, Dept. 129, Buffalo, N. Y., for generous free sample. Don't suffer one unnecessary moment from gas pains, or similar indigestion distress.

IRRIGATION PUMPS



Western Centrifugal and Turbine Pumps for deep well, shallow well or river pumping. Write for catalog and complete information.

Western Land Roller Co., Box 16, Hastings, Nebr.

DEAFNESS TREATED AT HOME

Wonderful Results Obtained Treating Deafness - Head Noises - Dry Ears

Deafness can be treated at home. The suction principle of the Dr. Shrader ear pump exercises and bulges the ear drum, opens the Eustachian tubes, loosens up the three little bones of the ear drum, causing it to vibrate again, thus restoring or improving hearing.

Hearing Restored or Improved When Other Methods Failed

Deafness, treated at home with Dr. Shrader's ear pump, has in many cases improved or completely restored hearing. When other methods failed, the Dr. Shrader ear pump has succeeded.

If you are deaf, have head noises, ear ache, or dry ears, order the ear pump now. Simple to operate. Doct ors and ear specialists use Dr. Shrader's ear pump.

Order yours now. If not satisfied, return within 30 days and your money will be refunded. Don't hesitate—the results obtained in most cases are worth many times its low cost. Sold direct to you with complete instructions for operating. Order yours today.

30 DAY TRIAL—ORDER DIRECT

DR. SHRADER EAR PUMP

Enclosing \$3.00 for Ear Pump. Send Free Circular.

Name _____

Address _____

Town _____ State _____

Mail to DR. SHRADER EAR PUMP, Box 211, Lincoln, Nebr.



Dr. Shrader designed his ear pump for his own use; and in three months of self treatment, as cut above shows, restored normal hearing to his left ear after 15 years of deafness.

Pastpaid for \$3.00

Farm Management Course

Offered 20,000 Farm Boys

TWENTY THOUSAND young farmers between the ages of 18 and 25, will be given an opportunity to further their education thru taking a course in farm management and engineering which is being offered free to accepted students by the National Farm Youth Foundation.

Creation of the National Farm Youth Foundation was announced at a meeting of farm paper editors in Chicago, May 9. It has been established by the Ferguson-Sherman Manufacturing Company with the co-operation of Henry Ford and Edsel Ford, of the Ford Motor Company.

Enrollment of farm youth in the farm management and engineering course will begin immediately, and can be made either by communication with the Foundation at Dearborn, Michigan, or thru local dealers handling the Ford tractor.

Jobs for Rewards

Instruction, which will be given by correspondence over a 6-month period, will be supplemented locally by committees of business men and agricultural leaders, working with the Ford dealer, so that personal contact can be made with all enrollees. This supplemental instruction will consist of study and operation of tractors and equipment in actual demonstrations.

Further, the National Farm Youth Foundation will offer as rewards for the most proficient students, a total of 58 jobs. All students will be given opportunity to obtain credit points in the competition for these jobs by proficiency in study, by participating in demonstration work with tractors, by obtaining the names of prospects and in other ways. The 29 youths who rank highest will be given jobs in the Ford factory paying \$150 a month. They will be given specialized training in factory methods and in service and maintenance work, which will fit them for positions in industries closely allied with farming.

The 29 students, ranking next highest, will be given positions with Ferguson-Sherman distributors at a monthly salary of \$125. They will be trained in sales and service work.

Youths Eligible

It is the intention of the Foundation, also, to make an effort to place an additional 725 honor roll students within the industry as opportunity affords. So far as possible, these additional honor students will be employed in their home communities.

During the year, 29 Ford tractors with 2-bottom plows will be distributed among student winners of a tractor operation contest to be held in each distributor's territory.

To be eligible for one of the Foundation scholarships the youth must be between the ages of 18 and 25, an American citizen, of good character, and actually living or working on a farm. There is no charge for enrollment and no obligation except to carry on the study and complete the course.

In announcing the program R. M. Kyes, director of the Foundation, said: "Many young men on the farm have not been able to realize their opportunities on the home soil. It is the purpose of the Foundation to help them fully get the feeling and realization of what farm life can award them in happiness and net income.

"Today there are more than a million young people on farms who, under pre-depression conditions, would have migrated to the cities. Moreover, there are 2 million more males more than 20 years old on farms than there were in 1930. This has resulted in the establishment of one million more farms as of today than there were in 1930.

"The aim of the Foundation is to provide opportunity and useful information and training that will prepare them for positions of leadership in their home communities."

mation and training that will prepare them for positions of leadership in their home communities."

More Water Soaks In

In the cultivation of fallow land for wheat at Hays Experiment Station, where the duckfoot cultivator was used up and down the slope, 17 per cent of the water was lost. Where the duckfooting was turned crosswise of the slope, on the contour, the loss was only 10 per cent. Thus, on clean fallow land contouring saved 7 per cent of the water. This would normally mean about 1½ acre-inches more water going into the subsoil, or about 12 inches deeper penetration.

When kafir was listed up and down the slope, the water loss was 20 per cent. When the listing was done on the contour, the loss was only 2 per cent. That indicated a saving of 18 per cent of the water with contour listing for kafir. This would normally mean about 3½ acre-inches of water, or enough to penetrate about 28 inches into the soil.

It has been estimated that an acre-inch of water in the soil has a cash value of \$2.50. If this figure is anywhere near right, contour cultivation at Hays was worth \$3.75 an acre for fallow land, and \$8.75 an acre on kafir land.

Lambs Harvest Corn Crop

A profitable and labor-saving method of harvesting the corn crop is reported by William and Walter Sutter, of Atchison county. These 2 brothers plant soybeans with their corn. Then they buy lambs in the early fall and turn them in to harvest the crop.

With this combination, the lambs are provided grain, roughage, and protein. The plan eliminates labor of harvesting the feed, and labor of feeding the lambs. And, according to the Sutters, no wasted feed is left on the ground. This plan even saves manure hauling, as lambs spend their time out in the field, rather than about the barn lots.

Last year, the Sutters fattened 800 lambs in lambing down 70 acres of corn. Lambs were in the field about 2 months, and they gained 17 pounds each. Nothing was left in the field but barren stalks, stripped of all grain and leaves.

Before being turned into a cornfield, the lambs are filled by full feeding of alfalfa for about 3 days, to prevent scouring from a heavy fill of grain. The 800 lambs were fenced in a 20-acre portion of the field, and allowed to glean that before having free run on the whole field.

The Sutters suggest that in wet sea-

sons it is advisable to continue fencing off small portions of the field at a time. This prevents having any large amount of grain on the ground and guards against wasted feed.

If soybeans are not planted with the corn, lambing down of a corn crop is still a satisfactory practice, according to experiences at the Sutter place. However, they find considerable value in having soybeans growing with the corn.

Harvesting corn and fattening lambs by this method has been so satisfactory that the Sutter Brothers plan to bring in another flock of feeder lambs again next fall. They usually buy them from the Western ranges, around the first part of September.

Bookshelf Brighteners

By JANET McNEISH

Another Cynthia—By Doris Leslie Macmillan, \$2.50. Cynthia Bright, born of an inn-keeper's daughter, serves as a maid to Jess Barrett, a Drury Lane actress. Rising to fame on the stage and the important part Dickon plays as her friend and counselor, all go to making an interestingly, well-told novel.

Gardening Without Soil—By A. H. Phillips. Chemical Publishing Co., \$2. Tells in detail, yet clearly, how to grow plants on a commercial scale by use of chemical solutions and without soil. Better health, quicker growth, a more consistent yield, less labor, lower growing costs, reduced space requirements, bigger and better crops are claimed for this new method of cultivation. This book sums up virtually all the information known at present on soilless gardening.

Crime Tears On—By Carolyn Wells. Lippincott, \$2. A week-end house party, and the host, wealthy Harley Madison, is the murdered victim. Fleming Stone solves the mystery.

Kitty Foyle—By Christopher Morley. Lippincott, \$2.50. The setting is laid in Philadelphia, Chicago, and New York and is the life story of a woman, Kitty Foyle, who was a child in the 1920's and a young woman in the 1930's. From her innermost thoughts you learn to know and admire her, sharing her joys and sorrows.

Who Killed Aunt Maggie?—By Medora Field. Macmillan, \$2. There is a week-end party at Wisteria Hall. Aunt Maggie is strangled the first evening. This is followed by a murder. Doors open and close by apparently no one. The secret room solves the mysteries.

WAITING FOR BEEF



More than 2,500 lined up for the barbecued beef lunch, served at noon for the Better Livestock Day crowd on A. J. Schuler's farm. This event was sponsored recently by the Aberdeen Angus breeders of Geary and Dickinson counties.

Bindweed "Bit the Dust"

By **RAYMOND H. GILKESON**

FIFTY-SIX thousand acres of bindweed "bit the dust" on Kansas farms last year in one of the greatest noxious weed battles ever staged in any state. This year the program will be stepped up 25 per cent in an effort to gain more of a strangle hold on this worst-of-all crop-strangling pest.

The whole bindweed picture, as presented at the State Bindweed Conference at Hays, May 9 and 10, is not anything to dismiss lightly. Attending this 2-day meet were 256 registered delegates who are on the firing line charged with putting into effect the Kansas Noxious Weed Law of 1937. This work heads up under J. C. Mohler, secretary of the Kansas State Board of Agriculture, with Ted Yost as state weed supervisor.

Starting in 1938, Mohler and Yost, together with the county commissioners, lined up county weed supervisors in 54 counties. Last year 88 counties had weed supervisors. And in 1940 exactly 100 county supervisors are ringing the death knell of bindweed; however, the bindweed eradication program is under way in all of our 105 counties.

Delegates at last week's bindweed meeting at Hays included county commissioners, weed supervisors, Kansas State College specialists, railroad officials and many other interested persons. They took the bindweed problem apart to see what success they have gained, and to get a close-up view of what must be done in the future if bindweed is to be controlled.

Plenty to Do

There is plenty to do. Ted Yost told your reporter that 36,857 Kansas farms have a total of 225,000 acres of bindweed. These are measured acres so there is no guesswork about it. No doubt many more farms have bindweed, and lucky is the man who finds it in time so it can be eradicated before it spreads.

Now the 56,000 acres we mentioned at first as being plowed under or treated with chemicals last year is a nice-size bite out of the total known acres—about 25 per cent. But it requires 2 years of cultivation or 2 or more years of chemical treatment to get rid of bindweed. So the problem for 1940 is to keep the 56,000 acres that "bit-the-dust" in 1939 under control and make further inroads on the balance of the 225,000 acres.

If nothing is done those 225,000 acres will double themselves in 5 years, so bindweed is a genuine threat to the safety of Kansas agriculture. A continuous battle has hopes of getting the bindweed acreage down to the place where it will not be a serious problem to Kansas farmers.

This can be accomplished. C. C. Cunningham, of Eldorado, chairman of the state bindweed committee, said at the Hays meeting, "When I took over this chairmanship the bindweed battle

looked hopeless. But with our present efficient set-up of weed supervisors, county commissioners, and other officials, we can whip our enemy."

