

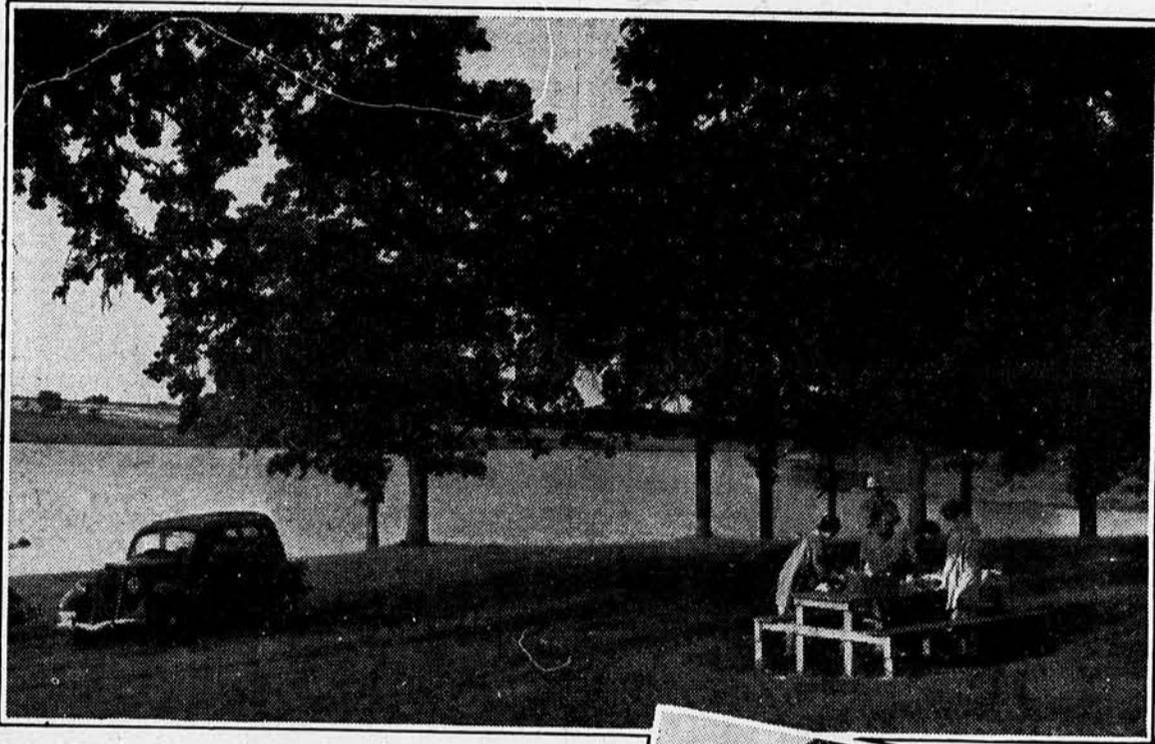
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# KANSAS FARMER

Volume 76, Number 17

MAIL & BREEZE

August 26, 1939



Kansas is full of beauty spots and all facilities for taking your vacation right at home. Why not enjoy a picnic in one of the 23 state parks? If you like to fish, you may wield your rod in all but 2 of these parks.



## If You VACATION AT HOME



**I**F YOU'RE searching for a scenic, restful vacation, that is not expensive, we suggest some of the beauty spots right here within the 4 borders of our own state. Kansas has just about everything you could ask for, be you fisherman, swimmer, scenery seeker or a visitor of historic points of interest. You have your choice.

Our state boasts 23 state parks covering more than 12,300 acres. Twenty-one of these are equipped with state lakes, all but 2 of which offer opportunity for the fisherman to wield his rod. A large percentage of these lakes have beaches, boating facilities, picnic grounds, cabins and other necessities for an enjoyable outing. These lakes cover considerably more than 4,000 acres.

In addition to the 21 state lakes there are 22 county lakes and 56 city lakes in Kansas. Most of these offer facilities for recreation of various kinds.

As for scenery, there are places in Kansas that poets can't even begin to describe. For instance, the natural unassuming beauty of our Flint Hills area. Each prairie covered peak seems to beckon that you climb to the top and feast your eyes on sloping hillsides covered with sleek, fat cattle, knee-deep in Bluestem grass.



You might thrill to sights of the swirling, muddy Missouri river as it defiantly wends its way past high, wooded bluffs in Northeast Kansas. If level land is more to your liking, you would appreciate the privilege of gazing for miles into the blue horizons of Central and Western Kansas.

There are many points of interest to be visited. The Fort Riley Military Reservation, the State Capitol at Topeka, the University at Lawrence, or the State College at Manhattan. On Highway 40, west of Manhattan, you'll pass the first capitol of Kansas. Proceed south and west and you'll cross the old cattle trails and see the historic old cattle town, Dodge City.

There are 21 state lakes, 22 county lakes and 56 city lakes in Kansas, which will provide enjoyable outings.

# YOU RIDE

# LEVEL

## IN A FORD V-8



Ford owners get no "squatting" at the rear end when they start



and no "bobbing" of the front end when they stop.



Ford owners ride on an "even keel" in rounding turns...



and they enjoy the best roadability over rough roads...

because only the Ford at its price is engineered with Torque-tube Drive, 4 radius rods, and transverse springs, to give you a stabilized ride!

In everything that counts, Ford owners get the best of it this year! . . .

**BIGGEST HYDRAULIC BRAKES** ever used on a low-priced car.

**ONLY V-8 ENGINE** in any low-priced car. Fastest, most powerful, best all-around performer.

**LONGEST PASSENGER RIDEBASE** in any low-priced car.

**BEST GAS MILEAGE** among all leading low-priced cars in this year's Gilmore-Yosemite economy run was given by 85 h.p. Ford V-8.

**MOST ADVANCED STYLING** in 1939 low-priced field. Recognized style leaders at the price.

### LOW-COST TRANSPORTATION AT ITS BEST---NOW AS ALWAYS!

## Posting Profits Neighbor

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

IT'S happened before but 2 farmers near Eskridge, Carl Bowers and Ottie Shaw, now can testify that Kansas Farmer Service Members are not the only ones who are benefited by the posting of farms. A buzz-saw, owned by Shaw, happened to be on the Bowers farm when it was stolen. Bowers saw a suspicious car in the vicinity and had the presence of mind to take the number of the license tag. Then he went to a patch of woods where the saw had been used last. It was not there. He reported to Deputy Sheriff Jim Henderson, who found the missing property in the possession of Art Duffer. Duffer was convicted and given a 60-day jail sentence. A \$25 reward, paid by Kansas Farmer, was sent to Service Member Bowers, but he expressed his intention of passing part of it on to Shaw and Henderson.

### "Thief Catcher" Goes Far

Farmers in Kansas were the first to begin using the Bloodhound Thief Catcher, stamping and branding device provided by the Protective Service. Now the device is being used in states as far west as Idaho, as shown by this affidavit received by Capper's National Protective Service:

"To Whom It May Concern: When I discovered a tire had been stolen from my posted premises on April 11, I reported to the sheriff and found the tire in the possession of Mureno Shoreman. I proved ownership by pointing out my Bloodhound Thief Catcher mark, No. 25 CP on the tire. Shoreman plead guilty and was given a 6-month jail sentence."—Hueston Duff, Route 1, Paul, Idaho; E. C. Craig, arresting officer.

It is interesting to note that in most of the cases where this branding tool has helped in the conviction of thieves, the guilty person has owned up to the crime without standing trial. In fact, that is about the only thing the thief can do when he learns he has made the mistake of stealing marked property. The Protective Service has a standing offer to pay an extra reward of \$25 in all instances where this marker plays an important part in the conviction of thieves who are required to serve as much as 60 days in prison. Write for information about this marker.

To date, Kansas Farmer has paid total of \$29,212.50 in cash reward for the capture and conviction of 1,215 criminals who have stolen from posted premises of members.

## Cultivation Kills Bindweed

THRUOUT Dickinson county a large number of farmers are eradicating bindweed by cultivation. One outstanding plot is on the farm owned by Mrs. Simon Shockey and farmed by Romberger Brothers.

This farm was badly infested, and in the fall of 1937 it was decided to leave about 40 acres for cultivation in 1938. This plot was listed in the fall and worked down in the spring. While it was not all in bindweed the plots were so close together that the only practical method was to cultivate it all. Beginning with a duckfoot cultivator in early May, the Rombergers tried to cultivate about every 2 weeks and had cultivated 11 times up to October 21. At that time they estimated that 10 per cent of the bindweed was still alive. During the present summer of 1939 this plot has been all cultivated 3 times and the small plots where the bindweed is still alive have been cultivated 4 more times or a total of 7 times up to July 24.

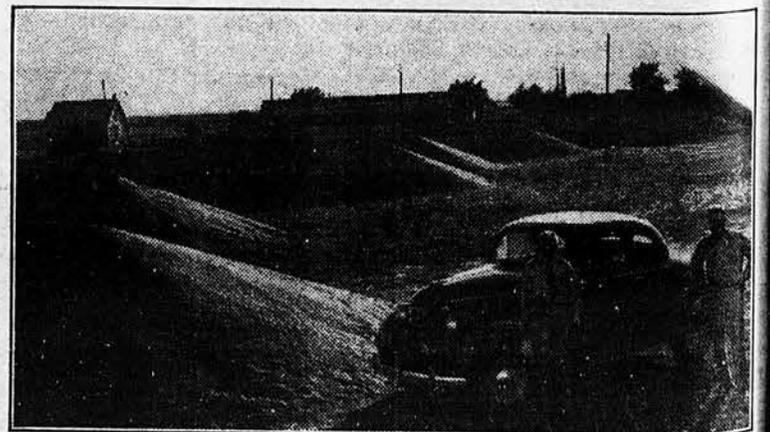
At present only a few scattered plants can be found in the group where apparently the center of the old patches were. These plants could easily be counted on the 40 acres. By fall and wheat planting time they should be gone. The bindweed supervisor has recommended that this land

be planted to wheat sometime this fall. Romberger Brothers and Mr. Shockey have liked the cultivation well enough to set aside another 20 acres in 1938 for cultivation in 1939. So far it has been duckfooted 7 times. W. A. Flynn, county weed supervisor of Dickinson county, states in his July monthly report to T. F. Yost, state weed supervisor, that cultivation work started by farmers all over the county where good work was done in the spring of 1938 is about cleaned from bindweed.

Mr. Flynn reports that from 300 to 350 farmers in Dickinson county are co-operating with their county commissioners in the bindweed program. More than 2,000 acres are being treated by the intensive cultivation method, which is often mentioned in the Kansas Standard Plan. In 1938 Dickinson county used 75,000 pounds of sodium chlorate to treat patches too small to cultivate. The county plans to use as much in 1939.

Complete and detailed information on killing bindweed, covering all recommended methods, may be obtained in Kansas Farmer's bindweed control leaflet. Send a 3-cent stamp for mailing to Farm Service Editor, Kansas Farmer, Topeka.

## Wheat by the Piles



Albert Weaver and son, Gordon, of Bird City, stand before about 50,000 bushels of wheat piled on their ranch. Altogether they harvested 98,282 bushels of wheat from 5,710 acres this year, an average yield of 17.2 bushels an acre. The Weavers are great believers in summer fallowing. They are the developers of Cheyenne Sweet Stalk kafir.

# RETURN OF THE OPEN PRAIRIE

**Kansas Cattlemen Push Thriving Industry As Grass Stages Speedy Comeback in the Bluestem Region**

By ROY FREELAND



Part of thousands of cattle fattening on Bluestem grass at the Ferguson ranch in Cowley county.



J. J. Moxley, beef specialist, talks into the "mike" to an audience of more than 600 persons at the Chautauqua county beef tour. Cal Floyd, cattleman (center), and Rolla Holland, county agent (right), were active in organizing the tour.

CROWDED with men, many of them wearing cowboy boots and broad-brimmed hats, was the normally quiet hotel lobby. They gathered about in clusters, exchanging stories and reliving past events of an important cattle country. From the drone of their voices came fragments concerning old-time cattle kings, famous herds, ranches, horses—and the foundation for all these—our native prairie.

Little wonder this air of cattle lore and ranch life was so much in evidence, because the men present were genuine 1939 Kansas cattlemen in a genuine cattle country—the bluestem region of Kansas. Object of their meeting was the Chautauqua county beef tour, one of the first of a series held thruout the state this month.

Even with so many interesting topics at hand, the conversation repeatedly drifted back to grass, now a popular subject with all cattlemen. This topic claimed attention from the veteran cattleman, Cal Floyd, seated a short distance to one side of a large group. "Along about 1935 and 1936 I thought I'd never live to see the time when this Bluestem would again be of much value to us," he related.

Mr. Floyd leaned forward in his chair as he spoke. His voice and his manner expressed the tragedy of dry years which had robbed the range of its luxuriant, nutritious grass covering. To those of the cattle country the grass is woven in as a part of their very existence. It is that way with Mr. Floyd.

He got his start as a cattleman in the Bluestem region 46 years ago. While still a young man, practically penniless, he was offered a commission for finding cattle to be custom grazed. He bought a horse by the installment plan and scouted the outlying countryside. His first season's work netted him enough to buy yearlings for a beginning in the cattle business. Year after year his operations were increased until now Mr. Floyd and his son, Dean, control about 64,000 acres, carrying 8,000 to

10,000 head of cattle each year. To men like him the Bluestem is more than just grass—it's a home, a living—and just about everything else.

While these things had been racing thru my mind, Mr. Floyd leaned back in his chair, and continued the conversation in a brighter mood. "In 1937 the grass showed some improvement. Last year it made a remarkable comeback, and this year it is doing still better. In fact, at the present rate of improvement, our range grass will soon be back to normal.

"It's still weedy but my grass is now carrying cattle at the rate of about 6 acres to the head and that's nearly as good as it did in the

'good old days.' Three or 4 years ago we couldn't even use some of the pastures while others could be grazed only at the rate of 10 to 12 acres for each animal."

Return of this grass opens the door to a trend back toward a normal situation in cattle production, the second largest agricultural industry in Kansas. Breeding herds are increasing and cattlemen are taking new interest in their business. In addition to increased home production, movement of cattle into the Bluestem area for grazing this spring was 60 per cent larger than a year ago and well above average for the last 10 years. Unusually large numbers came from Texas and numerous shipments came from New Mexico.

This gift of new grass will be put to good use because Kansas cattlemen are progressive. Mr. Floyd expressed a rather general viewpoint when he declared, "Cattle methods of the early days were all right in their time, but they are out-of-date now."