Let's see what has been done. Exactly 49,916 acres on 7,435 farms were treated last year by cultivation with duckfoot and blade implements. Farmers also used 1,217,645 pounds of bindweed killing chemicals on 6,761 farms, applying this to 15,502 bindweed patches of variable sizes on these farms.

In addition, 206,635 pounds of chemicals were applied along township highways; 368,787 pounds on county highways; railroads used 284,912 pounds along their tracks; and cities used 202,081 pounds. That is a grand total of 60 carloads of bindweed killing chemicals in Kansas last year; more than any other state in the nation used in 1939.

Sets U. S. Record

Russell county alone cultivated 3,700 acres of the pest. McPherson county cultivated 4,000 acres, and used 154,000 pounds of chemicals, a record for all of the counties in the United States last year. The Kansas bindweed battle is making far greater progress than even J. C. Mohler and Ted Yost had expected. Yet, while they glory in this excellent progress, they are wide-awake to the 225,000-acre bindweed job to be handled, which if unmolested will double itself in 5 years.

By the way, 12 per cent of the chemicals were put on wet in the spray form; 88 per cent in dry form. About 95 per cent of the dry work was done by trained county men at a cost of 1 cent a pound for applying the chemicals. Yost recommends this method as being cheaper and less dangerous than other methods.

Such a program costs money—\$400,000 in 1939 for towns, townships, and counties. But this cultivation and chemical warfare is reclaiming land that was being choked out of production.

On Conference Program

Appearing on the bindweed conference program were: C. C. Cunningham, chairman state bindweed committee; J. C. Mohler, secretary state board of agriculture; W. L. Noe, attorney state board of agriculture; J. L. Hutchison, weed supervisor Russell county; Z. A. Nevins, mayor Dodge City; Tobias Doubrava, county commissioner Ellsworth county; Maynard Scott, weed supervisor Pawnee county; F. O. Imhoff, weed supervisor Washington county; Myron Carpenter, weed supervisor Sedgwick county; R. W. McBurney, county agent Mitchell county; W. A. Flynn, weed supervisor Dickinson county; Gerhard Zerger, county commissioner McPherson county; Ivil G. Starry, weed supervisor Miami county; V. E. McAdams, county agent Barton county; D. J. McMillion, county commissioner Clark county; Senator Cecil Calvert; L. E. Call, dean division of agriculture, Kansas State College, Manhattan; James Brass, president state association of county commissioners, Douglas county; Fred Beck, county commissioner Reno county; O. H. Olson, county commissioner Trego county; Henry Pelzer, county commissioner Sedgwick county; Ed W. Wolf, county clerk Pratt county; J. L. Ross, weed supervisor Anderson county; Frank Peterson, county commissioner Cloud county; Wm. C. Wallace, weed supervisor Thomas county; D. B. Heacock, county commissioner Harper county; and Chas. Hornbaker, county commissioner from Reno county.

A tour of the Fort Hays Experiment Station was conducted by Superintendent L. C. Aicher. The special bindweed eradication plots at the station were explained by F. L. Timmons of Hays, and J. W. Zahnley of Kansas State College.



CYLINDER TEETH

for all Combines & Thrashers. AVERY GUARANTEED.

ROLLER CHAINS AND SPROCKETS

for all Combines, Thrashers and Tractors. REX Brand.

LOCKE * STEEL CHAINS

original equipment on most lines farm implements.

TRACTOR PARTS

Stover-Swartz Piston and Sleeve Assemblies
Bunting Bronze Bushings and Bearings
Radiator Cores, Etc.

COMBINE PARTS FOR ALL MAKES

Whittaker Canvasses, Guards and Sections.

FEEDER AND WEIGHER REPAIR PARTS

Hart—Garden City—Langdon.

WOODS BROTHERS

Genuine Repair Parts for Combines and Tractors.

When your Combine, Thresher or Tractor breaks down and you need repair parts RIGHT NOW—and when every hour lost means many lost dollars for you—that is when your Langdon Supply Dealer, located right in your own neighborhood, can save you money and give you quick service.

For 35 years the Langdon Supply Company has specialized in one day service of repair parts for farm equipment. Each of the many thousands of items that we carry in stock has been thoroughly tested and has been selected with utmost care from a maker of proven integrity.

FREE CATALOG CONTAINS A COMPLETE LINE OF PARTS AND SUPPLIES FOR ALL TRACTORS, COMBINES AND HARVESTERS.

It will pay you to have a Langdon Supply Catalog handy—then when your farm equipment needs a repair part, all you need do is refer to this catalog and telephone your neighborhood Langdon Dealer. He will at once write, wire or telephone your order for immediate delivery.

LANGDON SUPPLY CO.
1317-19 UNION AVE. KANSAS CITY, MO.



BALANCED RATIONS for Healthy Chicks!



CONTAIN THESE
GREENMELK
MANGANESE SULPHATE
COD LIVER OIL
IODINE
BUTTERMILK
LIVER MEAL
KILN-DRIED CORN MEAL
Also 13 other vital Chick Feed Ingredients



VICTOR CHICK PELLETS are a scientifically balanced chick ration—containing Vitamins A-B-D-E-G, proteins, carbohydrates, fats and minerals in ample amounts for chick health, early maturity and for the development of hens with a high production of quality eggs. Make 1940 a profitable poultry year for you. Starting now—feed VICTOR CHICK PELLETS.

THE CRETE MILLS CRETE, NEBRASKA

Let's Bounce Bindweed

Every day you let bindweed grow on your farm, it costs you in dollars and cents. For, every day, bindweed grows deeper into your soil and its tenacles reach out to choke the fertility. To save you all the cost possible in bouncing bindweed from your farm, Kansas Farmer has prepared a complete and thoro leaflet, "The Best Method of Controlling Bindweed." It describes in detail what to do and how to do it to meet several different situations. For a copy send a 3-cent stamp for mailing costs to Farm Service Editor, Kansas Farmer, Topeka.

Kansas Farmer for May 18, 1940

WIBW

observes Kansas'

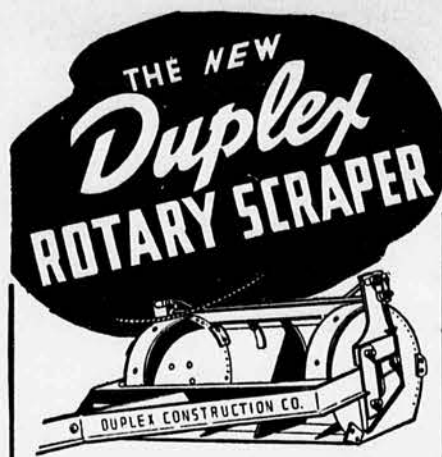
RADIO FESTIVAL WEEK

Proclaimed by Governor Payne Ratner

From May 20 to 25

ENTER THIS WIBW CONTEST!

In celebration of "Radio Festival Week," WIBW opens an essay contest to every boy and girl student from the sixth grade thru high school. Each essay is not to be longer than 500 words and is to be written on this subject: **What Radio Means to the American Home.** Essays will be judged by three impartial, prominent men of Kansas, and will become property of WIBW, to be read on the air during this celebration. \$25 cash goes to writer of winning essay, \$25 cash goes to his or her school, and \$1 cash goes to each of the next 50 best essays. \$100 cash prizes in all! Essays must be post-marked not later than May 18, and address them to WIBW, Topeka, Kansas. Begin writing your essay now!



Most Modern, Simplified Scraper on the Market
 Moves more dirt faster! Cuts any depth. Automatically loads forward and backward without stopping. Empties forward and backward. Has 3 interchangeable cutting blades. No cumbersome, intricate levers. Handy rope at driver's seat controls all operations. Other EXCLUSIVE patented features!

5 DAYS FREE TRIAL! See the New DUPLEX first! Write for details and illustrated circular.

DUPLEX CONSTRUCTION CO. Dep't. 22, 626 World-Herald Bldg., Omaha, Neb., Phone JA 4148. Factory and Showrooms, 21st-Locust, E. Omaha, Neb., Phone WE 3213.



Loading and pushing backward, or "bulldozing." Note extremely heavy, patented clevis.



Automatically loads and empties fast and completely.

Beware of CHOLERA

Very Real Danger This Year, Report Indicates; Pigs Should Be Immunized

Farmers should lose no further time in protecting this spring's pig crop against hog cholera. The disease is on the increase, as indicated by 25% more outbreaks last season than the year before. Cholera strikes swiftly, spreads rapidly, and kills virtually all hogs which have not been protected ahead of time by vaccination. The cost of vaccinating young pigs is so small that every spring pig on the place this year should be immunized.

But be sure to have the work done by a Veterinarian. It is foolish to take chances with amateur methods when the cost of skilled Veterinary vaccination is so small, and the added safety worth so much more. Call your Veterinarian and have those pigs immunized AHEAD of the outbreak season.

Associated Serum Producers, Inc.



HUSTLE your hay into mow or stack with reliable MYERS equipment.

Carried by good dealers everywhere. UNLOADERS for steel, wood or cable tracks; SLINGS in rope or chain; HARPOON FORKS, GRAPPLE FORKS, DERRICK FORKS; TRACK, PULLEYS, HOOKS and FIXTURES. Write today for the MYERS Hay Tool Catalog. It's sent free.

THE F. E. MYERS & BRO. CO. 738 Orange St. Ashland, Ohio
 Pumps, Water Systems, Hay Tools, Door Hangers



Placed anywhere. Daisy Fly Killer attracts and kills flies. Guaranteed, effective. Neat, convenient. Cannot spill. Will not soil or injure anything. Lasts all season. 20¢ at all dealers. Harold Somers, Inc., 150 De Kalb Ave., B'klyn, N.Y.

MORE THAN 100,000 Farmers Use PARMAK PRECISION THE LEADING ELECTRIC FENCE. Now 6 amazing new models with flux divertor and compound springing inventions. From 1/2 to 5 miles. Send for FREE CATALOG. Shows electric fence construction and farm layout. DEALERS - AGENTS - Money making exclusive territory going fast. Write today. PARKER-MCCORDY MFG. CO. Dept. DV-1 KANSAS CITY, MO.

Mention KANSAS FARMER when writing to advertisers

Breeders Show Ayrshires

NEARLY 1,200 Ayrshire breeders and farmers attended the 4 spring dairy shows held for this breed recently. Sixty-four different Kansas Ayrshire herds were exhibited, and farmers thruout the state competed for cash awards offered by Kansas Farmer Mail & Breeze in the state-wide dairy cattle judging contests.

The 4 shows were held at Caldwell, Hutchinson, Abilene, and Osage City. They represented the 4 districts of South-Central Kansas, Central Kansas, Mid-Kansas, and Eastern Kansas. Following is a complete report of exhibitors and blue-ribbon winners:

South-Central Kansas Ayrshire Show, Caldwell

Exhibitors—M. B. Dusenbury, Anthony; Mathes Bros., Harper; Verne Gottlob, Dale Gottlob, Dr. C. M. Downing, Robert Cook, C. F. Curless, Bob McMichael, and W. H. Hardy, all of Arkansas City; and H. S. Call, Cedar Vale.