In the bygone days steers were sold as 3½- to 4-year-olds, averaging around 1,100 pounds. Now the same weights are recorded on steers sold at half that age. The improvement is attributed to better type, better care and better feeding.

As explained by Mr. Floyd, these changes came as a necessity because of increased competition and higher land values. Mr. Floyd is on the alert for additional improved practices and for that reason is a strong booster for the beef tours held thruout the state each year.

J. J. Moxley, extension beef cattle specialist, works in co-operation with county agents and local cattlemen in managing these tours which started off this month with attendance figures averaging well over the 500 mark. With one day allotted to viewing cattle in each county, the procession moved over the Flint Hills of Elk, Chautauqua, Cowley, Butler and Greenwood counties the first week. Then, farther north in the same range of Hills, to observe production practices in Lyon, Chase, Morris, Geary and Riley counties. Farther west, the next activities centered in the mingled Bluestem and shortgrass-area on a schedule including Meade, Clark, Kiowa, Barber, Comanche, Ellsworth, Ellis, Russell and Lincoln counties.

In summarizing the best cattle raising methods as he went, Mr. Moxley emphasized the importance of following a system that gives the most opportunity to utilize grass and other rough feeds. He pointed out that the best method of doing this is to have your own breeding herd and to produce your own calves.

"Having a herd of cows to care for requires more work than the system of buying feeder calves, but hundreds of cattlemen are finding it's those chores that [Continued on Page 12]

"Real men" and "real horses" are found in the cattle country. John McClure, foreman, Homer Hill and Eugene McNeely are headed back to the house after rounding up part of 3,600 cattle on the Ferguson ranch for inspection during the Cowley county beef tour.



# Passing COMMENT

**K**ANSAS ranks 12th among the states in production of furs, which amounts to some 65 million dollars a year for the nation, including Alaska. Every state in the Union has fur-bearing animals, with the common skunk, muskrat and opossum leading the list. The muskrat, of course, is by far the most prolific source of income for the trappers, with the opossum lagging somewhat behind.

A total of 313,500 animals of 13 species were taken by Kansas trappers last year. This state leads them all in number of coyotes taken, 10,900 of these elusive chicken thieves falling prey to traps, guns and dogs.

The common skunk is an important fur-producing animal in all states, except those of the deep South and far Northwest. A total of 110,000 of these pretty little "wood kitties" were caught in Kansas last year, mainly by boys who make spending money by running trap lines in spare time. Many a country school teacher has to send her enterprising trapper-boys home after an early morning tour of the lines, and an unfortunate encounter with a striped kitten.

The muskrat odor scarcely resembles the geranium, but alongside the skunk it is sweet perfume. Most of the other furs which milady prizes for adornment have no unpleasant odors. Altho trappers are not required to report the number of rabbits taken, it is well known that the bunny's pelt is an important factor in the fur trade. Many a fine lady wears the hair of a Kansas cottontail, firmly believing she has seal skin, marten or fox fur.

## Will There Be a Turn?

**I**T WOULD be an optimistic man who would make the claim that Kansas can be called a great corn state, notwithstanding that nearly all the tall corn stories around the country under the guise of humor originated in Kansas.

Kansas really started out to be a rival of Iowa in corn growing. For the first 12 years of her existence as a state the average yield fell below 40 bushels to the acre once. Its highest average yield was a shade under 49 bushels. During the last 10 years the highest average yield was only 19 bushels an acre, and during 5 of these years there was virtually a total failure. During 2 of those years the Department of Agriculture reported the average yield a trifle more than 2 bushels an acre. That this report cannot be relied

## Our Bird Guests

By ED BLAIR  
Spring Hill, Kansas

Sometimes the song birds will not leave  
But stay too long up here,  
Where they have found a friend like you  
And, near you, have no fear.  
So when grim winter with its snow  
And sleet comes back again,  
They'll need a bit of help at times  
For food is scarcer then;  
And they'll need water too where ice  
Forms where they have to drink.  
And don't forget old Pussy Cat  
Sometimes will try to slink,  
And with a rush may carry off  
A song bird trusting you.  
So do not have a hiding place  
Where she can keep from view.  
'Twill not be long ere we shall hear  
The first bird's thrilling song,  
Its song of praise and welcome cheer  
That leads that happy throng  
That loves to build, where they can live  
On pests of plants and trees,  
And know their little ones are safe.  
How we shall welcome these!

## By T. A. McNeal

upon as accurate is self-evident. No Kansas farmer would take the time or trouble to travel over a field of shriveled corn which will not yield more than 2 bushels an acre. He would just report it a total loss and let it go at that.

Some weeks ago Kansas had as good a prospect for a corn crop as in any year in history. But later, with the temperature running over 100 in the shade, it became evident we would have another short crop. Are we nearing the end of the hot and dry cycle, or must we turn to some other better drouth and heat resisting feed crop? I am waiting to see the results of the experiments with the new hybrid corn before venturing an answer. Just now it looks as if this new variety may solve the problem. It can safely be planted at least a month earlier than the other varieties and should be out of danger before the extremely hot and dry weather hits Kansas. But will there be a turn for the better? Of course, I do not know, but I cherish something of the faith shown by a Medicine Lodge resident, John W. Upperman, who had a consuming ambition to be elected county clerk. Time after time he came before the convention as a candidate for the nomination but never quite made it. When this had happened perhaps a dozen times, Upperman became somewhat discouraged, but not entirely hopeless. Meeting a commiserating friend he said, "Well, they beat me again, but I'll be a candidate next convention. It's a damn long crook that hasn't any turn."

## Corn Off the Cob

**A**MONG several other things that make us glad we're an American living in the United States is corn on the cob.

A Frenchman may be a fine judge of red wine and baked snails, but he gets no corn on the cob. A Britisher may carve himself a fine joint of beef, but he gets no corn on the cob. A German may delight in a cutlet and red cabbage, but he gets no corn on the cob.

Think of all those Russians, Rumanians, Turks, Laplanders and Patagonians doing without corn on the cob—and at this season of the year, too! It's enough to break your heart.

And none of your silly silver cob-stickers to eat it with, either. We'll take ours right in the fingers as nature obviously intended, and gnaw it off the cob just like a busy squirrel. Please pass the butter!

## For Use of Money

**I**N A RECENT issue of *Kansas Farmer*, C. A. Davidson had a clear and concise statement on non-interest bearing money. In your comment you seem to favor interest bearing money. If the Roosevelt crowd has spent 25 billion dollars trying to keep the interest on money I would like to know how an interest bearing medium of exchange can be maintained when it has ceased to keep the wheels turning? Salina, Kan., floated internal improvement bonds at a premium bearing 1½ per cent. Every financial institution is loaded with idle money. There are two methods of living off the sweat of another man's brow. One is by intimidation and the other by interest bearing money.—L. S. Bartholomew, Olathe, Colo.

I do not know exactly what you mean by interest bearing money. Money does not bear interest. The interest is paid for the use of the money. Money is merely a medium of exchange, a convenience for the purpose of exchanging different kinds of tangible or intangible property. Money is not supposed to be just given to anybody by the government. But where a citizen has legitimately accumulated a certain amount of

money, that represents his labor or the fruits of his business enterprise.

Some other individual may wish to go into business while the owner of this money wishes to retire from business. I cannot see why he should not say to the man who desires to start in business but who has no money:

"I have some money, I will supply you with some and in consideration of this you are to pay me a certain amount for the use of this money." We call this interest. It is just as legitimate as it would be to suppose that neither of the men had any money but one of them would like to go into the farming business and the other happens to have on hand considerable farm machinery. The man who wishes to go into farming says: "If you will let me have your equipment I will pay you for the use of it."

I cannot see the difference and yet every Socialist I have ever known has no objection to allowing the man who has this machinery a reasonable compensation for the use of it. And if the man who has the money which represents the sale value of this equipment should let the other man have the money with which to buy his equipment, I cannot see why he should not be compensated for the use of that money.

## Mother Gets Half

**M**R. J. M. R. several years ago gave his father and mother a note payable to both of them jointly. The father is now dead. Mr. J. M. R. wants to know if he should now pay the whole note to his mother. Kansas has abolished joint tenancy and the law now is that in the case of the death of one of the joint tenants or joint owners the whole property does not descend to the survivor, but is to be treated as if each owned an undivided half interest. If the deceased father made no will, one half of this note would go to the mother and the other, or deceased father's, half would be divided between the surviving wife and the children of the deceased father, if any.

Mr. J. R. asks the meaning of the words "petition for letters of administration."

They mean just what they say. Where one dies without will, any one of his heirs may ask the probate court to appoint an administrator to take charge of his estate, pay the debts of the deceased and necessary expenses of sickness and funeral, if the same can be done out of the proceeds of the personal property. He has nothing to do with the disposal of the real estate, with this exception: If the proceeds of the sale of the personal property are not sufficient to pay the debts of the deceased, not including debts secured by mortgage, the administrator may file a petition with the probate judge asking to be permitted to sell enough of the real estate to pay such debts and expenses.

## THE KANSAS FARMER

Continuing Mail & Breeze

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# FARM MATTERS

*As I See Them*

THINK all of us should be highly pleased with the most recent exhibition of nation-wide interest in agriculture. I should say world-wide interest. Of course, I refer to the World's Poultry Congress at Cleveland, which, in only 11 days, packed in 850,000 persons to see what one single farm department has accomplished.

Out on our Kansas farms in years past, poultry in many cases was considered nothing more than a sideline. It was a job for the women folks to handle; the men were too busy with crops and livestock. And the women folks did handle it. They did so well that the egg and chicken income many times beat the income from crops or livestock. Plenty of times poultry money has paid the taxes and sent the children to school. Many a man has admitted that Mother knew what she was talking about when she insisted that poultry could turn in a satisfactory part of the farm income, and then proceeded to make it do so.

The tremendous success of the Poultry Congress, its huge attendance, United States and foreign participation, poultry exhibits, displays of equipment, all should make a lasting impression on the entire nation. Folks who, in the past, have considered an egg a pretty small thing must now realize it represents a billion dollar industry.

This recent Poultry Congress told the story of farm flock improvement in the most effective way it ever has been presented; and it explained, with countless exhibits, that dozens of other industries depend upon the farm flock for their existence.

Apparently the Poultry Congress not only paid all expenses but ended with a substantial profit. This fact and the success of the exposition inspired representatives of the entire poultry industry, meeting in Cleveland as the Poultry Congress closed, to set up a committee to prepare further plans for promoting the consumption of eggs and poultry.

One other feature of this Poultry Congress was an result in tremendous good. In all, 54 foreign countries were represented in some way, either by delegates or exhibits or both, at this great show. Here we had "official delegates from most of the world" pooling their experience and research for the good of the poultry industry and the millions of farm folks who operate it. Yes, even Germany, Italy and Japan joined in this peaceful pageant of poultry progress, with the dove substituting as the Dove of Peace.

If nations can meet amicably in the interests of poultry improvement, I say there is hope that men of all countries will some day heed the teachings of the Prince of Peace, pooling their experience and research, as well as their common sense, in the interest of humanity.

## Let's Talk Things Over

I DON'T need to tell you that I am happy to be home again. Your letters of encouragement and wise counsel during this recent session of Congress were sincerely appreciated. They helped me keep my vision clear regarding the best interests of my state, and regarding the best interests of agriculture. Now that I am home I wish to visit with as many of you folks as I can, both in my office at Topeka, and in your home counties. I want you to tell me frankly how you feel about conditions and what steps we should take to improve them.

I can see first hand that some improvement has come about in Kansas. Some gains have been made in livestock. The number of cattle on feed is 15 per cent ahead of a year ago. Our spring pig crop is larger this year than last, and the fall crop is slated to show an increase over last fall. Feed is plentiful, pastures have greatly improved, we are growing more flax, which by the way, is a non-surplus crop. I am confident the production end of farming will be well handled, so far as the weather permits.

But the price situation, the farm income total, and the farm mortgage foreclosure threat; these are the things that are far from solved. And so long as they go on clamping down on the best interests of farm folks, just so long will other business feel the cramps and ailments of defeated ambitions.

I am frank to say I voted for the farm appropriations because I knew the farmers of this section were greatly in need of help, and I will

continue to do everything in my power to help improve the rural standard of living and keep farms in the hands of real farmers. But I am just as frank to say I don't believe the answer to the farm problem will be found in larger and continued drafts on the Federal treasury. Farm income this year quite likely will be above the income for last year, but I am afraid this will be true mainly because of the largest bounty payments from the Federal treasury in all history. More than a billion dollars will be paid to farmers to supplement farm income this fiscal year. The big thing needed is to adjust farm prices upward in some substantial way so they will be in line with prices of things farmers buy. Then, agriculture again will stand on its own bottom and other business will go ahead.

The farm mortgage situation is greatly aggravated now because the mortgages were made when farm values and farm prices were high. Fixed debts like this are taking farms away from people who should stay on the land, not only for the best interests of themselves, but for the good of the entire country. Kansas farmers are experts when it comes to producing crops under all kinds of conditions. But they shouldn't be expected to do the impossible—pay off high-priced mortgages with the income from low-priced farm products.

I believe the thing to do is to push for enactment, next session of Congress, my own farm bill which reduces interest rates and sets up a moratorium for farmers unable to meet their mortgage payments, or the so-called Wheeler-LaFollette bill. It would allow the Secretary of Agriculture to use up to 600 million dollars in refinancing farm mortgages on the same basis that a limited number of tenants now are enabled to buy farms under the Jones-Bankhead Act. Under this plan the farm would be reappraised, the new value would be based on its income earning power, the new mortgage would run 40 years at 3 per cent. Payments would be small in bad years, larger in good years. I say some such action must be taken.

But now that I am home again I want to talk over these and other pressing farm problems with my many friends. I think good times can be brought about if we all pull together.

*Arthur Capper*

## From a MARKETING Viewpoint

By George Montgomery, Grain; Franklin Parsons, Dairy and Poultry; C. J. Eggert, Livestock.

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

I have silage, prairie hay, some grain, and hope to have wheat pasture. I will have grass next summer. What kind of cattle should I handle and when should I buy?—C. D. R., Chautauqua Co.

The deferred feeding of light-weight, choice-quality steer or heifer calves should make a satisfactory program for you during the coming year. Although the cost of stockers is unusually high, this program, as developed by the Department of Animal Husbandry, has the advantage of flexibility, a low initial investment, obtaining cheap, efficient gains, and of buying stockers when they are seasonally lowest in price and selling good-quality fat calves when they are highest. Briefly, it consists of buying choice-quality, light-weight calves, wintering them

well, using some grain, pasturing them for 3 months during the summer, and full-feeding them about 100 days if steers and 60 days if heifers. Immediate purchase of these stockers will be to your advantage since prices for this class of cattle are expected to remain relatively steady during the next 3 months.

I am wondering about buying good, young, Western ewes for \$5 a head at present and breeding for early lambs.—G. H., Meadville, Mo.

From the profit standpoint, this should be one of the most favorable projects you could select. While it is doubtful if early spring lamb prices will be as high next year as they were during the current year, prices are expected to be relatively high. If you can get good, solid-mouth ewes for \$5 a head, breed them to a good buck and have the lambs on the market before June 1 next year, returns for your investment, feed, and labor should be excellent. Wool prices also have advanced and are expected to continue

strong, giving you a good side-line income from the ewes.

I have a dual purpose herd of cattle. With present low prices of butterfat, should I leave the calves with the cows this winter?—R. P., Shawnee Co.

It is true that, with the exception of the worst of the depression years, butterfat prices are the lowest in 30 years. However, feed prices also are extremely low. In fact, the butterfat relation is about as favorable as the average for the post-war period and much more so than in recent drought years. Butterfat prices probably will rise seasonally from now until late November.

What is the future forecast for wheat?—R. M., Smith Co.

A moderate recovery in wheat prices can be expected during the fall and winter months. Carryover of wheat on July 1 was sharply above last year's levels, but production estimates indi-

cate a sizable reduction in the 1939 production, which is not expected to exceed greatly normal home consumption. The recent announcement that the export subsidy program would be carried on again and the fact that a large proportion of the wheat is going under seal are price-strengthening factors. It is doubtful, however, if wheat prices will recover to loan levels.

### Trend of the Markets

Prices listed are Kansas City tops for best quality offered:

	Week Ago	Month Ago	Year Ago
Steers, Fed	\$10.00	\$10.00	\$11.50
Hogs	6.00	6.65	8.70
Lambs	8.90	9.25	8.75
Hens, 4 to 5 lbs.	.10	.11½	.13
Eggs, Firsts	.15	.15½	.20½
Butterfat, No. 1	.19	.19	.21
Wheat, No. 2, Hard	.66½	.70	.68
Corn, No. 2, Yellow	.47½	.45	.51½
Oats, No. 2, White	.30½	.27	.24
Barley, No. 2	.43	.40	.39
Alfalfa, No. 1	14.00	13.50	13.00
Prairie, No. 1	7.50	7.50	8.50

# Health Is Safe at the New York World's Fair

By CHARLES H. LERRIGO, M. D.

MANY wonders there be but naught more wondrous than man," is the Sophoclean sentiment above a doorway of the Medicine and Public Health Building, a striking feature of the New York World's Fair. It is safe to say the promoters of the big fair have given full consideration to this sentiment in carrying out their plans. Never was a great exposition developed with such ample accommodations for the welfare of visitors. Comfort stations are numerous. They are everywhere announced by the sign-posts. They are clean, and a great improvement over a World's Fair held in America in recent years, they are free!

Much has been said and written about foot health for World's Fair visitors. Truly this is important at any time but my personal observation during 3 days showed no large number of limping sightseers. Most of the women visitors and all of the men wore stout shoes, sensible from toe to heel. Certainly every one who plans attendance should make special provisions for comfortable footwear and light clothing. But have no fear that opportunities to rest and "refresh your understanding" are in any way limited at the New York Fair.

Scattered thru its buildings are 18 free moving picture theaters, all with comfortable seats and most of them air-conditioned. These may be worked into your plans so as to unite rest, entertainment and instruction. Park benches are numerous thruout the grounds. One can always get a seat



Dr. Lerrigo

and generally under the shade of trees.

Inside most of the buildings seating arrangements give much better seats than the park benches, however. No one tells you to "move on." You stay as long as you please. Having an appointment to meet my daughter in "The Frozen Forests," a spacious air-conditioned room that is part of the Chrysler exhibit, I stretched myself luxuriously on a comfortable divan and knew nothing more until awakened by my daughter's reminder that there were good beds at home.

Health inspection is carried on vigorously and persistently. The food served at restaurants, of high and low degree, is guaranteed to be safe in quality. Prices are not high. At many of the restaurants a satisfactory lunch can be bought for 50 cents. There are street booths everywhere that sell a glass of milk for 5 cents, frozen custard or large ice-cream cones for 10 cents, sandwiches for 10 cents, and all served with reference to health. At the booths paper containers are used to avoid any possibility of infected glasses. Sanitary fountains are freely scattered thruout grounds and buildings, distributing water to the thirsty thousands. One can get other drinks, if pocketbook and preference are so inclined, but I restrict my recommen-

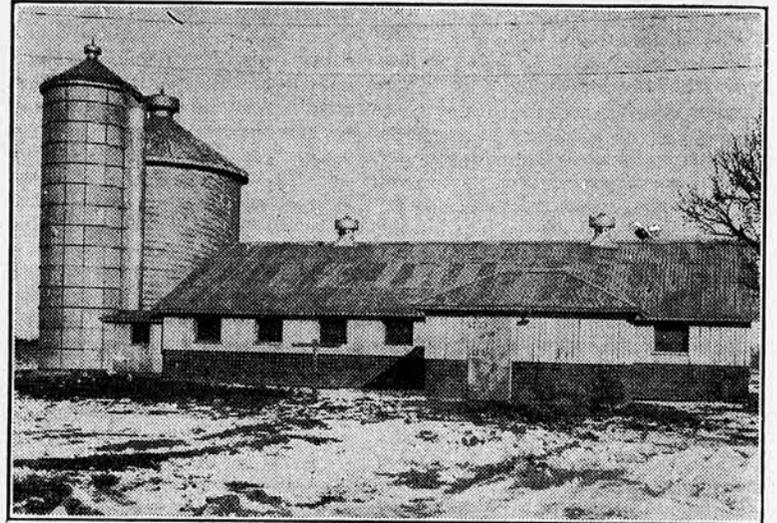
dations to the justly celebrated supply of New York's aqua pura, guaranteed to produce no disturbance.

All of this means that a person in good health may safely visit the World's Fair. I can make no such prescription for the aged, the sick, and the very young. The Fair is as safe as such a place can be, yet it is no place for those who cannot bear excitement, noise and crowds. It is no place for babies altho you can "park" your baby safely. There is a great sanitary force constantly on the job to keep streets and buildings "as clean as home." There are doctors, nurses and am-

bulance equipment to take care of emergencies. Babies have been born in safety at the New York World's Fair, and it is predicted that others are yet to come. But we advise that those in such physical condition as to promote sudden demand upon ambulances and physicians stay at home. For all others we endorse heartily the invitation of the Health Commissioner of New York City to attend the great World's Fair of New York.

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.

## New Type Hay Barn



No, that's not 2 silos you see. It's one silo and a brand new hay keeper of modern type. Filling this type of "barn" with chopped hay saves time, labor and expense and protects against fire and all forms of storms.

PROBABLY the newest practice in hay-making is to chop hay and blow it into the storage space just as corn is chopped and blown into a silo. This practice has been made possible by development of a suitable place to store chopped hay. It is a cylindrical construction resembling a silo, manufactured by the James Manufacturing Company. One of the new keepers is now in use at the St. Mary's Academy Farm, in Leavenworth county.

This system has been found to have several advantages over the old method of storing hay. In the first place, chopped hay in the new keeper is easier to handle. It eliminates the old job of "tugging at a tough spot," with a fork, in the hay mow. Chopped feed is easily taken from the keeper and carried to

the mangers in baskets or other containers. As for putting it in the keeper, those who have used the process say it can be chopped and blown in just as rapidly as hay can be unloaded with a spear fork.

Another advantage claimed for the chopped hay is that it is more highly relished by farm animals than whole hay. Dairymen say their cows clean it up better and some tell of increased milk production thru changing to the chopped form of feed. Because of the greater density of chopped hay greater quantities of it can be transported in a feed truck.

Possibly even more important than convenience and quality is the protection from fire that is afforded by storing chopped hay in the hay keepers, which are lightning proof. The structures are efficiently ventilated for liberation of heat, vapors and gasses.

-KF-

## Fine Alfalfa With Phosphate

RAISING 5 tons of alfalfa hay to the acre is a rare accomplishment on good soil, but having that kind of yield on white ashy soil said to be unfit for alfalfa is more than an accomplishment—it is almost unbelievable. Yet it has been done and it is believable now because it comes from one of the outstanding farmers in Crawford county. Phosphate fertilizer did the trick.

That farmer is D. W. Emmons, who was honored at a banquet, given by the Pittsburg Chamber of Commerce, as the champion alfalfa grower of Crawford county. In a recent letter to Kansas Farmer, Mr. Emmons wrote:

"I read with much interest your article of July 15 and can truly say that we down here in Crawford county are also raising some good alfalfa. We're raising it on land that a few years ago was considered too poor to grow the crop. I'll write my experience and maybe it will help someone else to raise more and better alfalfa.

"Part of the ground raised wheat and part of it produced oats hay in 1935. Early in July the ground was plowed deep, and 2 tons of ground limestone an acre were applied. An unlimed strip was left along one side of the field. I disked, harrowed and dragged the ground several times and succeeded in getting a firm seedbed.

"Kansas common seed was broadcast on September 2, following a light rain. Seed was covered with a light harrowing. In 1936 the field looked good but I was disappointed when the first cutting, in June, produced only 1 load to the acre. The unlimed portion was short and yellow. The second cutting in August produced 3½ tons on the 6½ acres. The unlimed part was only 2 or 3 inches high.

"Upon the advice of S. U. Case, our county agent, I applied rock phosphate to the top of the ground and let the weather soak it in. This was applied at the rate of 200 pounds to the acre on December 20, 1936. The next spring my first cutting yielded more hay than

the total cuttings of the year before.

"In 1938, with no additional phosphate, I harvested more than 5 tons of hay to the acre. I top-dressed this field again in December, 1938, using 300 pounds to the acre. My first cutting this spring yielded more than 2 tons an acre. Just 30 days after the first cutting this alfalfa was 3 feet high.

"At present there is little or no difference between the limed and unlimed portions of the field, indicating that phosphate is what was most seriously needed by the soil."

## Five Farmers at the Fair



THESE 5 Kansas farmers went to New York City and the World's Fair on a personally conducted tour—their first trip East. One of them took his mother and 2 their wives, making a party of 8 who were led by Mrs. Pearl Farmer Richardson, of Pratt, Kan., clubwoman and lecturer well known in the Midwest. The first place they visited at the fair was the Ford Exposition, where they tried out the new Ford lightweight tractor with various implements. From left to right: Frank McLain, of Sun City, who also operates large holdings in Texas (driving); Richard Moss, of Coats; Paul Habiger, of Bushton, 24, the youngest member of the tour, who got his greatest thrill out of riding the New York subways; L. B. Vaught, of Coats, who is taking a deferred honeymoon trip; and Frank Novotny, who grows wheat in Pratt county.

## New Conservation Area

A new area in Kansas in which the Soil Conservation Service will co-operate with farmers and ranchers in the demonstration of modern soil and water conservation practices is announced by H. H. Bennett, chief of the service. The new area will embrace about 125,000 acres in Thomas county. This makes 5 areas for Kansas.

## Building a Silo?

Booklets on building silos of various types, "How to Build a Sisalkraft Temporary Silo," issued by Sisalkraft Co., Chicago, and "Silos—Types and Construction," just issued by the U. S. Department of Agriculture, are FREE to readers. These booklets contain helpful illustrations, one giving instructions on making a temporary silo, and the other special information on construction needs for silos to hold different kinds of silage. Address a card or letter to Farm Service Editor, Kansas Farmer, Topeka.

# FRUITFUL KANSAS

By JAMES SENTER BRAZELTON  
Troy, Kansas

MAKING the United States as a whole, a bumper crop of apples is expected this year. The great apple growing sections of Washington and Oregon will have fewer apples than in 1938. The Rocky Mountain states also port a smaller commercial crop. Only fair yield is expected in the Eastern states, altho New York state promises better yield than last year. Virginia will have a crop about like 1938, but a port crop is expected in West Virginia. Here in the Midwest, however, will put on the market more apples than we did last year.

All varieties of apples, with the possible exception of Jonathans, have attained good size this season despite extremely hot weather thru the middle of July. A much needed rain finally came on August 10 and with cooler weather from now on, especially at night, the apples will put on color rapidly. The quality of our apples is expected to be far above the average as there has been practically no scab this season and most growers have done an excellent job of spraying control worms. So far this section has been fortunate in escaping any serious hail damage. The harvest of summer apples in Doniphan county has been exceptionally heavy.

Russel Triplett, of the Triplett and Town Brokerage Company, Troy, estimates there will be 1,000,000 bushels of apples shipped out of Doniphan county this fall. The Trop Apple Growers Association expects to wash, pack and sell 100,000 bushels of apples for members. L. W. Stewart, of the Stewart Fruit Company, Wathena, says the crop will be 50 per cent

heavier than in 1938 and he expects to move 40,000 bushels during the season.

Taylor M. Bauer, manager of the Wathena Apple Growers Association, expects his association to handle around 375 cars of apples. Their new cold storage plant, with a capacity of 25,000 bushels, is about completed. With this and their night air storage building, they will be able to hold around 100 car loads in Wathena after the harvest season is over. It is estimated the Ramsel Fruit Company, of Blair, and the Blair Apple Growers Association together will ship the equivalent of 350 cars of apples this season.

In most grape producing sections thruout the United States, indicated grape production is below last year's crop but still above the average. In Northeast Kansas, however, the grape vineyards will exceed their yield of last year. The grapes are large and fine and it is estimated that 400,000 to 500,000 baskets will be moved from this district.

George W. Kinkead, secretary of the Kansas State Horticultural Society, announces that the annual meeting of the society will be held at Wichita this year on December 7 and 8. Fruit marketing and peach growing will be two of the main topics on the program and a key speaker will be obtained for each of these subjects. At a meeting of growers recently in Doniphan county, when this announcement was made, it was pointed out that peach growing could easily be overdone and it was the opinion of all who expressed themselves that too rosy a picture should not be painted of the profits to be obtained from peaches.

## Farm Market by Side of Road

"Let me live in a house by the side of the road and be a friend to man." That familiar old expression about sums up the summer business of Mr. and Mrs. J. M. Gish, of Abilene. They operate a roadside fruit and vegetable stand in front of their house about 5 miles west of Abilene, on Highway No. 40, and rely on their business for both pleasure and profit.