Blue ribbon winners—C. F. Curless, Dr. C. M. Downing, W. H. Hardy, M. B. Dusenbury, Mathes Bros.

Kansas Farmer judging contest winners—W. H. Hardy, Mrs. C. M. Downing, R. D. McMichael, Mrs. R. D. McMichael, all of Arkansas City; and Mrs. M. B. Dusenbury, Anthony.

Central Kansas Show, Hutchinson

Exhibitors—O. C. Balzer, Inman; Merwin Jones, Marlon E. Williams, F. E. Schrock, all of Sterling; Herbert W. Buller, N. B. Martens, Buhler; Wm. K. Dyson, G. Fred Williams, Fred Strickler, Floyd Jackson, Frank M. Jackson, William Might, Lester J. Lancaster, C. L. Hendershot and Sons, Lowell Strickler, all of Hutchinson; H. W. Fox, Larned; E. F. Grapes, Cullison; Marvin Westerman, Moundridge; W. D. Hand, Sedgwick; Harry Higgins, Abbyville; Henry Sewing, Macksville; H. L. Rinehart and Sons, Greensburg; Chas. White and Kelman Bros., Arlington.

Blue ribbon winners—Frank Schrock, Henry Sewing, Chas. White, H. L. Rinehart, Fred Williams, C. L. Hendershot, Lester Lancaster, Fred Strickler.

Kansas Farmer judging contest winners—C. L. Hendershot and Mrs. Fred Williams, Hutchinson; Jerry Cochran, Little River; Mrs. Roy Rinehart, Greensburg; and Herbert W. Buller, Buhler.

Mid-Kansas Show, Abilene

Exhibitors—Ulrich Farm and Dan D. Casement, Manhattan; R. E. Stark and Son and H. H. Hoffman, Abilene; P. H. Penner, Harrison Unruh and Sons, and D. P. Kasper, Hillsboro; Oscar Weinbrenner, Lehigh; Harry Tannehill, Clay Center; A. C. Tannehill, Broughton; and John Griffith.

Blue ribbon winners—D. P. Kasper, Oscar Weinbrenner, R. E. Stark and Son, Dan D. Casement, and Harrison Unruh.

Kansas Farmer judging contest winners—Marion Velthoen, Manhattan; W. C. Ains-

worth, Elmo; E. S. Helbert and P. H. Penner, Hillsboro; E. H. Hoffman, Abilene.

Eastern Kansas Show, Osage City

Exhibitors—Bud Harold, Harvey Davenport, Bert Davenport, Francis Dugger, and Imogene Davenport, all of Osage City; Warner Pape and Sons, Robinson; Richard and Raymon Scholz, Lancaster; John C. Keas, John Robert Schurman, and Roberta Keas, Effingham; A. M. and Rose Marie Affolter, Princeton; Wayne Davis, Barclay; H. A. Ward, Ottawa; Bernice Wiggins and Esther Louise Jones, Lawrence; Harry Holmes, Olathe; Eber C. Swanson, Ratone; Pauline Scholz and Karl Scholz, Huron.

Blue ribbon winners—John C. Keas, Karl Scholz, Roberta Keas, Richard and Raymond Scholz, Warner Pape and Sons, Harvey Holmes.

Kansas Farmer judging contest winners—Karl Scholz, Huron; Willis Johnston, Ottawa; J. B. Wiggins, Lawrence; Richard Scholz, Lancaster; and Ernest Adcock.

Harnessing the Rain

Ponds for stock water and terraces to control soil erosion are considered the most important of farm improvements on the Grover Poole ranch located south of Manhattan in Geary county. With ponds and terraces, Mr. Poole harnesses the rains and makes the water they bring work for him in-

stead of rushing across fields and pastures carrying off valuable top soil.

Mr. Poole is a pioneer so far as terrace construction is concerned. With his brothers, he built the first terrace on the Poole Ranch back in 1907. An older brother, a civil engineer, provided the technical service for laying off the terrace and as Mr. Poole jokingly remarks, "He supplied the inspiration, too," for the rest of the family did not think much of that ditch across the field.

Mr. Poole adds that the "ditch" did demonstrate that terraces would reduce soil washing, so when the modern era of terrace construction did come along, he was ready to build them. Now 350 acres of this ranch are terraced; all terraces are big and wide and Mr. Poole says they can be farmed over with little difficulty.

Five big ponds, all about 18 feet deep, have been built on this ranch since 1936, in co-operation with the AAA range program. Mr. Poole is enthusiastic about ponds. "They are the most dependable source of stock water on my ranch," he says. The same as other ranchers, Mr. Poole has found that if watering places are not properly distributed over a range, the cattle will tend to over-graze and kill out the grass around a water supply.

Ready Help for Readers

NOW that you are well into spring work you undoubtedly have some purchases you want to make, repairs or new equipment, that will help you farm. The pages of Kansas Farmer are a good place to do your spring shopping.

You see, you can learn all about the products advertised in Kansas Farmer, prices, features, size and other factors, from the booklets made available by the manufacturers. And this material needs only a request, either by letter or postal card, to bring it to you.

Here is a list of advertisers in this issue, who will be glad to send you the material mentioned in their ads. Write today.

If you are installing or renewing a water system, send for the Flint & Walling windmill and pump catalog advertised on page 8.

Now about that clothing problem,

the big free catalog offered by the Stockman-Farmer Company on page 8 may be of considerable assistance to you.

"Field to Thresher" is the headline on the Epic Sweeprake ad on page 8. Send for your copy of the catalog.

And if you are planning that new silo, be sure you send for the prices and discounts offered by National Tile Silo Company on page 8.

Building? Be sure you use the coupon on page 11, when you ask for a copy of "Greater Farm Profits From Better Farm Buildings."

For that new irrigation system, send for the Western Pump catalog advertised on page 16.

Do you have a lot of dirt you want moved? Get the details from Duplex Construction Company at the address on page 18.

As haying time nears you will want a copy of the Myers catalog mentioned in the hay tool advertisement on page 18.

Poultry raisers are finding the Dr. Salsbury booklets, "Turkey Talks" and "First Aid to Poultry," mighty handy. Get your copies. See the ad on page 19.

Of course, when you write the advertisers, mention Kansas Farmer.

Cash for a Splash

Come on folks with a dash, grab a pen and make a splash. If your line is worth its hash, there's a prize for you of \$2 cash!

All you have to do to win in this easy contest is write the best last line for the jingle below. Look thru the ads in this issue and get some ideas. Then write a bunch of last lines, list them on a post card, and send them in. Tell us the name of the ad from which you got your idea. Get the whole family to try.

First prize of \$2 in the April 20 contest goes to Paul Tullen, R. 5, North Topeka, for this line: "Lice find grief, hens relief in Black Leaf 40." Close on his heels were Mrs. A. E. Splitter, Frederick, Miss Phyllis Burkland, Junction City, and Miss Hazel Bryson, Abilene.

You may order bulletins or leaflets in your letter. Address: Jolly Jingo-leer Club, Kansas Farmer, Topeka.

Here's the next contest jingle: "This barn's a wreck," said Q. Cumber. "It really is a back number."

The best I prize So I'll modernize,

Living on Frozen Assets

(Continued from Page 3)

the plants, sharp freezing rooms are held at 20 below zero or lower, while chill room temperatures average around 32 to 35 degrees above.

About 3 of every 4 locker users in Kansas are rural patrons while 1 out of 4 lives in town. The rural patrons live an average of about 8 miles from the plant, and 25 miles is the farthest distance reported. These users average nearly 2 trips to the locker each week.

In 1939 the average meat storage for Kansas locker owners included 184 pounds of beef, 136 pounds of pork, 42 pounds of chicken, 9 pounds of veal and mutton, 7 pounds of turkey, 5 pounds of lard, 3 pounds of other poultry products, and 1 pound of fish, for a total of around 390 pounds. The average locker offers about 6 cubic feet of storage space, and rents for \$9 or \$10 by the year or \$1 a month.

Locker owners have found that beef can be stored successfully for periods of 9 to 12 months, but the majority consider that pork should not be stored longer than 3 to 5 months. It is not considered advisable to store ground meat for periods of more than 3 months. Lamb keeps well for 6 or 8 months. Good quality butter can be preserved in excellent condition for several months.

Storage of fruits, especially strawberries and raspberries, has proved

more successful than storage of vegetables. However, peas, beans, and other vegetables can be satisfactorily preserved if a temperature of zero or lower is maintained in the locker. Freezing fixes the green coloring in such products so that when vegetables from lockers are cooked, they actually remain greener and more attractive than products direct from the garden. Best flavor is maintained if frozen vegetables are not allowed to thaw before being put on to cook.

In the case of fruits and vegetables, variety plays an important part in determining the success of locker storage. For instance, the best bean varieties for cold storage are Kentucky Wonder, Full Measure, Stringless Green Pod, and Green Prolific Lima. For corn storage, Golden Bantam, Golden West, and Country Gentleman have proved satisfactory. Pea varieties that have been the best keepers in lockers include Alderman, Laxtonian, and Early Alaska.

Strawberries of the Dunlap and Aroma varieties keep fairly well, but more firmness in locker storage has been displayed by Howard, Blakemore, Howard Supreme, Dorsett, and Progressive. For storage of sour cherries, the Montmorency, Early Richmond, and English Morello varieties have proved their worth as good keepers.

LEGHORN POPULARITY

Still Grows

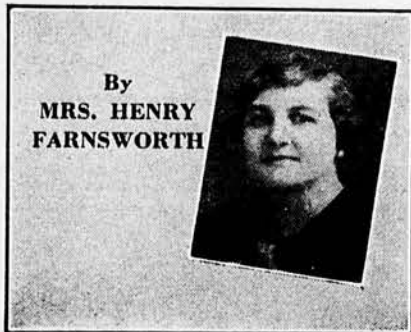
THERE is some difference of opinion as to how Leghorns came to America. Some authorities assert they were brought here from Leghorn, Italy, and were called "Italians." Other historians claim they are descendants of the White Spanish and were brought here from Spain. But whichever may be correct, it was left to Americans to give them the name, Leghorns. And, contrary to many beliefs, England imported their first Leghorns from America in 1868.

It is due to the early breeders of the country that the type, color markings, and heavy egg production were established. The Leghorn characteristics were admirably suited for developing the egg production traits to their fullest extent. In the first place, the demand for eggs in the Eastern cities along the seaboard was greater than the supply. This, naturally, made egg production of paramount importance. And much attention was given to fowls that showed superior production.

At the same time, the shows in the East among the fanciers were encouraging the producing of good type and color markings. These 2 demands brought the development of the Leghorn breed to the attention of poultrymen. Hundreds of small farms sprang up for the purpose of filling the demand for eggs, and the Leghorn breed was selected by many for this purpose.

They were economical feeders, 3 could be housed where only one of the heaviest breeds could be kept, they stood confinement well since they were of an active, energetic disposition, and their eggs were of a uniform color that brought premium prices on the Eastern markets. Breeders who supplied these eggs to New York consumers are to be credited with creating the demand for white eggs that still holds true on this market.

Knapp Brothers and C. H. Wyckoff were 2 of those early breeders who saw the advantages of the Leghorn breed and devoted much time to developing



By
MRS. HENRY
FARNSWORTH

it along production lines. The early Leghorns were high-tailed, short-bodied birds, but as these breeders selected their best layers they developed a longer-bodied bird with a better body depth.

Such fanciers as D. W. Young and W. F. Whiting, of New York, developed the breed from a fancy standpoint, making it one of the most attractive breeds as well as one of the most useful. Taking the Leghorn breed as a whole, they are credited with producing eggs at the lowest cost of maintenance under different climatic conditions; their eggs of chalk white color make them a general favorite, too.

Today there are many other profitable breeds, but none have taken the place of White Leghorns on the commercial egg farms. One should remember, however, there are good and poor strains of every breed, and, to get the best results, we should get chicks and hatching eggs from strains that have been bred for heavy production over a long period of years.

Are Your Chicks Cannibals?

Feather eating, cannibalism, picking, or pure cussedness, whatever you want to name it, is something most poultry raisers have experienced. Keeping the brooder house darkened is helpful. This may be done by rubbing Bon Ami on the window panes; or burlap bags may be hung over the

windows, leaving the house just light enough for the chicks to see to eat. Too high temperature may be one cause of this trouble. Too much heat dries out the moisture from the skin, causing it to itch; also too high temperature causes poor feathering, lessening appetites and less pep.

Once established it becomes a habit. Scattering grain in the litter helps to keep chicks busy. Feeding oats liberally is a method that has worked for some poultry raisers. Oats have the necessary food elements to grow feathers and frames quickly. For the "unfortunates," there is a preparation on the market that may be used. Or pine tar smeared on the picked places keep the "pickers" at a distance, tho it does spoil the beauty of the "painted ones."

Eleanor Gets Kansas Boots

Leather from Kansas hides may soon grace the feet of Mrs. Eleanor Roosevelt. A pair of field boots were recently made in Wichita for the First Lady. Schuyler Jones, Jr., official of a Wichita boot company, measured Mrs. Roosevelt for the boots during a visit at the White House.

Why Hens Need Lime

By HARRY W. TITUS

Chemical analysis of the calcium in an egg shows that a 200-egg hen uses nearly a pound in her yearly output—the equivalent of nearly 2½ pounds of limestone. A 200-egg hen has to supply each year, roughly, 15 times as much calcium as she has in her body at any one time, and so requires a steady supply. Ground limestone and oystershell are preferred sources and contain about the same percentage of calcium.

Young chickens use lime for building their growing skeletons, but laying hens need at least 3 times as much for eggshells.

Romance on the Air

(Continued from Page 5)

see those children spoil their lives without trying to do something about it," she exclaimed aloud as she energetically sought pen and ink. "It may not help, but it won't hurt anything."

She wrote, rewrote, and then copied her letter in a bold confident hand. It was only after she had finished and posted the letter that she was assailed with doubts. "Maybe I'm being just a meddling old fool who doesn't know what she's doing," she thought in discouragement.

"Dear Miss Lynn," she had written, "Once I was as young, as talented, as beautiful, and as ambitious as you are. The enclosed pictures and clippings will prove that. I was just getting started as you are when I fell in love. When love and career conflicted, I broke my engagement and threw myself into my work with greater enthusiasm than ever. I was fast coming to the top in my profession when information reached me that my former fiancé had married.

"Until then I had never actually realized what he meant to me. In my heart I had thought he belonged to me and would always belong to me. You have no idea of the feeling of desolation that swept over me when I knew that I was out of his life forever. I felt as if something had curled up inside me and died. My zest for a career crumbled from that day and, try as I might, I never again worked up any enthusiasm for it.

"I married later and have worked out a happiness of a sort, but life has never since been the same for me. I

am hoping that you won't make the same mistake I did. No career is worth giving up the man you love and who loves you.

"Sincerely yours, Evelyn Meade."

Nothing could have kept little old Mrs. Meade from the radio during the next few broadcasts of the Supper Club. As anxious as a skilled surgeon over a doubtful case she listened closely to detect any change in the tones of Bruce's or Tressa's voice.

The change came more quickly than she expected. Bruce's voice was alive with triumph, exultance, and humble

Guessing May Work, But—

Guessing at what and how much to feed a baby chick is like guessing at how to fix a car. You might be right—but, you might be wrong! If the car dies you can try something else. But if the chick dies, that is the end. There's no second chance. Chicks are far more delicate than a car, so it does not pay to guess. "The Hendriks Method of Feeding Baby Chicks" tells you exactly what to feed and exactly when to feed it. It's simple and easy and hundreds have proved it. For a copy of the Hendriks Method send a 3-cent stamp to Farm Service Editor, Kansas Farmer, Topeka.

pride once more. Tressa seemed almost shy, her voice a trifle trembly, but a glad note running like a thread thru it.

Evelyn renewed her efforts on the bedspread and she wasn't surprised the next day, when Bruce announced, "I am sure you will congratulate me on my marriage this morning to Miss Tressa Lynn, beautiful and talented singer for the Supper Club." Evelyn settled back in her chair with a sigh of relief.

She finished the bedspread and received a gracious note of thanks signed by Mr. and Mrs. Bruce Killion. She started another piece of fancy work, as she contentedly listened to the Supper Club.

Then Tressa Killion quit singing for the program. "Retired from public life," was the explanation.

As the months rolled on, Evelyn detected a note of anxiety in Bruce's voice. "It's only natural," smiled Evelyn Meade contentedly. "Nothing to worry about."

Again she wasn't surprised at Bruce's announcement. "I'm sure you will all be interested to learn of the birth of mine and Mrs. Killion's little daughter last night. We are naming our baby, Evelyn Meade Killion after a dear little lady, who has contributed to mine and Mrs. Killion's happiness in a way that we can never repay as long as we live."

"Bless their hearts," smiled little white-haired Evelyn Meade as she wrapped an embroidered baby coat and cap, "I had no idea they'd name it after me."

WHAT SHOULD I DO FOR CHICK BOWEL TROUBLES?



When chicks show signs of bowel troubles, put Dr. Salsbury's Phen-O-Sal Tablets in their drinking water at once!

Phen-O-Sal is a double-duty* medicine—every tablet uniform in quality and composition for accurate dosage. Dissolves quickly in the drinking water.

Demand genuine Dr. Salsbury's Phen-O-Sal Tablets for your chicks. See your Dr. Salsbury dealer, who may be a hatcheryman, druggist, feed or produce dealer. Get Phen-O-Sal Tablets today! DR. SALSBUURY'S LABORATORIES, Charles City, Ia.



*DOUBLE-DUTY MEDICINE
Dr. Salsbury's Phen-O-Sal acts TWO ways: (1) checks germ growth in drinking water; (2) medicates chicks' digestive system.



Do You Want A Baby?



Many women from Coast to Coast, formerly childless for years from sterility due to functional weakness, ARE NOW PROUD and HAPPY MOTHERS from knowledge and use of a simple home method—details of which we send FREE on request. Parents are admittedly far happier, healthier, and more contented than childless couples! A baby gives the real home spirit and ties a husband and wife in trust, enduring love and mutual interests. The majority of discontented, unhappy marriages are those of childless couples.

GET THIS KNOWLEDGE FREE!

During 40 years of practice in functional conditions of women Dr. H. Will Elders developed this home method, which is described in our illustrated treatise sent FREE ON REQUEST. It discusses many subjects relating to the female organs and tells how you too may often combat your troubles as have others who reported arrival of babies after being childless for years, due to functional weakness and report as well satisfactory relief by this home method. At your druggist or write Dr. H. Will Elders Products, Incorporated, Suite 365, Schgolder Bldg., St. Joseph, Missouri

BABY CHICKS
NEED *St. Vampiro* KILLS LICE AND MITES
10¢ AT ALL DEALERS
ALLAIRE WOODWARD & CO., PEORIA, ILL.

Ann Arbor
MADE RIGHT—PRICED RIGHT FOR MORE AND BETTER BALES
10 Models
PICK-UP SELF-FEEDING 2-MAN BALER. Average tractor will pull and operate to capacity for traveling or stationary use. Double feed head, 28-in. feed opening, 84-in. tying space. Smooth timing. Easy feeding.
Bear Cat Feed Mills—Fox Cutters
ANN ARBOR-KLUGHART CO.
1813 W. 18th St. Kansas City, Mo.

20% FASTER GAINS · 25% Less Feed
SAVE WORK! All-metal, long-life HASTINGS Feeder
saves 1 bu. feed of every 4! Handles all feeds, minerals, 1 to 3 kinds at a time. Wide bottom—no clogs or spills. Feeds from both sides. New feed controls, covers, 4 sizes, low as \$12.50. Write for free booklet.
Hastings Equity Grain Bln Co., Dept. K-5, Hastings, Nebr.

DO NOT FAIL TO INCLUDE IN YOUR LIST OF CHARITY GIVING, THE CAPPER FOUNDATION FOR CRIPPLED CHILDREN
There is not a more worthy philanthropy. You could do no finer thing. Nineteen years of unselfish, intensive, uninterrupted service is behind this foundation. It needs your help—any amount is gratefully received. Address:
CAPPER FOUNDATION FOR CRIPPLED CHILDREN
20-C Copper Building, Topeka, Kansas

FARMERS!

You can buy the World's best dammer with no money in advance; you can try on your own farm back of a one-way duck foot, chisel, disc or lister with all planting attachments, if desired. The Ausherman, backed by years of experience, is the only dammer that will do every kind of damming or puddling job; attached to any implement in five minutes. Write for beautifully illustrated circular. If there is no dealer in your neighborhood, buy at a discount and become our representative.

Ausherman Universal Dammer Co., Box 1492, Wichita, Kan.

MACHINERY

BARGAINS USED TRUCKS

Large stock of good used Pickups and 1/4-ton trucks—1934 - 35 - 36 - 37. Priced from \$135 up.

INTERNATIONAL HARVESTER CO.
14 N. Kansas Phone 2-1156 Topeka, Kan.

Build, Shop Worn and Used machinery priced to move. Model D John Deere tractor No. 114083, built \$400. Model E John Deere 1939 like new, \$500. Holt Caterpillar, \$100. 15-30 McCormick riding \$150. 3/4 yard Marshall concrete mixer, \$450. 8 ft. Russell grader, good, \$200. Killifer Rotary scraper, good, \$150. Scarifier, hoe, 20 Caterpillar size, \$60. 51A White new tires, \$250. No. 5-12 ft. John Deere blade on rubber, \$550. 25-46 Case steel roller, fair shape, \$100. 28-44 Rumely steel roller, fair, \$100. Gleaner 12 ft. combine, \$150. 10 Fairbanks 5 inch centrifugal pump, like new, \$65. 601 John Deere three row listed corn divider, like new, \$50. Two, three and four row tractor plows, cultivators, listers, potato rows, potato sorters, grinders, engines. Write our free bargain list. What do you need? Perhaps we have it. Green Brothers, Lawrence, Kan.