During hot summer months, roadway tourists find delight in a few

moment. Mrs. Gish takes great delight in tending the stand.

"I enjoy it so much because I meet interesting people of every class and description," she declared. "I remember one time when we showed our watermelon patch to some tourists from New York City. The New Yorkers were amazed at the sight, because they didn't know that watermelons grow on vines. To them this everyday fact of nature was more thrilling than



Mr. and Mrs. J. M. Gish take in \$8 to \$35 a day during tourist season from the sale of fruits and vegetables at this stand in front of their house on Highway 40, near Abilene.

minutes of relaxation and a slice of ice-cold melon, along with a friendly welcome at the Gish place. Upon their departure, the tourists may wish to take with them a helping of apples or peaches, or perhaps some fresh vegetables to insure them of a good meal at their next stop in a tourists' camp. You might think that tourists would remember an incident of this kind after more than 20 years in the stand. Mr. and Mrs. Gish report they have regular tourist customers who stop at the place every summer.

Thru this business the Gish's have made acquaintances and friends in almost every state in the Union, and while the stand is in operation they expect these friends to happen along any day at the most unexpected

the best show in the world. Something of this kind happens nearly every day."

Altho they handle ice-cold pop and occasionally other commercial articles, practically all of the products sold by Mr. and Mrs. Gish in the roadside stand are fruits and vegetables produced right there on their farm. About 35 acres of truck crops are grown on their farm each year. Half of the crop is sold thru the stand and about half of it is sold to wholesale trade.

Cash returns during the last few years have ranged from \$8 to \$35 a day and total from \$750 to \$1,000 a season. Mr. Gish tells of "the good old days," when \$600 a day was common.

The stand is usually opened during the latter part of July, and business is continued until the last of October.

## Youngsters, Win a Calf!

Some dairy-minded poet is going to win a trip to the 1939 National Dairy Show at the Golden Gate International Exposition or a \$150 purebred Jersey heifer calf, according to the announcement of a "Jersey Jingle" contest, sponsored by the American Jersey Cattle Club. Any farm boy or girl under 18 years old in the United States can participate in the contest which closes September 30, and the winner has his choice between the trip and the calf. All you have to do is write a last line for the jingle, supplied by the Cattle Club. For official rules and entry form write a card to Leila Lee, Kansas Farmer, Topeka.

## Phosphate Doubles Yields

Doubled yields from use of phosphate on alfalfa was the result found by C. A. Heine, one of the farmers in Russell county conducting tests. Mr. Heine cut a small plot of treated and non-treated alfalfa and checked the yields. He found that on the treated plot there were 11 pounds of alfalfa and on a plot the same size of non-treated there were 6 pounds.

—KF—

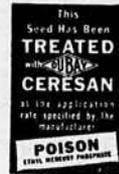
## Deadlines for Insurance

Deadlines for acceptance of applications and premium payments from growers who wish to insure their 1940 winter wheat crop, have been set at September 20 for Western Kansas and September 30 for the Eastern area. Leroy K. Smith, manager of the Federal Crop Insurance Corporation, emphasized that under the crop insurance program for 1940, growers must have their paid-up applications on file with their county AAA officers before the crop is seeded this fall. The deadlines set up cut-off dates for various areas.

**EXPERT ADVICE!**

**"Use New Improved CERESAN for paying grain yields"**

Cut growing cost and increase your profit by dry-treating seed wheat and barley with New Improved CERESAN. Both volatile and soluble, this disinfectant acts twice to kill seed-borne organisms that cause seedling blight, stinking smut of wheat, covered and black loose smut and stripe of barley. Average yield increase in tests, 6%! Recommended by most Experiment Stations. Costs as little as 1 1/2¢ per bushel of seed. Safe to seed—just follow directions. Treat now—plant when ready. Grain Pamphlet and Gravity Treater Plans free. Write to Bayer-Semesan Company, Inc., Wilmington, Del.

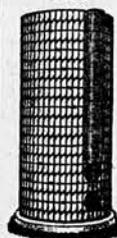


When you buy seed, look for this stamp on the tag.



**SEED DISINFECTANTS**  
A TREATMENT FOR EVERY MAJOR CROP

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are the silos that have been giving such outstanding service for the last twenty-six years.

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F-M Hammer Mill line also includes Model 140 with 3-hp. electric drive for use on R. E. A. and other sizes for all grinding needs.

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# Successful Farmer From SMALL START

By A. Q. MILLER

**S**TARTING without capital, a middle-aged Cloud county tenant farmer, Wallace St. Pierre, is farming today 1,200 acres of the best Republican River bottom land, near Ames.

Rearing a family of 5 boys he has fought his way thru the depression, paid \$2,500 in hospital bills, borrowed thousands of dollars to finance his farming operations, but never gave a chattel mortgage. His banker has made "character loans" to him on the basis of a moral risk. He owns \$5,000 worth of farm equipment, besides livestock, and more important, he and his wife have reared a family of boys who will go into the world and fill their places as useful citizens.

Having successfully farmed 560 acres of river bottom land last year, planting some of his corn 3 times, and diversifying his crops, another landlord persuaded him to take an additional 640 acres of river bottom land this year, which will give him supervision over 1,200 acres to crop as a tenant farmer.

A few years ago when he had an accident and was on crutches 4 months, his wheat on an upland farm yielded only 6 bushels an acre. He was not discouraged but got a winter job in a Rock Island roundhouse and by working overtime that winter made \$1,200 in 6 months to apply on hospital bills, taxes and farm rentals. Asked how many hours a day he worked, he said sometimes he worked 24 hours and many times as long as he could stand up. That spring when he got ready to go back to his farm work the shop foreman offered to put him in charge of a crew of men, construct a building and open a new department in connection with the shops. But he thought the place for his boys was on the farm.

Hearing the story of the experience and success of this Kansas farmer, and realizing the tremendous handicaps of farming at present, the writer visited this farmer to find the secret of his success—and he found it to be truly a modern Horatio Alger story.

## Meal Raised on Farm

Recently when the writer sat down to a dinner in this modest farm home, after returning thanks, he was served with a delicious meal, practically every item of which was raised or made on the farm. Canned meat, canned corn, canned beans, canned peaches, home-grown potatoes, eggs, bread and butter, milk—all raised on the farm—helped to answer the story of the success of this family.

The year they lost the crop on the upland, and the husband was working in a roundhouse to recoup their finances, the wife raised and sold more than \$800 worth of eggs and chickens, besides receiving sizable cream checks.

Mr. St. Pierre attributes his success to: "Hard work and the application of old-fashioned common sense." When he was 12 years old his father died and he had only an eighth grade education in a rural school. He helped carry the farm operations and his mother used to scrape together \$40 to \$50 and give him to attend rural farm sales with instructions to buy pigs, calves and second-hand farm implements on his own judgment. This was his first experience of exercising his judgment of values of livestock and learning the important lesson of the value of a dollar.

Last fall he bought 29 head of yearling steers, roughed them thru the winter, feeding some corn and silage, and just recently hauled one truck load of 14 head to Kansas City, sold them for \$1,200, which was exactly the cost of the entire lot plus feed bills to date. He had 15 head left which represented his profit.

Looking about the farm yard it was observed the fences were in order and a big supply of cord wood was carefully ricked. He and his boys had found time to paint the outbuildings without expense to the landlord.

An example of resourcefulness was shown last summer, after the river had washed out his corn 3 times, layed flat a field of oats and soaked his wheat fields so he could not get his steel-wheeled combine into the field. One of the sons, who had taken a mechanical and engineering course, figured out a mechanical device and improvised wheels which would carry large-size rubber tires and put the combine into the field. The wheat crop was saved. Attaching a "gathering device" to the combine he then went into the oats field and harvested 40 bushels of oats an acre from a field the landlord thought was ruined by flood water.

The family reading matter included farm journals and bulletins from Kansas State College. Mr. St. Pierre was asked whether he always followed farm practices as advocated by the College.

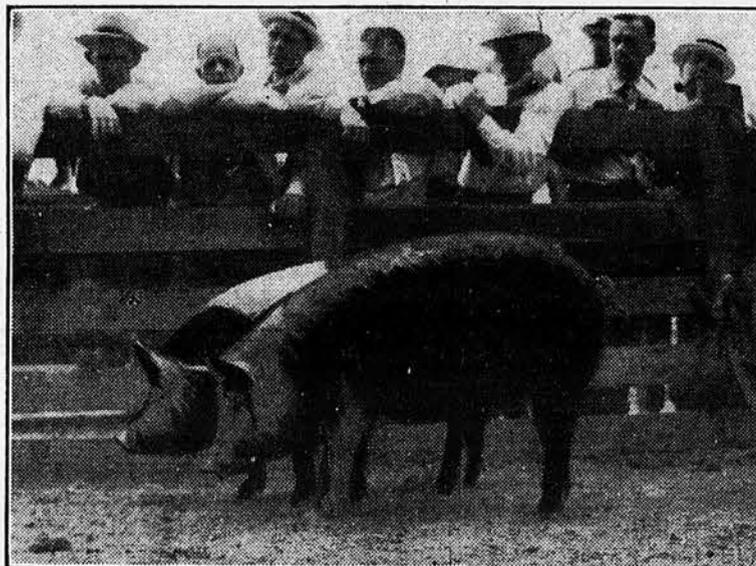
## Clover Booster

"Generally speaking, yes, but I have to apply those principles to my soil conditions, weather and rainfall," said the farmer. He believes in diversified farming, planting clover to bring back the fertility of the soil and turning under alfalfa ground every 4 or 5 years. He is not a one-crop farmer and does not believe in carrying all his eggs in one basket. This year he has wheat, barley, oats, alfalfa and clover and will plant a large acreage of corn.

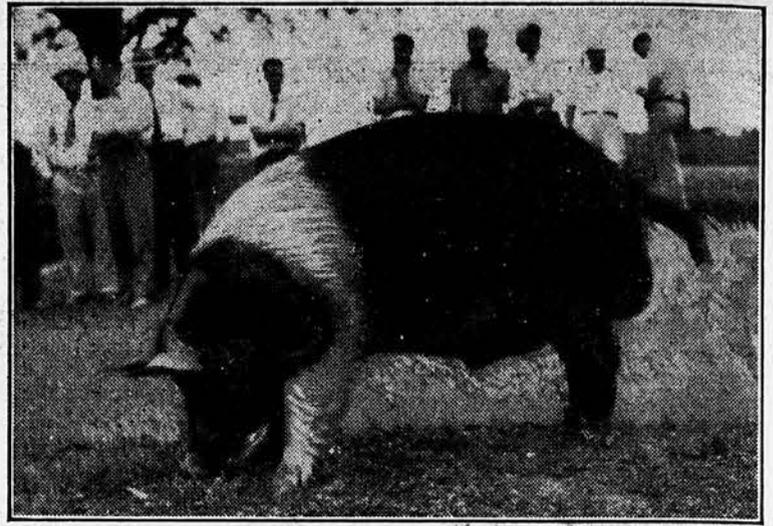
In addition to feeding a small bunch of steers, Mr. St. Pierre milks from 8 to 10 cows and keeps a bunch of good brood sows on the place. Part of the milk goes to the growing pigs, and cream checks average \$30 a month. Not keeping fully occupied by operating this large tract of ground, after harvesting his 300 acres of wheat and oats last year he cut 200 acres of wheat for his neighbors with his combine. To conserve time and keep down expenses he operates his own blacksmith shop.

Important in connection with the successful operation of this farm are 3 growing boys who have been willing helpers, and are being trained to be the same kind of farmers as their father. Outside of a few days during the harvest season this is all the help that is required.

*Note: A. Q. Miller, who wrote this interesting article for Kansas Farmer is publisher of the Belleville Telescope.—Editor.*



These barrows were selected by packers at the Hampshire Type Conference held at Carrollton, Ill., as the best to meet market demands.



This boar was OK'd by the Hampshire Type Conference as the kind of boar to sire market topping barrows of distinctive meat type.

## Hog Men Pick Ideal Hampshires

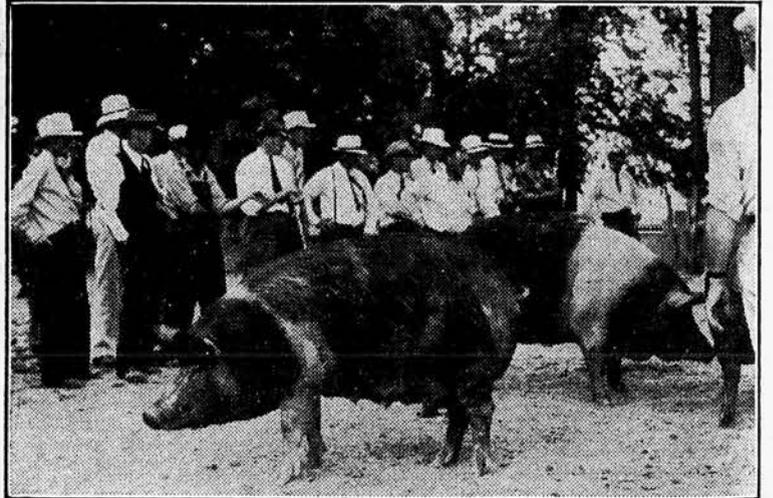
By CECIL BARGER

**F**IVE hundred Hampshire enthusiasts climbed the hoglot fences to look over the hogs in the ring. And 500 producers, breeders, packers, show judges and hog specialists from the agricultural colleges had their say about how a Hampshire hog should look.

This first hog type conference ever held was no white collar hotel room conference. These hog men were right out there slipping on the feedlot corn-cobs of the nationally known Cooke Valley and South Side Farms near

The type conference deflated the fallacy that there is any real and unsurmountable difference between what the market wants and what the farmer can produce most economically. The packers are definitely not asking for the short, shoved-together, roly-poly, pony type.

From the particular standpoint of the Hampshire breed the outstanding development was an unanimous opinion between packers, the college authorities, and breeders that, in light of the increasingly serious problem of excess



These brood sows were OK'd by the Type Conference as the kind to produce the best and most profitable barrows to meet today's meat type demand.

Carrollton, Ill. Ring after ring of animals was placed and discussed by those present from all over the Midwest. After the 3 days' discussion the group, thru its committee, chose the animals pictured here as best Hampshire type.

lard production, solid meaty Hampshire substance should by all means be retained and that all of the needed improvement in increased ham development, feeding quality and early maturity can be practically effected without lardiness or jowly, flabby carcass.