Grain for Your Combines. Get into harvest to get it all; less power, no cracking; faster. Get fool with worn cylinder bars. Get the Sherman Reversible Self-Sharpening bars. Use in any straw and by far the best in tough law. Soon saves cost in grain saved. Made for big combines by established square-dealing company and 5 years field tested. Time is short. Write today for full details. Ausherman Mfg. Co., Wichita, Kansas.

Portable Hammermill Operators make regular weekly net earnings \$50, \$75, \$100 more. Pords exclusive Molasses Impregnated operators big competitive advantage. Investment may be purchased 25% down, balance on earnings. Write for particulars about this sure, profitable year-round business. Sherman Company, 1414 12th, Streator, Ill.

Sale: 15 ft. '34 model Holt combine, good condition. Oliver 8 ft. grainmaster, PTO, A-1 condition. John Deere GP tractor, wide tread, 12 model with cultivator and power lift. '33 model combine, 6 ft. IHC combine, 1939 model motor. Wright Oil & Implement Co., Abilene, Kan.

Minneapolis-Moline Combines on rubber and steel, \$700.00 up; also Baldwins, New Massey-Ferguson tractors on rubber, new 10 ft. M. H. R. M. O. Koelling, Osborne, Kan.

Sale: 24 inch New Racine separator in good condition, \$225.00; 28 inch Advance-Rumely separator in fair condition, \$110.00. Dixon Hardware & Implement Co., Junction City, Kan.

Case Thresher, Model CC Case tractor, on rubber, used two years. Cheap for cash. Gaadt, Alma, Kan.

1940 Catalog of improvements, attachments and repairs for all combines, harvesters. Richardson, Cawker, Kan.

12 ft. 1936 or later Baldwin combine. Increase cut, price and if sheded. Benj. Moris, Enterprise, Kan.

Farmal Tractor F20, 1937 Minneapolis-Moline 12 foot harvester. Good condition. John G. Hollis, Kan.

Five Baldwins, two Minneapolis-Moline combines. Thompson Brothers, Minneapolis, Kan.

Sale: Used Baldwin Combines. Shaw Motor Co., Grainfield, Kan.

REBUILT TELEPHONES

Rebuilt Telephones: Save 50 to 75% by using our guaranteed rebuilt telephones. Free bulletin. Lists wanted. Farm Telephone Co., Dept. J, 301 Park Station, Chicago.

SILK HOSIERY

Merino Hosiery, 5 pairs, \$1.00. Three full-fashioned, \$1.25. Direx, RL346W, Broad, Savannah, Georgia.

MEDICAL

These Eczema Solution, famous Chinese remedy brings quick relief. Completely effective in relieving torture of eczema, ends itching, burning, pus and watery-like skin affliction. If you become discouraged and want relief, don't buy. Write now for this celebrated Chinese Eczema Solution. It's well worth trying. Guaranteed relief on money back. Send \$1.00 small size Herbalist, Miles City, Montana.

Fever Sufferers, let us help you obtain relief. We act as your representative. No selling. The Nasal Inhaler Co., Walton, Ky.

RAT POISON

DON'T FEED YOUR RATS

BUT ONE MORE TIME!

Feed them SMITH'S RAT KILL! Kill your rats. Quit experimenting, we've done that for you. There can be no mess nor mistakes when you use SMITH'S RAT KILL, a complete bait ready to use. Kills only rats and mice. Write for free information.

NATIONAL SALES CO., Box 552, Enid, Okla.

Guaranteed At Your Dealer

Kansas Farmer for May 18, 1940

LIVESTOCK REMEDIES

Abortion Protection One Vaccination. Government licensed vaccine, money back guarantee. Also sleeping sickness vaccine. Free literature. Farmers Vaccine Supply Company, Department P, Kansas City, Mo.

INTEREST TO WOMEN

Ladies Silk Dresses, slightly used, stylish models formerly up to \$10 each, now 3 for \$1.00, or 12 assorted styles \$3 plus postage. Send \$1.00 deposit. Opportunity for bazaars or private use. Liberty Mail Order Co., Dept. C, 204 Madison St., New York City.

MISCELLANEOUS

Farmers: Throw away buckets, funnels and fuel tractor in two minutes. Dealers wanted. Sheldon Tractor Filler Co., Cunningham, Kan.

Prevent Stock Losses—Use Al-Wuz-On ear tags. Free sample. Write Intermountain Stamp Works, Salt Lake City, Utah.

Boys, Girls, Earn Typewriter, penset, camera, cash—easy. Vosacek, 1634 Monroe, Chicago.

120 Finest Double Edge razor blades 98c plus tax. Send \$1.00. Box 72, Sterling, Kan.

LAND—KANSAS

Two Choice Farms

141 a. all in the fertile Kaw Valley 15 miles west of Topeka on paved highway. All in cultivation, 20 a. alfalfa, 20 a. sweet clover, balance corn, oats and wheat. Neat 5 room bungalow, new poultry house, excellent large barn all completely repaired and painted. \$2800.00 cash then annual payments of \$724.39 including interest buys this farm.

240 a. near Kimball in Neosho County, fertile black loam stock farm. 90 a. cultivated, balance fine lespedeza pasture. All buildings recently repaired and painted, making an attractive home and there will be no expense for repairs for years. \$850.00 cash then annual payments of \$465.90 including a low rate of interest.

EARL C. SMITH

412 C. B. & L. Bldg. Topeka, Kansas

Improved Farms for Sale, Catholic community, easy payments. Graves & Munding, St. Paul, Kan.

Suburban Homes, houses and farms for sale. Write T. B. Godsey, Emporia, Kan.

LAND—MISCELLANEOUS

Federal Land Bank Farms

Sensible security for you! Buy a productive farm easily and economically through the Wichita Land Bank. Easy—a small down payment and the balance on long terms at low interest. Economical—all farms priced at actual valuation. No trades. Write for information about real farm values in Kansas, Oklahoma, New Mexico, Colorado. Tell county and state preferred.

THE FEDERAL LAND BANK
Wichita, Kan.

Good Farms Available. Washington, Minnesota, Idaho, western Montana, Oregon. Dependable crops, favorable climate. Write for impartial advice, literature and list of typical bargains. Specify state. J. W. Haw, 81 Northern Pacific Ry., St. Paul, Minn.

Farm and Ranch Opportunities in Minnesota, North Dakota, Montana, Northern Idaho, Washington, Oregon. Write for dependable information and land lists. E. B. Duncan, Dept. 502, Great Northern Ry., St. Paul, Minn.

REAL ESTATE SERVICE

Sell Your Property quickly for cash, no matter where located. Particulars free. Real Estate Salesmen Co., Dept. 510, Lincoln, Neb.

Ridding Roosts of Lice

Robbers in the hen roost in the form of lice and mites have various degrees of toughness. Some are easy to kill and some are not so easy. Among the meanest looking are the several types of lice, but as often is the case in real life, these fellows give up easily. A few whiffs of Black Leaf 40 knock them cold.

The real "tough guys" are the feather mites. These feather mites, which fasten themselves around the shanks of the feathers, can be killed by nicotine fumes, but they are not nearly as easily destroyed as the common chicken louse. Light application of nicotine has been advocated for poultry roosts to kill lice, but where you have feather mites, you need to put on an additional quantity.

Cleanup Saves Stock Losses

Kansas farmers, joining action with other principal farming states, have launched the nation's fourth annual "farm cleanup week" in an effort to reduce the millions of dollars of annual losses caused by yard-borne livestock diseases.

Here are highlights of the farm cleanup, as outlined by the committee of the American Foundation for Animal Health and reported by Dr. J. W. Lumb, extension service veterinarian, Kansas State College, Manhattan:

Clean and disinfect livestock barns and buildings. Fill or fence mudholes, and fence off manure piles. Burn old

straw stacks. Board up holes beneath buildings. Eradicate rats, mice, pigeons, and sparrows. Scrub feed boxes and roosts with hot lye water. Prepare new, fresh ground for young livestock, away from old pasture.

"Farmers carrying out this systematic cleanup can expect at least 20 per cent less livestock disease in their herds this year," the Foundation committee's report declares. "Multiplied thru all principal farming states, that means millions of dollars in added livestock profits. The germs of many livestock diseases can live for as long as 2 years in old buildings and lots. The only way to prevent the same diseases attacking young stock periodically each year is to eradicate the germs by a regular cleanup at the source of infestation.

"In addition, the committee recommends use of the McLean county clean ground system, vaccination against hog cholera around weaning time, and a program of balanced ration feeding as safeguards to swine profits for 1940."

Sells Beaver Pelts

The Forestry, Fish and Game Commission's annual sale of beaver pelts, held at Pratt on April 1, attracted 200 fur buyers and trappers. The 420 beaver pelts, of particular interest to eastern furriers, brought prices ranging from \$9 to \$23 a pelt.

The beaver had been trapped under state supervision, from areas where they had been complained against because of the damage done by them to farm lands and other properties. These pelts, according to veteran fur buyers and game officials, were of fine quality and commanded unusually high prices.

IN THE FIELD

Jesse R. Johnson
Topeka, Kansas



DAVIS BROTHERS' JERSEY HERD is located at Rock, Kan., in Cowley county.

BELLOWS BROTHERS, of Maryville, Mo., authorize us to claim October 18 for their fall sale of Shorthorn cattle. Forty head will sell.

ROTHCHILD FARMS HEREFORD SALE will be one of the important sale events of the year. On June 24, 25, 26 they will disperse all their registered Herefords at the farm near Norton.

October 7 is the date selected for the NODAWAY COUNTY ABERDEEN ANGUS SALE at Maryville, Mo. R. M. Evans is president of this association, and Hal T. Hooker is secretary. These breeders live at Maryville.

CLARENCE MILLER, of Alma, writes he is entirely sold out of registered fall Duroc boars. He has a great lot of spring pigs, mostly sired by his herd boar, Cheyenne. Mr. Miller has recently purchased an outstanding son of Cheyenne for use in the herd and might let Cheyenne go to do service in some other herd.

ADAM H. ANDREW is one of the state's oldest breeders. He has been breeding Shorthorns for 40 years. Careful in selecting proper bloodlines and using good individuals he has built up a good herd at Girard. Mr. Andrew does not hold public sales but sells at private treaty, and his young bulls are developing nicely.

BARTON COUNTY 4-H CLUB BOYS have recently purchased something like a dozen Milking Shorthorn heifers for their projects. Among breeders from whom calves were bought are Harold Roger, Junction City; J. R. Hoffman, Abilene; and Leon Breeden and Howard Sharp, two Barton county breeders. This county now has 18 Milking Shorthorn breeders, counting club boys and big and small breeders. A county association will be established soon.

S. E. AMCOATS, of Clay Center, one of the oldest breeders of Shorthorns in the country, has a program that promises breeding stock for old and new customers almost every month in the year. He plans to have bulls ready for service and younger ones almost any time he has a call. He is fixed for this right now. Mr. Amcoats reports good rains during the last few weeks with some hail which did little damage. Pastures are starting fine, he says.

DWIGHT ALEXANDER, breeder of registered Polled Milking Shorthorns, reports unusual demand and sales for the last year. Mr. Alexander has one of the outstanding herds of the state. His bulls come from the best herds in the East, and his foundation cow herd descended from ancestors noted for their dual-purpose conformation. Mr. Alexander has a good size herd and can always supply bulls, and just now a few females can be spared. The Alexander herd is located at Geneseo.

One of the outstanding herds of Shorthorns of the Middle West is found at BELLOW'S BROTHERS FARM near Maryville, Mo. The breeding animals found here have met the test of the show ring and the demand of the most constructive breeder. The young bulls that have reached service age show the worth of the use of carefully selected herd sires mated to good

Right-Wrong Building

Saving a few nails at the cost of squeaking floors, and saving a little labor and material at the expense of excessive fuel bills and repair costs, is expensive building economy. The illustrated booklet, "The High Cost of Cheap Construction," tells how to avoid the pitfalls of cracked walls, sinking foundations, and firetraps, and it pictures the right and wrong way of building. While this book is concerned mainly with a home, its principles are applicable to any farm building. For a free copy of this booklet, as well as a free copy of another farm building booklet, send a card to Farm Service Editor, Kansas Farmer, Topeka.

females. As they are not holding their sale until October 18, they have decided to sell some of their good, young bulls at private sale,

James T. McCulloch reports the sale of high grade Herefords, held by the HARRY STEWART ESTATE at Irving, recently. The herd, composed of about 185 head, sold for \$9,896, including about 40 calves selling with dams. About 12 years ago Mr. Stewart purchased from the Cottrell and Winters herd, in Marshall county, a small bunch of purebred heifers. During the dozen years good bulls have been used from the Fred Cottrell and other herds, the last 2 bulls coming from the Hazlett herd. Cattle were grown under farm conditions.

A new herd of Percherons has just been started at Tonganoxie, according to information just received from the Percheron Horse Association of Chicago, Ill. Benjamin B. Foster, owner of the Foster Hereford Farms, of Rexford, has purchased 4 registered Percherons from Fred P. Schell, Jr., Liberty, Mo. He has presented them to his great-nephews, FOREST W. AND THOMAS C. LAMING, of Tonganoxie, Kan., for the boys to start a new herd on their 2,000-acre farm. One of these mares has a foal, and the other mares are all in foal to the high-class sires maintained at the Schellcrest Farm.

Ivan N. Gates, sales manager of West Liberty, Ia., sends us the following report of the C. D. LOBER JERSEY DISPERSION SALE at Weston, Mo., on May 1: It was a cold rainy day, but, despite this, 58 head sold for almost \$4,000. The top-selling animal was Lot 2, a choice cow, and she sold for \$200 to Normandy Farms, of Dayton, O. Twenty-three cows averaged \$93.80, and 24 heifers averaged \$57.60. Three bulls averaged \$89.17, and 4 baby bulls averaged almost \$25 each. Four small heifer calves averaged \$25.50. Iowa buyers took a number of the offering, while others went to Missouri, Kansas, Nebraska, and Ohio.

J. M. KIRKPATRICK, president of THE SECURITY BENEFIT DAIRY, informs us that proof of the results they have had by advertising consistently in Kansas Farmer, is that they have sold all their bulls of serviceable age for prices ranging up to \$250, and have leased all the younger bulls except a couple of late February and March calves. "We find," says Mr. Kirkpatrick, "breeders with less than 15 cows (altho we have bulls on lease in herds of more than 50 cows) would rather lease bulls from us than buy them. This enables them to use the bulls as long as they can, and then get others in time for the second ones to be ready for service when they no longer can use the first ones; that it is cheaper to lease a bull from us than to put a lot of money in a bull every 2 or 3 years."

JAMES B. HOLLINGER, of Chapman, is one of the best known breeders and exhibitors of registered Aberdeen Angus cattle in America. His annual sale will be held at WHEATLAND FARMS, Chapman, June 3. From his herd of more than 400 head he has selected a great lot of choice young bulls and females. Mr. Hollinger invites all lovers of good Angus cattle to attend this sale. While many are certain to go to other states, nothing will please Mr. Hollinger more than to have the best cattle stay right here in Kansas. A great line of foundation heifers sell, many of them in service to the great show bull, Revemere of Wheatland 17th. The bulls are suited to the needs of commercial cattle growers or breeders of registered cattle. The catalog with photos of animals and pedigrees is free for the asking. Mention Kansas Farmer when writing.

Livestock Advertising Copy

Should Be Addressed to
Kansas Farmer
Livestock Advertising Dept.,
Topeka, Kansas

Kansas Farmer is published every other week on Saturday and copy must be mailed to reach the Kansas Farmer office not later than one week in advance of publication date.

Because we maintain a livestock advertising department and because of our very low livestock advertising rate we do not carry livestock advertising on our Farmers' Market page.

If you have purebred livestock for sale write us for our special low livestock advertising rate. If you are planning a public sale write us immediately for our

SPECIAL PUBLIC SALE SERVICE

KANSAS FARMER
Topeka, Kan.

Jesse R. Johnson, Manager
Livestock Advertising Department



WIBW
 Topeka, Kansas
 Founded 1922. Member
 Columbia Broadcasting
 System;
 1,000 watts night power,
 5,000 watts day power

**Hosts of
 Loyal Radio Listeners
 Are Part of
 the CAPPER FAMILY**



KCKN
 Kansas City, Kansas
 Purchased 1935;
 250 watts power;
 serves metropolitan
 Kansas City

Every day thousands upon thousands of persons tune their radios to WIBW and KCKN—the familiar wireless voices of Capper Publications, Inc.

During their years of operation these two radio stations have built an enviable reputation for serving their listeners with highest quality entertainment, news, and general information.

Simply by flicking a switch, the most distant farm family can join their city friends at the ringside of a great sporting event . . . a musical comedy . . . a speech by some world-famous celebrity . . . a beautiful church service. Up-to-the-minute market reports and agricultural suggestions are yours no matter where you live—by the magic of radio.

Capper Publications, Inc., is proud of the loyalty you have shown toward WIBW in Topeka and KCKN in Kansas City, Kansas. We are grateful for your loyalty to the fine products which you hear advertised over these stations and which help make possible the matchless entertainment you receive absolutely free. During 1939 more than \$70,000 worth of new equipment and improvements were added to WIBW to give you even better reception.

Listeners to WIBW and KCKN increase by thousands upon thousands the more than four million homes we call the Capper "family." They do their share in making it a good business investment for advertisers to spend millions of dollars per year for advertising space and radio time with Capper Publications, Inc.

CAPPER PUBLICATIONS, Inc.

Home Office: Topeka, Kansas

WIBW . . . Topeka, Kansas

KCKN . . . Kansas City, Kansas

Michigan Farmer
 Kansas Farmer
 Capper's Farmer
 Capper Engraving Co.

Household Magazine
 Topeka Daily Capital
 Capper's Weekly

Kansas City Kansan
 Pennsylvania Farmer
 Missouri Ruralist
 Ohio Farmer

HOLSTEIN CATTLE

Looking for Production Plus Type??

Sold out of service bulls, but have 3 classy young sons of Sir Billy DeKol Jennie. Twenty years' continuous testing—records on cow families back 4 and 5 generations. Herd officially classified. Past 7 months have had 15 cows finish with better than 500 pounds fat. Visitors welcome.

ST. JOSEPH'S HOME
Abilene, Kan.

BULLS FOR LEASE

This morning's mail was this inquiry from a breeder: "Do you prefer to lease your bulls rather than sell?" In 1936 we leased a young bull. Since then his sire has been proven the highest production index bull in Kansas and 13th in U. S.; his dam has broken 4 Kan. records for production with 2 over 600 lbs. fat in this material sister has made 2 yearly records over 400 lbs. at a 2 & 3-yr. old, each with 4.2% test; his full brother has an average test of 3.8% on official test, and his sisters are an improvement over their dams. The lease record last month and this bull is now one of our Junior Sires. **SECURITY BENEFIT DAIRY** Topeka, Kansas Accredited—Certified

Registered Holstein Bull

For sale. Born April 20, 1939. Dam's record 551 lbs. fat, test. Sired by Melerkord Billy Netherland, whose daughter has produced 294 lbs. fat in 208 days, 4% Price \$100. Also baby bulls on order \$35.00. Frank Hoffman & Son, Fretty Prairie, Kan.

DRESSLER'S RECORD HOLSTEINS
In herd are daughters and granddaughters of state's highest butterfat record cow, Carmen Pearlman, 1,018 lbs. fat. Bulls for sale.
H. A. Dressler, Lebo, Kan.

JERSEY CATTLE

Jersey Records That Count

Herd average for year under D.H.I.A. 500.9 butterfat. High cow 25.4 lbs. fat. All on twice-a-day milkings. Financial King breeding.

DAVIS BROS.
Rock (Cowley Co.), Kan.

NO REGISTERED JERSEYS at Auction

AT ROLLING ACRES FARM, Willard, Mo., June 1

34 FEMALES: Granddaughters of the breed's most prominent sire and bred to bulls that have made an excellent record as cows. 26 heifers, calves, and yearlings. Included is the 1st heifer at Missouri and other important shows.

6 BULLS: Two yearling bulls, three bull calves, and a tried sire. These bulls are bred and are herd improvers.

Write for catalog to Ivan N. Gates, Sales Manager, West Liberty, Iowa, or the owners Clifford Farmer & Sons, Willard, Mo. Agents: Bert Powell, Art Radford, L. J. Boyd

Eagle's Master of Oz

Now up at Blue Rapids in the Waggoner Jersey herd. Like all the rest of the Eagles the young sire is contributing to the wealth of Kansas—no sire bull is contributing as much to Kansas today as "Old Eagle."

A. LEWIS OSWALD, Rotherwood Jerseys Hutchinson, Kansas

Noepple Jersey Farm

Offers just what you would like for your next sire. The herd that is known all over the Midwest. Just drop a card.

COLONY, KANSAS

DAIRY CATTLE

FANCY DAIRY HEIFERS

\$50, \$10.00 and \$15.00. Registered Bull \$25.00. Write Dairy Cattle Co., San Antonio and Dallas Write Box 6313, Dallas, Texas

KANSAS FARMER

Publication Dates, 1940

| | |
|-----------|---------|
| May | 4-18 |
| June | 1-15-29 |
| July | 13-27 |
| August | 10-24 |
| September | 7-21 |
| October | 4-19 |
| November | 2-16-30 |
| December | 14-28 |

Advertising

To insure being run in any issue, copy should be in our office one week in advance of any date given above.