A middle-of-the-road Hampshire type was generally agreed on, with more width than the type of a few years back and less than the lard type extremists have been advocating—less legginess but still well above the belly drag. Unquestionably ham development is the point of individuality most urgently needing the attention of Hampshire breeders, the conference agreed.

## Best Durocs in World

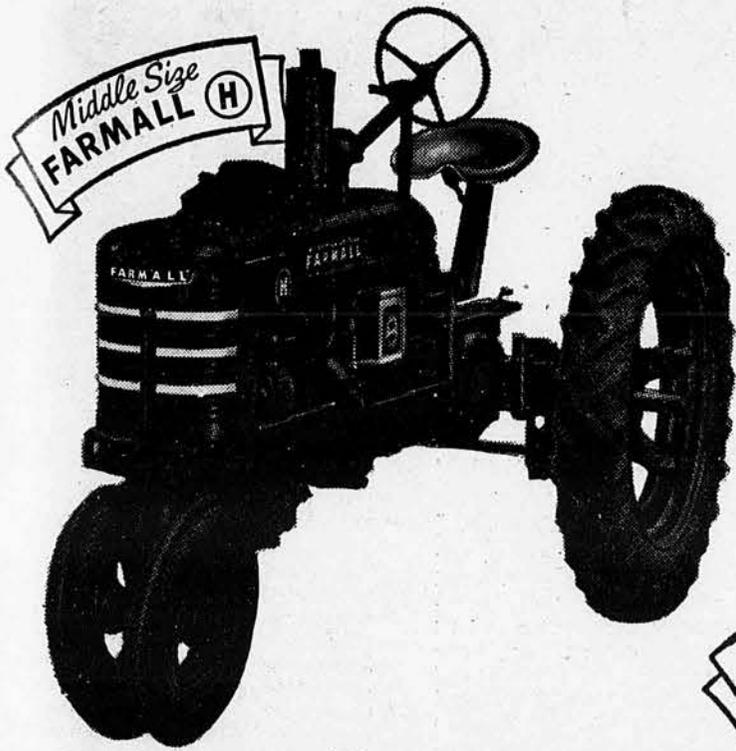
The best 10 Duroc hogs in the world come from Kansas! Verne Albrecht, Smith Center, recently won the rating at the National Swine Show held in connection with the Golden Gate International Exposition at San Francisco. Mr. Albrecht was the highest winning hog showman at the show. Besides the pen of best hogs, Mr. Albrecht won 6 first places, 3 second places, and 3 third places. He is now touring the Western states with his carload of prize-winning Durocs, exhibiting at the various state fairs.

# Here They Are . . .

# NEW FARMALLS

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- Five-speed transmission. Four field speeds, plus a 16-mile road speed (on rubber). Variable governor—you can control driving speeds within "inches per hour."
- Patented automatic steering-wheel cultivator gang shift. Clean cross cultivation at 4 or 5 miles an hour.
- Finger-tip auto-steering. Brakes can be operated separately for making short or pivot turns—or as a unit on the road.
- More than 30 high-grade ball and roller bearings. 19 rawhide spring-loaded dust and oil seals.
- Can be equipped with "Lift-All," which lifts and lowers machines, or front or rear sections, on either side.
- Adjustable wheel tread—for all row-crop requirements.
- Most complete line of quick-attachable machines.



### THE NEW SMALL FARMALL-A with "CULTI-VISION"

Here is Harvester's new small Farmall, with features you have been waiting for: power, speed, economy, and "Culti-Vision." Built to do all the work on the small farm, or to replace the last team on the big farm—and it sells at a new low Farmall price. Direct-attachable machines are available for all row crops, including vegetables. Ask us for complete details.

FOR 17 years the FARMALL idea has been setting the pace in power. FARMALL is today the No. 1 farm tractor in the land. The whole power farming picture has been changed by half a million FARMALL tractors on the job. . . . And NOW comes a brand-new family of FARMALLS to step up farm power efficiency all over again!

Last month we introduced the small FARMALL-A with its great new feature, "Culti-Vision."

Here's your first view of the little fellow's big brothers—FARMALL-H and FARMALL-M—spic and span from the Harvester factories, raring to go!

First view shows you up-to-the-minute appearance—the hand-

some lines of farm power that is *practical for the fields*—modern styling in the famous FARMALL red. But the real thrill will come when you get hold of one of these steering wheels, give the smooth 4-cylinder engine the go-ahead, and put a new FARMALL through its paces.

Here are three bears for work—*big size, middle size, small size!* You'll find each one a go-getter in every inch and ounce. Step out ahead with your choice of the new FARMALLS. See the McCormick-Deering dealer for the full story. *Satisfy yourself* about the *quality, utility, power, comfort, and economy* of these great new tractors—and about the new low FARMALL prices. Catalogs on request.

### INTERNATIONAL HARVESTER COMPANY

(INCORPORATED)  
180 NORTH MICHIGAN AVENUE

CHICAGO, ILLINOIS

# Packing the School Lunch Box

An Important Aid to Child Health

By MRS. BENJAMIN NIELSEN



Into every lunch box that starts off to school of a morning should go—something hot—something crisp—something sweet—to supply ample energy for those afternoon classes.

**D**ING-DONG bell, vacation's over! Down come the lunch boxes and off dash our Bills and Janes, sporting stiffly new overalls, gay new prints and happily conscious of shiny, stiff shoes with maybe an exciting squeak to advertise their newness; carefully brushed hair just so—for it's the first day of school!

To mothers, this means 9 months of planning and lunch box packing. We homemakers, in no small measure, hold in our hands the future health, happiness and ultimate success of these youthful knowledge-seekers. To us belongs the responsibility of providing plenty of the right body-building and energy-giving foods to carry our children safely thru exacting physical and mental activities.

Starting the school child with a hot, substantial breakfast is starting the day off right. This follows a schedule of getting up in plenty of time, planning for an unhurried meal and getting off to a leisurely start with nothing forgotten.

## "Pattern" for a Good Lunch

Too often the time for packing the lunch arrives and no planning has been done; this all too often results in a hurried, haphazard meal. Planning tomorrow's lunch today and careful adherence to a regular pattern are definite aids to busy homemakers. A good "pattern" to follow includes:

1. Something hot for the vacuum bottle—a drink, creamed dishes, well-cooked meats in delectable brown gravy, to be eaten with bread and butter slices, or appetizing soups. In combinations of canned soups lurk delightful taste surprises.

2. Something crisp—fruits, raw vegetables—crisp carrot boats, celery stalks with surprise fillings. They will retain their crunch if wrapped in heavy waxed paper.

3. Something sweet—if fruits are not used, choose a simple dessert such as custards, fruit Betty or simple, not-too-rich cup cakes, baked in paper cups for ease in carrying. If iced these cakes must be, it's the better part of wisdom to remove the baking case, split the cakes and, putting the frosting between the layers, tuck them back in their cases.

Sandwiches are good travelers. But don't let them become monotonous! Achieve variety in breads by using different flours. Cut them in interesting shapes. This is a grand place to put your cookie cutters to work, for a sandwich tastes twice as good in a different shape. Also use a light and a dark slice in one sandwich. Nut breads offer endless variety. And remember, two different kinds of sandwiches always rate higher than two of a kind. Use plenty of butter to keep the filling from soaking in to the bread and to supply extra vitamins.

## Try These Between Bread

Here are a few easy fillings to add to the old standbys:

1. Ground or finely chopped peanuts, walnuts or pecans mixed to a paste with granulated or liquid honey. Try on white or whole wheat breads.

2. Equal parts of ground dried beef and grated American cheese moistened with tomato catsup or chili sauce. Use light or dark breads.

3. Ground cooked ham mixed with an equal portion of grated raw vegetables moistened with cooked salad dressing. Good on rye bread.

4. Equal parts of peanut butter and mashed banana, blended with honey. Just right on whole wheat bread.

If the child is a bit inclined to be finicky and pick at his lunch, the battle is more than half won if the contents are packed with an eye to attractiveness when the lid is first raised. Lunch box accessories—heavy waxed paper, gay paper napkins, paraffin treated cups for little extras, a lace paper doily or paper kitchen towel for a "luncheon cloth" are grand aids in dressing up the lunch box. The cost is slight when measured in terms of satisfaction and appetite appeal. Keeping assembled in one place all the equipment necessary to the packing of the lunch will greatly increase one's efficiency when packing time arrives.

Happy, indeed, is the child who can boast of a "surprise" to his lunch companions. Maybe it's a wax paper or cellophane wrapped fruit ball made by grinding dates or figs, combining with an equal part of peanut butter and blending with a tablespoon each of

finely chopped nuts and honey for each cup of mixture; forming into balls and rolling in finely shredded coconut. Another time, cooked prunes, pitted and stuffed with a bit of marshmallow or granulated honey and thoroly chilled over night; or dates pitted and stuffed with nutmeats or fondant. Or, a "hollow celery tree" stuffed with a creamy mixture of equal parts of grated raw carrot and American cheese. And, on extra special occasions, a small, not-too-rich candy bar!

Cookies are always welcome and these two recipes are bound to be prime favorites:

## Fig Envelopes

½ cup butter	¾ cups flour
1½ cups brown sugar	1 teaspoon baking powder
1 egg	1 teaspoon vanilla
½ cup sour milk	½ teaspoon salt

Cream the butter and brown sugar together until light and fluffy. Add well-beaten egg and the sour milk. Beat well. Sift flour, measure and re-sift with salt, and baking powder. Stir into first mixture. Mix well. Chill dough. Roll out thinly and cut in rectangular strips 4 inches wide and 12 inches long. Spread the filling on one side, then fold unspread side over and slightly under the edge of the spread side, making a flat roll about 2 inches wide. Cut in bars about 2 inches long. Bake on greased cookie sheets, in a hot oven, 400 degrees F., for 10 to 12 minutes.

## Fig Filling

½ cup sugar	½ cup water
1 tablespoon lemon juice	Grated rind of 1 lemon
	1 cup figs

Run figs thru food chopper, add sugar, water, lemon juice and rind. Mix well and cook until thick.

## Oatmeal Crunches

2 eggs	1 cup coconut, shredded
½ cup sugar	½ teaspoon salt
2 tablespoons honey	¾ teaspoon vanilla
1 tablespoon melted butter	3 tablespoons cornstarch
2 cups quick oatmeal	1 teaspoon baking powder

Beat eggs until light, add ingredients in order given. Mix well. Drop by spoonfuls on well-oiled cookie sheets. Bake in a moderate oven, 350 degrees F., for 20 minutes.

And for adding variety to the sandwich kingdom these two, long-keeping nutbreads are "tops."

## Banana Nut Bread

¾ cup butter	3 tablespoons sour milk
1 cup sugar	1 cup chopped nutmeats
2 eggs	3 bananas
1 teaspoon soda	1 teaspoon vanilla
3 cups sifted flour	

Cream butter and sugar well. Add beaten eggs and beat mixture until light. Add milk in which the soda has been dissolved. Sift flour, measure and sift into mixture. Stir in bananas, which have been mashed; add nutmeats and vanilla. Mix thoroly. Pour into well-oiled loaf pan. Bake 1 hour in moderate oven, 350 degrees F.

## Date Nut Bread

1 cup dates	1½ cups whole wheat flour
1 cup chopped nutmeats	½ cup brown sugar
1½ cups flour	½ cup honey
2 teaspoons baking powder	2 tablespoons butter
¾ teaspoon soda	1 teaspoon grated orange rind
½ teaspoon salt	1½ cups milk
1 egg	

Pit dates and run thru food chopper. Mix dates and nutmeats with ¼ cup of the flour. Sift remaining white flour with soda, salt, and baking powder. Beat egg until light, add brown sugar gradually, beating constantly; add honey in like manner. Stir in milk, melted butter, and grated orange rind. Add whole wheat flour to sifted dry ingredients all at one time. Stir only until blended. Pour into well-oiled loaf pan. Let stand 20 minutes. Bake in moderate oven, 350 degrees F., for 1 hour and 15 minutes. This bread should be allowed to "age" 24 hours before serving.

## Crocheted a Square

AT A TIME



Filet squares—lovely bits of lace so easy to crochet! Joined, square to square, they form a stunning bedspread, tablecloth, scarf or pillow that's bound to win you prizes—and praise. Mercerized string makes them at budget cost. Pattern No. 2038 contains charts and directions for making the square; illustrations of it and of the stitches used; and gives material requirements. The pattern is only 10 cents and may be obtained from Needlework Service, Kansas Farmer, Topeka, Kan.

Kansas Farmer for August 26, 1939

# Moving YOUNG PULLETS To Winter Homes

SEPTEMBER is the ideal time for getting the March and April hatched pullets in their laying house. But there should be some preparation before moving. If the laying house is old or needs renovating or repairing, or if one intends to insulate the building it will be best to do this work before placing the pullets in the house.

At any rate if nothing else is to be done the house should have a thorough cleaning. Movable fixtures should be taken outside, cleaned and sprayed. The house and fixtures will be better for a washing of lye water, dissolving one can of lye to 15 gallons of water. When everything is clean, spray with a mixture of 1 gallon of kerosene to which 1 pint of crude carbolic acid has been added.

## Feeders Need Light

In arranging the feeders be sure that there is ample room for the pullets to eat comfortably. Remember, it will take more feeders for dry mash if one is using the all-mash method of feeding. Set the feeders so that the light will shine equally on both sides, preferably at right angles to the windows.

Provide plenty of darkened nests for the young pullets, 1 to every 6 pullets will be sufficient. Giving them a dark place to lay will result in fewer floor eggs, cleaner eggs and fewer broken eggs and seems to satisfy the pullets better. A litter 6 inches or more deep on the floor gives the pullets some needed exercise. This may be of straw, peat moss, or ground corn cobs. Provide plenty of water. It is well to recall



Mrs. Farnsworth

By MRS. HENRY  
FARNSWORTH

that an egg is 65 per cent water. Provide oyster shell, grit and charcoal in hoppers. If you are using a commercial laying mash fill the hoppers. If you are mixing your own have your formula selected and stay with it.

Regularity in taking care of the flock will have much to do with results. Have a certain time for feeding grain, moist mashes, and picking up eggs. Fill the water pails the first thing in the morning, or it can be done the last thing the evening before, which is really better. Pullets want a drink the first thing in the morning.