CLIFFORD FARMER AND SONS JERSEY SALE at Willard, Mo., on Saturday, June 1, is a sale that those interested in purchasing high-class registered Jerseys cannot afford to pass up. Clifford Farmer is one of the breed's foremost boosters. This is based on the number of cows that have been officially classified and the high rating given them, plus the production and show-ring records made by this herd in recent years. The 34 females are the prize-winning herd-improving kind, and the 6 bulls are carefully selected to suit those wanting tops in bulls. Write to Ivan N. Gates, West Liberty, Iowa, who is the sales manager, or to the owners for a catalog.

J. C. BANBURY & SONS, Polled Shorthorn specialists of Plevna, carried about 150 head of cattle thru the winter. The herd came thru in fine breeding form, a little lacking in flesh but more useful from the standpoint of breeding than if too fleshy. The firm was never before in better condition to take care of the needs of old and new bull customers. The 20 young bulls show improvement over others that have preceded them in former years. The breeding operations in this good Polled Shorthorn herd indicates what can be accomplished over a period of more than 30 years by selection, culling, and using good herd bulls. The young bulls now on hand are by 3 different sires, many of them by the Omaha grand champion. About 30 young calves have been dropped to date and others are arriving every day.

Many letters of congratulations are being received by the livestock department regarding the recent annual **DAIRY ISSUE OF KANSAS FARMER.** The close attention and careful reading of the issue is indicated by letters calling attention to special articles, field notes, and advertisements that appeared. One reader went to the trouble of counting the advertisements of dairy cattle breeders using space. According to his count there were 13 individual Holstein cards, 11 of Milking Shorthorns, 9 Jerseys, 9 Guernseys, 4 Aryshires, 3 Brown Swisses and 1 Red Poll, a total of 50. Considering the fact that the time was short and a large per cent of breeders were reached only by letter, and the further fact that there is so little surplus stock for sale, the showing is fine and we take this opportunity to thank breeders for their fine spirit of co-operation.

Dr. W. H. Mott reports the heaviest demand for catalogs for the **E. P. MILLER ESTATE SALE** in years. The entire offering went like hot cakes to buyers from the farms of Kansas. The top animal was purchased for \$230 by E. E. Strickler, of Colony. The mature females, including grades, averaged \$142.50. The bulls ready for service averaged \$185. The entire offering of about 100 head, including grades, baby bulls, and heifer calves, averaged about \$100 a head. The cattle were in fair condition, weather was good, and management first class. The sale indicated an increased demand, especially for Holstein cattle. New buyers from many parts of the state indicated the importance of reaching out for new buyers. E. P. Miller, founder of this great herd, did much for his locality in his persistent efforts to encourage the breeding of better-producing Holsteins. Boyd Newcom was the auctioneer, assisted by James T. McCulloch and Charley Cole.

CLINTON L. SCOTT DISPERSION SALE of Herefords at Eskridge on May 3 certainly removed any doubt that it was necessary to have buyers from out of the state to make a good Hereford sale. Forty-eight lots averaged \$161 and almost \$7,800 was collected for these well-bred Herefords in good breeding condition. The 36 females averaged \$168, and 12 bulls averaged \$139. Mulvane Estate, of Topeka, took the 3-year-old herd sire, Prince Domino 36th, at \$300, and G. L. Welch, of Abilene, purchased the good 3-year-old cow, Miss Advance 3rd, with calf at foot and rebred, paying the top price of the auction, that price being \$330. Many new buyers appeared from all over Kansas and every animal in the sale was purchased by a farmer or breeder within the state. The largest number purchased by any buyer was 15 head. This number was purchased by E. R. Duree, of Fall River, J. B. Allison, of McPherson, purchased 5 head, and several purchases of 2 and 3 head were made. Roy G. Johnston, of Belton, conducted the sale in a satisfactory manner, assisted by James Busenbark, of Eskridge, and newspaper representatives.

FIRST SALINE COUNTY ANNUAL SPRING HEREFORD SHOW was held in Kenwood Park, Salina, April 19. Forty-seven head of purebred Herefords were shown by 8 purebred breeders, according to E. A. Dawdy, county agent. J. J. Moxley, extension specialist in animal husbandry from Kansas State College, judged the classes and picked the 10 head for the show herd. The placings of the different classes are as follows: Aged bull, (1) E. B. Toll, Salina; and (2) year-old bull, (1) Thomas Madden, Salina; and (2) E. E. Sundgren and Sons, Falun; junior yearling bulls, (1) CK Ranch, Brookville; (2) E. E. Sundgren and Sons; (3) Amos Ryding, Falun; and (4) E. B. Toll, Salina; summer yearling bulls, (1) CK Ranch; (2) Elmer L. Johnson, Smolan; (3) Elmer L. Johnson; and (4) Herman P. Miller, Salina; senior bull calves, (1) CK Ranch, (2) Elmer L. Johnson, and (3) E. E. Sundgren and Sons; junior bull calves, (1) Elmer L. Johnson; aged cow, (1) Thomas Madden, (2) E. B. Toll, and (3) Herman Miller; 2-year-old cows, (1) E. E. Sundgren and Sons; (2) Elmer L. Johnson, and (3) Thomas Madden; senior yearling heifers, (1) CK Ranch, (2) E. E. Sundgren and Sons, (3) Thomas Madden, and (4) Amos Ryding; junior yearling heifers, (1) and (2) CK Ranch, (3) E. B. Toll, and (4) Elmer L. Johnson; summer yearling heifers, (1) Elmer L. Johnson, (2) CK Ranch, and (3) E. B. Toll; senior heifer calves, (1) CK Ranch, (2) and (3) Elmer L. Johnson, and (4) E. E. Sundgren and Sons; junior heifer calves, (1) Herman Miller, and (2) E. E. Sundgren and Sons.

This show was planned by the county Hereford association which has 12 members. Officers are E. B. Toll, Salina, president; Jasper Banker, Salina, vice-president; and E. A. Dawdy, Salina, secretary-treasurer.

Public Sales of Livestock

- Jersey Cattle**
June 1—Clifford Farmer, Willard, Mo.
June 12—Edwin M. Livingston, Junction City.
- Milking Shorthorns**
October 2—Lawrence Strickler Estate, Hutchinson.
- Aberdeen Angus Cattle**
June 3—James B. Hollinger, Chapman.
- Shorthorn Cattle**
October 18—Bellows Brothers, Maryville, Mo.
- Angus Cattle**
October 7—Nodaway County Angus Breeders Association, Maryville, Mo.
- Hereford Cattle**
June 24, 25, 26—Rothchild Farms, Norton.



TOPS of the SOUTHWEST

WHEATLAND Farms

Chapman, Kansas
ANGUS AUCTION

Monday, June 3

60 HEAD SELL

REVERERE OF WHEATLAND 17th
508305
Grand Champion at the Ogden and Deaver shows 1940 and Grand Champion wherever shown in 1939 except the International.

From our herd of over 400 Angus we have selected many of our best bulls and females to make this one of the most attractive offerings of the year. Many of the females are carrying the service of Reverere of Wheatland 17th. We are proud of their uniformity and their quality and we believe you will find in them the type you have been looking for. Our bulls, too, will invite your attention. They are the deep and thick with faultless backs and rear quarters, good fleshing qualities. Here you can find a real herd header or a show bull. 38 years of constructive breeding. For complete details regarding these bulls and heifers, send for the catalog.

WHEATLAND FARMS

JAMES HOLLINGER
Aucts.: Roy G. Johnston and J. T. McCulloch
CHAPMAN, KANSAS
Jesse R. Johnson, Kansas Farmer



LIVINGSTON'S REDUCTION JERSEY SALE

On Highway 77, Northwest Corner of JUNCTION CITY
35 Head (All But a Few Head Registered)

Wednesday, June 12

15 Cows and Heifers in milk or near freshening. 10 Heifers bred to freshen in fall. 10 Heifers, calves to yearlings. 1 Bull Calf and the Herd Bull (COUNTESS FINANCIAL KING), grandson of the noted Financial Countess Lad. Cows will be bred to the above bull and young calves sired by him. Bred Heifers mostly by VOLUNTEER'S RIGHT ROYAL (imp. in dam). Half of heifers will be bred to BRAMPTON OXFORD PIONEER, Jap. Oxford and Raleigh foundation cow herd. Herd on DHIA test. Certified by state for abortion and Tb. For catalog address

EDWIN M. LIVINGSTON, JUNCTION CITY, KAN.
Jas. T. McCulloch, Auctioneer
Jesse R. Johnson with Kansas Farmer

ABERDEEN ANGUS CATTLE



LAFLIN'S ANGUS CATTLE LEAD

40 Bulls, calves to 2-year-olds, 50 Cows, bred and open heifers and heifer calves. A large per cent by College Trainers Pride. L. E. Laflin, Crab Orchard, Nehr. (Just over the line in Nebraska)

YEARLING ANGUS BULLS

For sale: Several well grown, registered, good type, good disposition, serviceable age bulls. They are Tb. and Bang's tested and from the breed's leading families. Visit our herd and see them or write to Hal T. Hooker, Maryville (Nodaway Co.), Mo.

Angus Bulls, Serviceable Age

Now offering a number of good farmer and breeder bulls, that are 1 year old and older. Good individuals well bred and priced so you can own a good bull worth the money. (Farm on Hwy 71, 6 Mi. S. of Maryville, Mo.) R. M. Evans, Maryville (Nodaway Co.), Mo.

Oakleaf Aberdeen Angus Farm

Registered Aberdeen Angus Bulls of serviceable ages for sale. Best of bloodlines. **LATZKE STOCK FARM, Junction City, Kan.**

Dalebanks Aberdeen Angus Farm

Bulls and Heifers of choice breeding and type. From a herd whose bulls consistently top best markets.
E. L. BARRIER, EUREKA, KAN.

SHORTHORN CATTLE

REG. SHORTHORN BULLS

Reds and Roans, 10 to 14 months old. Sired by GOLD STAR (son of Gregg's Star). Bull's dam bred by Sni-A-Bar Farm, Augustas, Lavenders, Rosemarys, etc.
A. K. SNYDER, WINFIELD, KAN.

Shorthorn Bulls, Serviceable Age

For sale: 10 Bulls, mostly reds, age 12 to 18 mos. Well grown, good condition, registered and of choice bloodlines. These bulls will suit and they are priced from \$100 to \$200. Inquire of **BELLOWS BROS., MARYVILLE, MO.**

Yearling Shorthorn Bull

For sale: A choice individual, richly bred, color a dark roan. At 14 mos. of age weighed 1,050 lbs. and growing nicely. Best of Scotch breeding and a real herd sire prospect. For more information write Adam H. Andrew, R. 2, Box 4273, Girard, Kan.