## Catch at Night

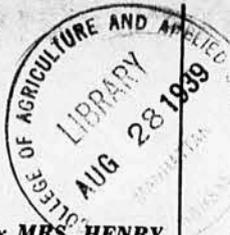
The best way we have found when moving pullets is to catch them at night, place them in shipping crates until the next morning, then look them over carefully before putting them in their permanent quarters. There may be some that are not so matured and such will develop better and quicker if left in their summer houses 2 or 3 weeks and given extra liberal feedings. Look them over for disqualifications, select those that have good size and weight, broad, full heads and alert eyes. Discard those that show weakness of any kind. Give the pullets a combination worm capsule while catching them, and dip them in a sodium fluoride solution to guard against any lice that may be starting. A reader dipped her fowls in a solution of the sodium fluoride, 1 part to 16 parts of water, and had no more trouble with lice. Each year she dips the fowls in August. You may wish to put the aluminum pick guards on your pullets at this time, if you have had trouble with pick-outs and feather eating.

At this time of year, too, the younger pullets may be shedding a considerable number of feathers. This is a natural losing of the baby feathers and getting in readiness to grow the permanent coat for winter. It has no connection with the partial molt that sometimes shows up in the layers after they have laid for a few weeks. The partial molt in the laying pullets may be avoided to a certain extent by watching carefully the ration, increasing the grain if they start losing weight, or more corn meal may be added to the dry mash, or it may be added to the moist mash if you are feeding one. By placing a colored celluloid leg band on the pullets you will be able to keep tab on their ages, which is a help in culling the laying flock next year.

## Students Get Cash From Turkey Eggs

GATHERING 15-cent Bronze turkey eggs proved a daily chore that brought excitement and cash profits to students in vocational agriculture at the Goodland high school. Under the direction of their instructor, Loren Whipps, the boys are maintaining a laying flock of 29 turkey hens. The turkeys came into production during the last of March and laid enough eggs to bring the boys a return of nearly \$2 a day during the laying period.

Their turkey raising is a co-operative class project. Many of the eggs were purchased by the boys themselves for hatching purposes to enable them to start flocks of their own.



Their RECORD of  
PERFORMANCE  
PROVES their  
EFFECTIVENESS



THEY GET the WORMS

Worm your poultry with Rota-Caps! They get large round worms, capillaria worms, and these tapeworms, heads as well as segments: *R. tetragona* and *R. echinobothrida* in chickens, *M. lucida* in turkeys. That's effective worming!

They DON'T Knock Egg Production

NOW—you can worm laying hens without egg loss! Rota-Caps' Record Of Performance, both in experimental tests and on thousands of farms from coast to coast, proves they don't knock egg production or sicken healthy birds!

They DON'T Set Back Growing Birds

Rota-Caps' Record Of Performance proves they cause no set-back to growth—no loss of weight! Get Rota-Caps today. See your local dealer, or order direct—state quantity and size, and enclose check or money order.

DR. SALSBUARY'S LABORATORIES, Charles City, Iowa  
PRICES: Pullet Size: 100—90c; 300—\$2.50; 1000—\$6.  
Adult Size: 100—\$1.35; 200—\$2.50; 500—\$5; 1000—\$9.

Dr. SALSBUARY'S  
ROTA-CAPS

The ONLY Worm Treatment Containing ROTAMINE

## How to Make a Scrapbook Cover

By LEILA LEE

LOOK, Carl," said Clara Clever, holding a small book for her brother to see, "The pages of my scrapbook are getting all tattered."

"Why don't you make a cover for your book?" asked Carl.

"But I don't know how," replied Clara.

"I'll show you," said Carl, in his best big brother manner. "Get 2 pieces of cardboard, bigger than your book."

Clara got the cardboard, and Carl showed her how to cut the 2 pieces 1 inch longer and 1 inch wider than the pages of her scrapbook. These 2 pieces were to serve as front and back cover of the book. Next, on an old newspaper, on a flat, even surface, Carl placed the 2 pieces of cardboard, long sides almost together, leaving ¼ inch space between them.

"Now," said Carl, "We need a piece of cloth from Mother's scrapbag."

Clara brought the cloth to Carl, and he cut a strip 2¼ inches wide. This he pasted down the sides which were close to each other. He explained to Clara that the cloth would act as a hinge, holding the front and back together. To get the cloth on evenly, he drew a line 1 inch from the edge of each cardboard cover and placed the cloth on this line. Since the cloth strip was 2¼ inches wide, the ¼ inch space was left for the hinge. In pasting, Carl spread the paste evenly on the cardboard and laid the cloth strip on it smoothly.

When the paste was dry, the Clever

children covered the outside of the cardboards with heavy colored paper, and lined the inside with another color. The outside cover was cut ½-inch larger than the scrapbook on all sides so there was that much to lap over and paste on the inside. Carl folded this carefully at the corners. Clara cut the inside lining exactly the size of the scrapbook and pasted it down after the outside covering was on. The pages of Clara's scrapbook had punched holes in them, so they punched holes thru the cloth as well as the cardboard cover, to correspond with the page holes. The book was then tied together with a pretty colored card.

## Good Stunt

If your club or organization is trying to find a good "stunt" to put on for some entertainment, you'll certainly want our leaflet, "Pioneer Folk Dances." Directions included in this leaflet are for "Captain Jinks," "The Virginia Reel," "The Minuet," and "Pop Goes the Weasel." This 4-in-1 leaflet may be obtained for just 3 cents to cover mailing costs. Address your request to Leila Lee, Kansas Farmer, Topeka.

FAULTLESS  
STARCHED  
SHEETS



**GEHL** Combination Mill

**GRINDS DRY Feed and Roughage CHOPS Hay FILLS the SILO**

First it cuts, then it grinds. Cutting head produces double capacity and more when grinding dry roughage. One machine does all jobs. Grinds any grain, ear-corn roughage—fine or coarse, alone or together. MORE AND BETTER WORK. Traveling feed table—self feeder—fine even cutting—variable speed—positive feed blower. GEHL Quality at low price. Easy terms. Write for details.

**MARTIN-KENNEDY COMPANY**  
KANSAS CITY MISSOURI

2CM-37



**By Golly! THAT OLD BACKACHE HAS LEFT ME!**



Why not get a 35¢ bottle of powerful, medicated OMEGA OIL and help nature chase away the aching, soreness and lameness from your troubled back.

In the opinion of one druggist there is more Omega Oil sold for backache than anything else.

It's got the good old penetrating stuff in it that eases aches, pains and soreness whenever a good rub is indicated. Use it for sore arms and legs, muscular soreness and stiff neck—it's great for sore burning feet—35¢.

**MOUNTAIN COPPER CARBONATE**

*Kills Smut!*



SEE YOUR LOCAL DEALER

**Free for Asthma During Summer**

If you suffer with those terrible attacks of Asthma when it is hot and sultry; if heat, dust and general mugginess make you wheeze and choke as if each gasp for breath was the very last; if restful sleep is impossible because of the struggle to breathe; if you feel the disease is slowly wearing your life away, don't fail to send at once to the Frontier Asthma Co. for a free trial of a remarkable method. No matter where you live or whether you have any faith in any remedy under the Sun, send for this free trial. If you have suffered for a life-time and tried everything you could learn of without relief; even if you are utterly discouraged, do not abandon hope but send today for this free trial. It will cost you nothing. Address:

Frontier Asthma Co., 348-D Frontier Bldg. 462 Niagara St., Buffalo, N. Y.

**Lock-Joint Concrete Stave Silos**

Thousands of satisfied owners. Distributors for Gehl Cutters and Hammer Mills. Largest and oldest manufacturer of Silos in the South-west. Factories at Wichita and Topeka. For information, write home office. Interlocking Stave Silo Co. Box 547 Wichita, Kansas

**NATIONAL Vitrified SILOS**

Everlasting TILE

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

**NO** Blowing In Buy Now Erect Early  
Blowing Down Erect Early  
Freezing Immediate Shipment

Rowell Roller Bearing Enslage Cutters.

Write for prices. Special discounts now. Good territory open for live agents.

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

**You Could Do No Finer Thing!**

The Copper Foundation for Crippled Children is maintained by voluntary contributions. Ministers unceasingly and sympathetically to restore unfortunately handicapped boys and girls to health and happiness. It needs your help. Address:

**COPPER FOUNDATION FOR CRIPPLED CHILDREN**  
20-B Copper Building, Topeka, Kansas

**Return of the Open Prairie**

(Continued from Page 3)

make the profits," he explained. "The beef cow is designed in every respect to make use of feeds that might otherwise be wasted.

"With this system, the cattleman can vary his operations to meet different conditions. The first consideration is to have the calves come early—February to April. Then, if feed conditions are good, the calves can be creep-fed to develop into a marketable product within 9 to 12 months. If crop conditions are unfavorable, they can be carried thru the summer and winter in preparation for deferred feeding the next season. Under more extreme conditions, the calves can be sold as feeders. Producing your own calves insures a marketable product each year, and it incurs little risk because both calves and feed are produced on the farm."

**Next Safest Method**

The next safest method of cattle production, Mr. Moxley says, is to buy calves each fall and feed them to the yearling or 2-year-old stage. If buying and selling is done at the same price level, most of the risk in price fluctuation is eliminated, and the feeder has a regular income much the same as in producing his own calves. As a slogan to remind of the safety factors in these methods, Mr. Moxley declares, "A cow will produce you out of trouble, and a calf will grow you out of trouble."

It was explained that if the Blue-stem area is to successfully compete with the southern and western states, Kansas producers must give special attention to quality, careful wintering of cows, and early calving.

To prove Kansas cattlemen are making progress, Mr. Moxley reminded, that years ago an acre of land was considered to produce an average of about 75 pounds gain, thru use of the prairie. Now the prairie is better utilized by supplementing it with other feeds. Years ago stover took its place in the wintering ration and later the gain was doubled by introduction of silage. Further advances were made thru use of cottonseed cake, while improvement in cattle type and crop varieties continued thru the years.

Recent developments in creep feeding and deferred feeding practices have pushed the gains higher and higher until now an acre of land is expected to produce gains of 500 to 800 and, in some cases, as high as 1,000 pounds. As crops from nearly one-third of Kansas are marketed thru beef cattle, the state's well-being is most surely improved by these methods which get more beef from the same acreage.

**Kansas Farmer offers its readers 2 leaflets, one on creep-feeding calves and the other on better pastures in Kansas. These are most complete and especially valuable to cattlemen and livestock raisers. To cover mailing costs, please send 3 cents each or 5 cents for both leaflets to Farm Service Editor, Kansas Farmer, Topeka.**

—KF—

**Hog Feeders to Meet**

October 7 has been set for the annual Kansas Swine Feeders' Meeting, which is held each year by the department of animal husbandry at Kansas State College, according to Prof. C. E. Aubel, in charge of the swine investigations. Several outstanding events will feature the day, 2 of which will be: First, addresses by persons prominently identified with the livestock industry; and second, reports concerning swine feeding experiments which have been completed in the past year.

Swine Feeders' Day is an annual occasion at the college and farmers from all over the state come there to learn first hand the results interpreted by the station's staff members, and to see the pigs used in the experiments.

**Ready Help for Readers**

**M**ANY of you undoubtedly realize that information, complete and interesting, about any product advertised in Kansas Farmer is contained in the literature published by the makers of these products. As a matter of fact, such literature is almost necessary for complete knowledge of the finer points.

It will pay you to send for the booklets and pamphlets that are offered by Kansas Farmer advertisers. For, whether you are buying immediately or not, the information they contain is valuable. Your dealer will also have descriptive booklets.

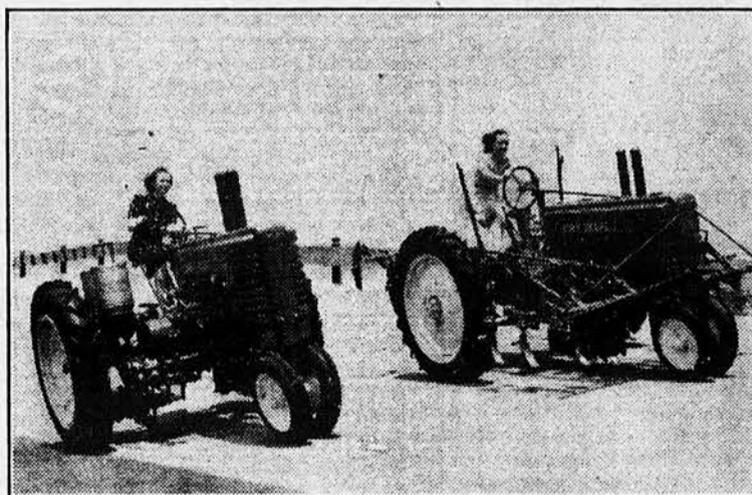
Here are the advertisers in this issue who are offering you this opportunity:

It is just about time to begin to think about treating seed wheat and barley. Send for the grain pamphlet and gravity treater plan offered by Bayer-Semesan on page 7.

And before you build that silo, write for the details of McPherson Concrete Stave Silos. This advertisement is on page 7.

Learn more about the Gehl Combination Mill that cuts, grinds and then fills the silo. Send today for the details. The ad is on page 12.

**Fair Features Farm Speed**



The New York World's Fair theme of dramatizing industrial progress is strikingly carried out in the exhibits and demonstrations of farm equipment in the transportation zone, where these 2 girls are putting John Deere tractors thru the sprints on the same high-banked quarter-mile Goodrich track where Jimmie Lynch and his death-dodgers dramatize tire-testing with speedy passenger cars.

The hog raisers of the state cannot afford to miss this year's meeting.

—KF—

**Clarkan Yields Best**

Clarkan wheat out-yielded other varieties in yield tests conducted by the Dickinson County Community High School this year. A. E. Engle, member of the vocational agricultural department of the school, directed the test production and County Agent A. H. Anderson released the compiled figures on the test.

Clarkan yielded 41 bushels an acre. Tenmarq was second with 38.7 bushels an acre. A new variety, still unnamed, gave the third highest yield, making 37 bushels to the acre. Other varieties ranked as follows: Blackhull, 24 bushels; Turkey, 23.2 bushels; Kanred, 19.7 bushels. The tests were started in 1932.

—KF—

**Dairyman to Aid Pasture**

Prof. Robert H. Lush, formerly in charge of dairy research at Louisiana State University, has joined the staff of The National Fertilizer Association as pasture specialist. The appointment of a dairyman to do pasture improvement work is in line with the current awakening of dairymen to the fact that pastures are crops which can be measured in terms of quarts of milk and pounds of meat produced.

"Hammer Mills and How to Use Them" is the title of a book published by Fairbanks, Morse & Co. All farmers grinding feed this season, see page 7.

Be sure to compare the facts about all kinds of silos. The Interlocking Stave Silo Co. has prepared full descriptive literature. See page 12.

Tile silos are cheap to install, according to the ad on the National Tile Silo Company on page 12. Write for the prices and special discounts.

Do the women do home baking? You will find that the coupon in the Maca Yeast ad on page 13 will bring a free sample of this product.

Whether you drive tractors, trucks, passenger cars or what not, you will want to study the information contained in the big 34-page booklet Skelly Oil Company is offering on page 16. Use the coupon.

**Fun Puts Heat on Run**

To put hot weather on the run, Read the jingle and join the fun. Come on folks be a little silly, And write a last line that's a dilly!

Two bucks is on the way to Ada Brashear, Delia, for the best line for the July 15 jingle. Her line is, "Since Si does the baking with Maca yeast." Honorable mention goes to Mrs. Kenneth Cole, La Junta, Colo.; Mrs. Hugh Craig, Hiawatha; Mrs. E. S. Lehr, Tonganoxie; and Mrs. J. P. Houston, R. 8, Topeka.

The game is easy and it's free for all. Look thru the ads in this issue. Then write a line based on some ad for the jingle below. The cleverest line will win \$2. Tell us the ad from which you got your idea.

Get the whole family to try and mail all the entries in one envelope to save postage. Each person may enter as many last lines as he wishes.

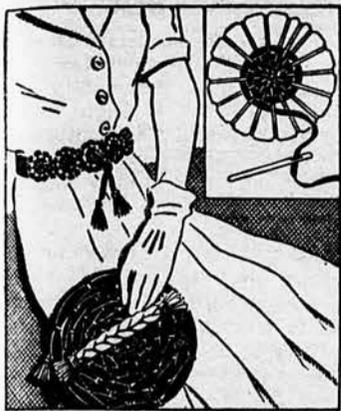
Address your card or letter to Jolly Jingleer Club, Kansas Farmer, Topeka.

Down in the dumps was Farmer Bumps  
His tractor was a-balking.  
He was so mad, the things he said,  
Would never do for talking.

But hail to Hank, of the friendly tank,  
Who laughs like a jar of jelly.  
He brought Mr. Bumps out of the dumps,

## Smart Belt and Purse

YOU CAN EASILY WEAVE



How striking for your sports dresses—this hand-woven purse and belt. Stunning in yarn or twisted crepe paper "raffa"—in turquoise, coral or emerald!

You can easily weave them on "looms" you make of heavy cardboard. Just cut circles, a large one for purse, a small one for belt. Around the edge of each circle cut 16 evenly spaced notches, a 17th between any two.

To set up warp, paste end of yarn to center of circle, wind thru two adjoining notches, then thru opposite two notches. Continue until you've wound thru every notch.

Now to weave! Thread end of the yarn thru needle, go over and under warp as in diagram. Soon your circle is done!

You need two large circles for your purse—sew them together, add zipper and handle. Sew small belt circles to a foundation.

Other things to weave? Using a dishcloth as a base, make a pillow of gay yarns. Tack ribbons to a bread-board and weave a handkerchief case.

Find complete instructions for these, and other "pretties," in our 32-page booklet. It tells how to weave afghans, rugs, scarves, doilies and many more things for gifts, home and personal use. This booklet, "How to Weave Useful Novelties," is only 10 cents and may be obtained from Home Service, Kansas Farmer, Topeka, Kan.

## Quick and Easy to Do

By MRS. J. M. BELL

When kitchen equipment is bought piece by piece, one is likely to find oneself possessed of a collection of various colored "knobbed" or "handled" pieces. These may be "tied" together easily and made to fit in with the desired color scheme of the kitchen. Simply sandpaper the offending bits lightly, then paint them any bright color desired. When dry, give them a coat of varnish which makes them impervious to water. Water-proof enamel is available at most dime and hardware stores and costs only a few cents. And with this quick drying agent one may complete the "revamping" in a single operation. Presto, it's done! Just a few minutes time, almost no expense and how these gay touches "perk up" the kitchen!

## The "Yoke" Frock

IS NEW AND SLIMMING



Pattern No. 9064—You owe yourself the comfort and slenderizing flatness of this new "yoke" frock. Stitch it up in no time . . . and wear it whenever you want to create an impression. Such an easy-to-keep-lovely design, for there are no pleats in the skirt . . . just a soft, quickly-ironed flare! And the bodice—with its curved yoke holding pretty gathers deftly in place—is as simple to manage! There's such a good line over the diaphragm with six easy darts ensuring flatness. And ruffles in frosty white are a trimming treat. Sizes 34, 36, 38, 40, 42, 44, 46 and 48. Size 36 requires 3 3/4 yards 39-inch fabric and 2 yards lace edging.

Pattern, 15 cents. Address: Fashion Service, Kansas Farmer, Topeka, Kan.



## NOW—MAKE BREAD WITH MACA New Form of Fast, Dry Yeast

MACA is a new form of yeast for home baking—new in name and form and in its combination of advantages. Announced in a restricted district less than two years ago, MACA demand has grown by figurative leaps and bounds. And this, mind you, with practically no sales effort or drive behind it.

What does this indicate? To us it seems an extraordinary endorsement of the product itself, mute testimony that housewives like it! Well, why do they like it so much? These may be the reasons:

(1) MACA is a dry yeast, yet it works fast. (2) It is keepable simply on the pantry shelf. That is, it retains its ferment quality for days or even weeks without refrigeration.

Women have written us that "MACA gave me my biggest thrill in 14 years baking experience"; that "MACA has the good points of both dry yeast and wet or 'fresh' yeast". Enthusiastic, genuine and honest expressions—maybe you'll feel the same way once you try MACA.

No tricks to work; no magic to perform; nothing new to learn. Just follow your favorite straight dough method and you should have successful baking results.

Try MACA YEAST today. You can get it at most grocers' or your store will gladly order it for you. If you want to try MACA before you buy, send the coupon below.

### FREE OFFER COUPON



The vitamin content of this yeast has not been affected in manufacture. Use Maca for any purpose for which any fresh or dried baking yeast is used.

**NORTHWESTERN YEAST CO.**  
1750 N. Ashland Avenue, Chicago, Ill.

KF 8-26-39

Please send me FREE and POSTPAID a regular size package of MACA YEAST and attractive recipe booklet.

Name .....

Address or R. F. D. ....

City ..... State .....

You may paste this on a penny postcard.

## What Is a Mother to Do?

By MRS. BEWILDERED

Children read so many child psychology articles these days I sometimes think they know more about themselves than we parents do. My neat, serious, little Peggy yesterday laid down a woman's magazine and regarded me with all the wisdom of her 12 years. "Mother," she explained patiently, "I wish you wouldn't always be asking the neighbor children in to play and feeding them cookies and stuff. They are going to catch on that you do it because you want to make me and this house popular."

I tried to convince her I had had no such idea—that I myself liked the play and the kitchen gatherings. From what she'd been reading, she thought I'd been trying to bribe the neighbor children into giving her a false popularity!

## Covers for Pan Holders

By KITCHENEER

If they are to be of real benefit hot pan holders must be fairly heavy; and, because of this fact, much to the dismay of homemakers, they are usually the last thing dry on wash day, necessitating just a wee bit more care and attention. Slip covers are the answer! I make pads from table padding, old Turkish towels or several thicknesses of any soft material, making them in plain or fancy shapes, then make covers to fit of gay print or plain material, perhaps binding the edges with con-

trasting bias tape, leaving an opening in the back thru which the pads may be slipped. These openings may be overlapped and fastened with snaps or merely "meet" being bound in bias tape. When the covers are soiled, off they come, are washed, dried in a jiffy, ironed and slipped on again to dress up the pads.

## That's What Love Is

By JIM'S LITTLE WIFE

My old-maid sister was married at Christmas time and I think I am showing remarkable self-restraint. For 15 years she has kidded me about the foolishness of love—because it made my husband think I was a "pretty little thing," the world's best cook, and the most clever woman in the neighborhood.

Daily I hear my new brother-in-law refer to his bride as "my little wife," and altho she weighs 185 pounds I never crack a smile. He wonders why I don't ask her for one of her good cake recipes—I, who taught her all she knows about cooking—and I tell him it wouldn't do any good for I just haven't the knack for cooking that Sis has. He is so anxious to meet his new mother-in-law, for he knows she must be a wonder; no common mother could raise such a wonderful daughter as the "little wife."

Sis's eyes follow her "big boy" proudly and possessively, and I—I don't even let on that I notice. That's just what love is, and Sis never knew it before, that's all.



## VICTOR CAKE FLOUR

If you want to bake those tender, even-textured, prize winning cakes try VICTOR CAKE FLOUR! You'll be thrilled with the results, the feather-lightness and fine grain. VICTOR CAKE FLOUR is extra fine—specially milled for the delicate, quick expansion of a cake mixture. It gives marvelous, uniform results and is very economical to use. Order a package of VICTOR CAKE FLOUR from your dealer today.



For real economy and satisfaction, get acquainted with all of the VICTOR foods—VICTOR Family Flour—VICTOR Cereals—VICTOR Pancake Flour and many others. Look for the name VICTOR on Foods—it is always your assurance of highest quality.

THE CRETE MILLS  
CRETE, NEBRASKA

Words	One time	Four times	Words	One time	Four times
10	\$ .80	\$ 2.40	18	\$ 1.44	\$ 4.32
11	.88	2.64	19	1.52	4.56
12	.96	2.88	20	1.60	4.80
13	1.04	3.12	21	1.68	5.04
14	1.12	3.36	22	1.76	5.28
15	1.20	3.60	23	1.84	5.52
16	1.28	3.84	24	1.92	5.76
17	1.36	4.08	25	2.00	6.00

You will save time and correspondence by quoting selling prices in your classified advertisements.

# FARMERS MARKET

**RATES**—cents a word each insertion if ordered for four or more consecutive insertions; eight cents a word each insertion on shorter order, or if copy does not appear in consecutive issues; 10 word minimum. Count abbreviations and initials as words and your name and address as part of the advertisement. When display headings and white space are used, charges will be based on 50 cents an acute line, or \$7 per column inch; five line minimum; 2 columns by 108 lines maximum. No discount for repeated insertion. Headings and signature limited to 24 point openface type. No cuts allowed. Copy must reach Topeka by Saturday preceding date of issue.

REMITTANCE MUST ACCOMPANY YOUR ORDER

## RELIABLE ADVERTISING

We believe that all classified advertisements in this paper are reliable and we exercise the utmost care in accepting such advertising. However, as practically everything advertised has no fixed market value, we cannot guarantee satisfaction. In cases of honest dispute we will endeavor to bring about satisfactory adjustment, but our responsibility ends with such action.

**PUBLICATION DATES:** Every other Saturday. Forms close 10 days in advance.

### BABY CHICKS

**Booth's Famous Chicks.** Strong, healthy, quick growing, excellent layers. From one of America's greatest breeding institutions, 10 varieties. Also sexed chicks. Reduced prices. Free catalog. Booth Farms, Box 911, Clinton, Mo.

**Reds, Rocks, Hampshires, Hybrids,** \$6.50 hundred; Leghorns, \$5.50. Jenkins Hatchery, Jewell, Kan.

### WHITE ROCKS

**Thompson Strain White Rock Cockerels,** \$1.25 each; 5 or more \$1.00 each. Mrs. C. S. Lawhead, LaCygne, Kansas.

### POULTRY PRODUCTS WANTED

**Eggs, Broilers, Hens Wanted.** Coops loaned free. The Coops, Topeka.

### PLANTS—NURSERY STOCK

**Chinese Elm Bargains** 100—1 to 1 1/2 foot for \$1.25 postpaid; 35—2 to 3 foot for \$1.00 postpaid; 15—3 to 4 foot for \$1.00 postpaid; 8—4 to 5 foot for \$1.00 postpaid. Strawberry plants (supply limited), 200 in either Dunlap or Blakemore for \$1.00 postpaid. Write for color price list of other bargains. Sarber Nursery Company, 3100 West 10th, Topeka, Kansas.

### SEED

#### Kansas Certified Seed

Field Inspected and Laboratory Tested. Wheat: Turkey, Kanred, Tenmarq, Blackhull, Kawyale and Clarkan. Alfalfa: Kansas Common, Grimm, Ladak. Bromo Grass: Kansas Smooth. Write for list of growers. The Kansas Crop Improvement Association, Manhattan, Kan.

**Alfalfa \$8.50; Sweet Clover \$8.00; Timothy \$2.25; Clarkan Wheat 90c; Missouri Beardless Barley 70c; all per bushel.** Ask for complete price list, samples and catalogue. Standard Seed Company, 19 East Fifth Street, Kansas City, Missouri.

**Hardy Reclaimed Alfalfa Seed,** \$9.90. Grimm Alfalfa \$10.90. Sweet Clover \$3.90. All 60 lb. bushel, track Concordia, Kansas. Return seed if not satisfied. Geo. Bowman, Concordia, Kan.

**Pure Certified Tenmarq seed** wheat of high germination and purity. Fort Hays Experiment Station, Hays, Kansas.

**Missouri Beardless Winter Barley,** 75 cents bushel. W. Canty, Buffalo, Kansas.

**Certified Tenmarq Wheat,** 90c bushel. Bruce S. Wilson, Manhattan, Kansas.

### LIVESTOCK REMEDIES

**Abortion protection** one vaccination. Government licensed vaccine; money back guarantee. Also horse sleeping sickness vaccine, western strain, chick. Free literature. Farmers Vaccine Supply Company, Department P, Kansas City, Mo.

### IRRIGATION SUPPLIES

**Well Casing and Irrigation Supplies.** Irrigation equipment now sold on Door Finance Plan. Easy terms, low interest rates. We finance the entire job; the drilling of an irrigation or a stock well, the purchase of casing, pipe, pumping equipment, all labor, everything complete. We are agents for Dempster Centrifugal pumps, Western Turbine pumps. Write us full details of your requirements, or come and see us. We can fix you up. A. A. Doerr Mercantile Co., Larned, Kansas. Phone 100.