Amcoats Offers Shorthorn Bulls

Several good ones now ready for service. Others younger. The thick, beefy kind. Best of Scotch breeding. Accredited for abortion and Tb. **S. B. AMCOATS, CLAY CENTER, KAN.**

DUROC JERSEY HOGS

DUROC BOARS—GILTS
20 choice Spring and Fall Boars, best breeding and quality. 10 fine Gilts bred to Red Ace for summer farrow. Herd immuned. Come, or write for description and prices. **G. M. Shepherd & Son, Lyons, Kan.**

275 DUROCS OF ROYAL BLOOD
50 years of shorter-legged breeding behind them. Boars, all sizes and ages. Bred Gilts. Reg., immuned. Shipped on approval. Catalog, Photos. Come or write me. **W. R. HUSTON, AMERICUS, KAN.**

GUERNSEY CATTLE

YOUNG GUERNSEY BULL

For Sale

Kirkclawn Rex, born August 13, 1939. Sired by Cooper's Rex, a son of Bourmadale Rex and Gayoso Actress, 713 lbs. B. F. His dam is Cooper's Arizona, a 444-lb. daughter of Cooper's King Artis herd sire at Manhattan State College, by Belinda's Violet, 601 lbs. B. F. An attractive price on this bull ready for service.

KIRKCLAWN DAIRY
Topeka Ave. at 37th St., Topeka, Kan.

GUERNSEY BULLS

Grandsons of Bournedale Rex 159247, out of cows with official records. Write for list. **SUN FARMS, PARSONS, KAN.**

Registered Guernsey Bull

Alderman's Duke of Jo-Mar, 3 1/2 years old. Grand sire Crusader, sire Alderman's Crusader. A real proven producer. **CLARENCE SKILLING, PENNACOS, KAN.**

GUERNSEY CALVES

Four choice unregistered month-old Guernsey Heifer Calves and purebred Bull Calf same age, not related. The 5, price \$115 delivered, C. O. D. **Lookout Farm, Lake Geneva, Wisconsin**

POLLED MILKING SHORTHORNS

Polled Milking Bred Shorthorns

Bulls—calves to serviceable ages. Good quality and best of breeding. Also can spare a few females. Reasonable prices. Visit **Dwight Alexander, Retnub Farms, Geneseo, Kan.**

POLLED SHORTHORN CATTLE

Rosenberger's Polled Shorthorns

Bulls, calves to serviceable ages, sired by a bull formerly heading the Albert Hultine herd. Also choice females. **W. A. Rosenberger, Greensburg, Kan.**

Banburys (Hornless) Shorthorns

20 Bulls, 6 to 15 months old. \$75 to \$150. Recorded. Females not related. 23 west and 6 south of Hutchinson, Kansas. **Banbury & Sons, Plevna, Kan.**

POLAND CHINA HOGS

Rowes' Correct Type Polands

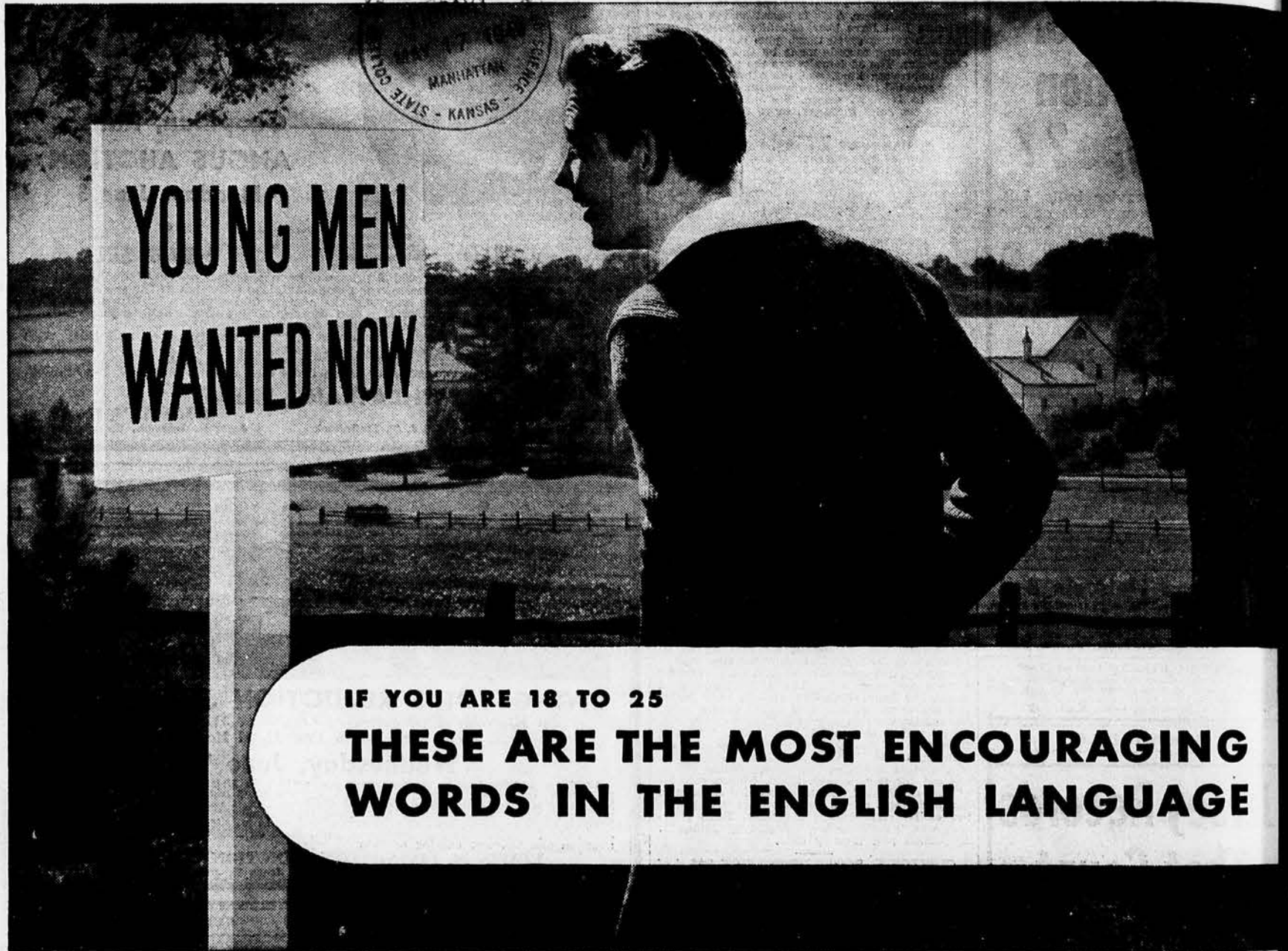
Few fall Boars. Bred and open Gilts. 70 spring Pigs sired by a son of GOLDEN ROD. **C. R. ROWE & SON, SCRANTON, KAN.**

AUCTIONEERS AND SALES MANAGERS

BERT POWELL

AUCTIONEER
LIVESTOCK AND REAL ESTATE
715 Lincoln St. Topeka, Kan.

Jas. T. McCulloch, Auctioneer
Ability and experience count when buyers have the right to make their own prices.
CLAY CENTER, KAN.



IF YOU ARE 18 TO 25

THESE ARE THE MOST ENCOURAGING WORDS IN THE ENGLISH LANGUAGE

WE IN DEARBORN again want to demonstrate our belief in the land. The future of America depends upon its well-being.

But *men* make the land. And it may as well be said, bluntly, that the *young men* of today have come to doubt their opportunity.

It is hard to believe in opportunity that hasn't come your way. Thousands of young men who read this message know exactly how that feels.

They are healthy, able, ambitious. But they cannot get started. They are asked for experience, but they are unable to obtain it. Yet they know that somehow, some way, they *could* become useful members of the community, given the chance to show their worth.

The opportunities in our America *are* greater than ever. Youth *has* the talent. And we who are responsible for the Ford tractor with Ferguson system believe that youth and opportunity *can* be brought together.

To this end, and in company with our distributors and dealers, we are establishing the NATIONAL FARM YOUTH FOUNDATION, which will make genuine opportunity available immediately to thousands of young men in the rural communities of America.

Details of the Foundation are given elsewhere on this page, and a fuller explanation of its purpose and plan is contained in our book "A New Career for the Young Men of America."

In brief, the NATIONAL FARM YOUTH FOUNDATION is organized to give thousands of young men the *three fundamentals* needed for a real start in life: A specialized education, a personal training, and practical experience.

The *thoroughness* with which these fundamentals will be acquired, and the very *means* by which they will be acquired, are in themselves an unusual assurance that members may more easily achieve their ambitions in farming or other permanent employment.

But in addition, the NATIONAL FARM YOUTH FOUNDATION will reward a large number of its most diligent members with salaried jobs, or with tractors for their farms, depending on the particular talents they display.

Thus, starting right now, and during the coming months, thousands of young men will be realizing for the first time that opportunity can be real, and personal.

We look beyond these thousands of Foundation members, and see a new thing happening to the rural communities of America. We see ambitions gratified, needs filled, leadership in the making. We see young men with heads up, families with new hopes, local businesses with new inspiration. We see the land improved by better men. And all that means a better America.

The NATIONAL FARM YOUTH FOUNDATION has been instituted with this vision before us. It gives meaning to the words: Young Men Wanted Now.

The NATIONAL FARM YOUTH FOUNDATION is sponsored by Ferguson-Sherman Mfg. Corp., with the co-operation of Henry Ford, Founder, and Edsel Ford, President, of the Ford Motor Company.



© Ford Motor Company

NATIONAL FARM YOUTH FOUNDATION

Established to bring opportunity to the young men on the farms of America, and to aid them in obtaining permanent employment.

Who are eligible: Young Men 18 to 25 living or working on farms. Details in book "A New Career", obtainable from dealers who sell the Ford tractor with Ferguson system.

Education: Every member receives without any obligation whatever a course in FARM ENGINEERING AND MANAGEMENT specially prepared by La Salle Extension University. The price, if regularly offered, would be \$136.

Training: Every member will receive local class and individual training in tractor operation and management, and in the use of implements.

Experience: Every member will be afforded opportunity to gain practical experience in demonstration and sales work.

Special awards: Every member *may* also compete for these awards:

1. 29 salaried jobs, with one-year contract at \$150.00 per month with Ferguson-Sherman Mfg. Corp. Further training suited to each man's talents will be given during this employment.
2. 29 salaried jobs, with one-year contract at \$125.00 per month, with Ferguson-Sherman distributors.
3. 725 men will be placed upon an Honor Roll for additional jobs as they develop.
4. Still another 29 members will receive a Ford tractor with 2-bottom 14" plow, as winners of a tractor operation competition to be held in each distributor's territory.

(In case of ties, duplicate awards will be made.)

How to enroll: See the local dealer who sells Ford tractors with Ferguson system at once. If you do not know who he is, write NATIONAL FARM YOUTH FOUNDATION, Box 329, Dearborn, Mich. Do not delay. Nothing has to be paid, or bought, or sold.



Copyright 1940, Ferguson-Sherman Mfg.