### SPARROW TRAPS

**Sparrow Trap—Get rid of these pests.** Any boy can make 'em. Plans 10c. Sparrowman, 1715-A Lane St., Topeka, Kan.

### FISH BAIT

**Fish Bait—Over 20 recipes and suggestions—10c.** Fisherman, 1715 Lane, Topeka, Kan.

### MACHINERY

**Used and Rebuilt Tractors and Machinery.** No. 5 John Deere Combine on rubber, 12 Ft. Holi Combine, 26-in. Case thresher, 14-18 John Deere Power Hay Press, Midwest Limestone Pulverizer, Wallace 15-30 Tractor-F12, 15-30 McCormick Deering, Model B-D & GP John Deere Tractors. Used parts for D and GP John Deere Tractors. Several two, three and four bottom tractor plows. Two Letz roughage mills, 20 Disc Alfalfa drill, 12 H. P. Engine on trucks, 8 H. P. Cushman, 21 Ft. Model S, John Deere disc. Green Brothers, Lawrence, Kansas.

**One No. 361 Roughage Mill,** less grain separator, complete, used one season and in good condition, price \$265.00. One used No. 331 Letz roughage mill complete, less grain separator, reconditioned and in good shape for immediate service, price \$210.00. One No. 231 Letz roughage mill reconditioned, complete; this mill does not have separator, price \$125.00. Dixon Hardware & Implement Co., Junction City, Kansas.

**Fords Portable Hammermill Operators** make regular weekly net earnings, \$50, \$75, \$100 and more. Fords' exclusive Molasses Impregnator gives operators big competitive advantage. Equipment may be purchased 25% down, balance from earnings. Write for particulars about this safe, sure, profitable year-round business. Myers-Sherman Company, 1414 12th, Streator, Ill.

**Priced for Quick Sale—3 Bottom Grand Detour plow,** \$25.00; 4 bottom Grand Detour \$40.00; Case L. Tractor; 20-30 Rumber, Model D, John Deere; Fordson; 10 ft. Case Fertilizer Drill \$80.00. Converse & Sons, Eskridge, Kansas.

**Factory Rebuilt Hay Cutters,** silo fillers; sizes 12, 14, 16, 18 and 26-inch. Guaranteed same as new equipment. Smalley Corporation, Dept. K, Manitowoc, Wis.

**Richmans Hammermill—Farmers Price,** \$39.50; Tractor size, 8 and 10 ft. guaranteed same as too. Get our price. Link Company, Fargo, North Dakota.

**Used Tractors—Model L Case—also G. P. John Deere.** Good condition. See—write, C. L. Gnadl, Alma, Kan.

### TRACTOR PARTS

**New and Used Tractor Parts** at tremendous savings. Write for free 1939 catalog. Central Tractor Wrecking Co., Boone, Iowa.

### ELECTRIC FENCE

**Super Leads Field in Electric Fencing.** See our new line of 6 Volt and 110 Volt controllers. Latest developments in electric fencing exclusive with Super. Precision built for economy and long life. 5 year guarantee. Free booklet. Distributors, dealers wanted. Super Fence, AK-1510 Wabash, Chicago.

**Lowest Prices in the History of oldest established electric fence company.** Guaranteed fence controllers \$9.85. Complete line Wisconsin approved. Write for free, colorful catalog explaining why Coburn is cheapest to own. Coburn One-Wire Fence Company, 3589C Main, White-water, Wis.

**Big Money Being Made** by dealer agents selling Farmak Precision (now World's largest selling) Electric Fencer, 5 new models, \$9.90 up—30 day trial; protected territories; catalog free. Write today. Parker-McCrory Mfg. Co. Dept. 47KX, Kansas City, Missouri.

### BATTERIES AND LIGHT PLANTS

**Edison Storage Batteries** for lighting and power. Non-acid. Odorless. Fifteen year life. Five year unconditional guarantee. Reasonably priced. Tremendous savings in battery and light plant combinations. Free illustrated literature. See-Jay Co., 72 Sterling Ave., Yonkers, N. Y.

### PATENT ATTORNEYS

**Patents, Booklet and Advice Free.** Watson E. Coleman, Patent Lawyer, 724 9th St., Washington, D. C.

### HONEY

**Best Quality Clover Honey;** sixty pound can \$4.50. Clifford Overbaugh, Frankfort, Kan.

### PHOTO FINISHING

#### BIG THREE-WAY OFFER

Send your films to SuperFoto and GET THE BEST. Our Special FADEPROOF Automatic Controlled Process insures clearer, sharper lifetime prints, and more beautiful enlargements. OFFER No. 1—Any roll developed and 2 prints of each negative—only 25c. OFFER No. 2—Any roll developed and 2 Free 5x7 Special Enlargements of the 2 best negatives—only 25c. OFFER No. 3—Ten duplicate prints only 25c. Specify offer wanted. ALL WORK GUARANTEED. SuperFoto Films, Dept. 28-C, Kansas City, Mo.

**Roll Film Service** Developed and your choice, (1) 8 Finerfotos and 2 professional bromide enlargements; or (2) 16 guaranteed Finerfotos or (3) 8 Finerfotos and one beautiful oil colored enlargement, 25c. Order by number. Prompt service. Finerfotos, Box N-898, Minneapolis, Minn.

**16 Prints—2 free enlargements.** Special, get-acquainted offer: Any 6 to 16 exposure roll developed and printed with beautiful, guaranteed never-fade prints and 2 free enlargements 25c. Dean Studios, Dept. 2018, Omaha, Nebr.

**Prompt Service—Guaranteed work.** Two beautiful portrait type doubleweight enlargements, eight neverfade gloss prints, each roll 25c. Dubuque Film Service, Dubuque, Iowa.

**Free! Best Snapshot** on attractive photo button with 16 prints each roll 25c. Beautiful novelty premiums. Novel-Ad Company, AT3327 North Ave., Chicago.

**Prompt Service—Quality Work:** 2 beautiful doubleweight gloss enlargements, 8 guaranteed neverfade prints each roll, 25c. Excel Photos, Dubuque, Iowa.

**Rolls Developed—Two beautiful double weight professional enlargements, 8 Never Fade prints, 25c.** Century Photo Service, LaCrosse, Wisconsin.

**Rolls Developed, two prints each and two free enlargement coupons, 25c; reprints, 2c each; 100 or more, 1c.** Summers' Studio, Unionville, Mo.

**Roll Developed—8 Prints—free 5 x 7 enlargement all for 25c.** 24 hour service. Finest quality work. Superior Photo Service, Riverside, Ill.

**Fast Eight Hour Service.** Rolls developed, 8 prints, two snappy chromium finish enlargements 25c. The Picture Folks, Lincoln, Nebr.

**Roll Developed, two prints from each negative 25c.** One day service. The Midwest Studio, Box 667, Lincoln, Nebraska.

**Enlargement Free, eight brilliant border prints and your roll developed 25c.** Camera Company, Oklahoma City, Okla.

**Roll Developed, 8 prints, painted enlargements, 25c.** Reprints, 3c. Fast service. Janesville Film Service, Janesville, Wis.

**Life-time Photo Finishing—Roll developed, 8 prints, 2 enlargements 25c.** Life Photos, Hutchinson, Kansas.

**Mall Rolls or Reprints and 25c (coin) for 8 beautiful enlargements.** Garrett's, Pittsburg, Kansas.

**Guaranteed, 20 prints 25c.** Roll developed, 16 prints 25c. Quality Photo, Hutchinson, Kan.

**Beautiful Enlargement, dime and negative.** Giant Snapshots, Inc., Green Bay, Wis.

**16 Prints with Roll 25c; 16 reprints 25c.** Rex Photo, Ogden, Utah.

### EDUCATIONAL

No school advertising under this heading has any connection with the government.

**Auto Mechanics, Diesel, body, fender repairing, welding.** Low rates. Stevinson's, 2008-I Main, Kansas City, Missouri.

### AUCTION SCHOOLS

**\$100 Day Auctioneering.** Term soon, free catalog. Reisch Auction School, Austin, Minn.

**American Auction College,** 34th year, 4,400 graduates. Write. Kansas City, Mo.

### SILOS

**Portable Silos as Low as \$19.50 Complete** and fill in one day. Any capacity from 200 tons. Ideal for farms without silos. For silo plans, write today for booklet. Silo Sales Co., 207A Wacker Drive, Chicago.

### BURGLAR ALARMS

**Protect Your Chicken House from thieves.** Newly invented burglar alarm. No batteries, no electricity. Loud gong, works like a clock. Complete with instructions, only \$3.50. Sent C. O. D. The Night Watch Burglar Alarm Co., 1305 Wayne Avenue, Topeka, Kansas. Agents wanted.

### LEARN TO FLY

**Learn to Fly in three weeks \$50.00.** New airplanes; licensed government instructors; authorized airplane dealers. Topeka Flying Service, Municipal Airport, Topeka, Kansas.

### DOGS

**Hunting Hounds; Cheap.** Trial, Literature free. Star Kennels, B52, Herrick, Ill.

**English Shepherd Puppies.** Spayed females. E. J. Barnes, Collyer, Kan.

### TOBACCO

**Kentucky's Special—Guaranteed best mild smoking of red chewing,** 12 pounds \$1.00. Recipe, flavoring, box plugs free. Valley Farms, Murray, Kentucky.

### BUILDING MATERIAL

**Lumber and shingles, mixed car lots** direct from mill to consumer at remarkable savings. Send us your bill for estimates. McKee-Fleming Lbr. Co., Emporia, Kan.

### MISCELLANEOUS

**New York World's Fair cross-word puzzle.** Round, with pictures. Agents wanted. Send dime to Ebeling, 2966G-North 61, Milwaukee, Wisconsin.

### LAND—KANSAS

**160 Acres, 3 1/2 miles high school, good road; 80 in cultivation, 80 pasture, good buildings, \$21.** T. B. Godsey, Emporia, Kan.

**Farms, All Prices, in one of the best counties in the state.** No trades. B. W. Stewart, Abilene, Kan.

### LAND—MISCELLANEOUS

**Why Not Investigate the Federal Land Bank farms and ranches available in Kansas, Oklahoma, Colorado and New Mexico?** Their prices, convenient terms, and favorable interest rates now offer genuine farming and investment opportunities. No trades. Write for information and farm descriptions. Tell region interested in. Federal Land Bank of Wichita, Wichita, Kansas.

**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, Minnesota.

**The Great Northern Railway Serves an Agricultural empire** where rents, prices and operating costs are low in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. Write for free book. E. C. Leedy, Dept. 802, St. Paul, Minnesota.

**Big Bargains in Northwest Kansas and Eastern Colorado lands;** buy where land will double in value in the next few years. Kysar Real Estate Company, Goodland, Kan.

### REAL ESTATE SERVICE

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

## Sudan Silage Makes Milk

**SERIOUS** production slumps caused by moving cows off pasture in the fall may soon be a thing of the past, says Clarence Tangeman, of Harvey county. Last fall, Mr. Tangeman's herd of 25 cows were giving an average of 105 gallons of milk daily on Sudan and alfalfa pasture. He moved them off pasture and started them on Sudan silage and alfalfa hay with the result that production dropped only 3 gallons a day.

"There's nothing like Sudan silage to make cows give milk," he says. "That is the lightest production drop I ever experienced in taking cattle off grass." In his opinion, it is superior to corn silage for heavy milking but it must be accompanied by a generous portion of grain or the cows will lose flesh rapidly.

Last season, Mr. Tangeman harvested 80 tons of silage from Sudan that had been pastured earlier in the season. Part of the Sudan was put in the silo without the addition of molasses, and the remainder was supple-

mented with 40 pounds of molasses to the ton of Sudan. Mr. Tangeman declares he could see no difference in the quality or feeding value of silage containing molasses, as compared with that not containing molasses. This year he plans to add about 20 pounds of molasses to each ton of Sudan.

Mr. Tangeman praises Sudan for being useful to dairymen in other ways. "It is a versatile crop," he says. It may be used for pasture, hay, silage, seed, or for a combination of 2 or 3 of these uses. Besides, it is drouth resistant, and we can figure on a crop from it if we have a crop of anything.

The Tangeman Holsteins rank among the good producing herds in the state. Last year they averaged 406 pounds of butterfat.

—KF—

### Kansas Farm Calendar

August 28-September 2—Republic County North Central Kansas Free Fair, Belleville.

August 28-September 1—North Central Kansas Free Fair, Belleville.

September 4-9—Ford County-Great Southwest Free Fair, Dodge City.

September 4-9—Great Southwest Free Fair, Dodge City.

September 10-16—Kansas Free Fair, Topeka.

September 16-23—Kansas State Fair, Hutchinson.

September 26-28—Interstate Fat Stock Show, St. Joseph, Mo.

October 2-6—Kansas National Livestock Show, Wichita.

October 14-21—American Royal Livestock Show, Kansas City.

October 21-30—National Dairy Show, Golden Gate Exposition, San Francisco.

December 2-9—International Livestock Exposition, Chicago.

December 4-7—Denver Poultry Exposition, Denver.

**Kansas Beef Cattle Tours:**

August 25—Barber county.

August 26—Comanche county.

August 28—Ellsworth county.

August 29—Ellis county.

August 30—Russell county.

August 31—Lincoln county.

## Capper Publications, Inc. Bonds

A prospectus issued by Capper Publications, Inc., offers the readers of Kansas Farmer the following:

—\$5,000,000.00—

(1) First Mortgage 5 1/2 Per Cent Bonds payable in ten years.

(2) First Mortgage Five Per Cent Bonds payable in five years.

(3) First Mortgage 4 1/2 Per Cent Bonds payable in one year.

(4) First Mortgage Four Per Cent Certificates payable in six months.

The bonds are issued in denominations of \$100, \$500 and \$1,000, and the certificates are issued in denominations of \$50, \$100 and \$500. The present sale price of any of these bonds or certificates is par without premium or other cost.

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, copies of which may be obtained by writing to Capper Publications, Inc., Topeka, Kansas. Such requests will be answered promptly.—Adv.

**DUROC JERSEY HOGS**

**Purebred Duroc Sale**

On Farm 2 Miles North and 1 West of Andover, Kan.

**Monday, Sept. 4**

45 Bred Sows and Gilts. YOUNG BOARS ready for service. Offering double immunized and very choice. Location 10 miles east and 2 north of Stockyards in Wichita, Kan.

FRED D. WILSON, Owner  
Andover, Kan.  
Boyd Newcom, Auctioneer

**HOOK & SONS' DUROCS**

Fancy Duroc fall Gilts of the splendid medium type. Bred to two of the world's greatest boars, Times Gazette and The Winner, world's first prize boar. Also spring boars—gilts. Reg. Im. B. M. HOOK & SONS, SILVER LAKE, KAN.

**Reg. Durocs of Royal Blood**  
33 years a breeder of heavy boned, fancy spotted legged, easier feeding type. Superior spring boars and gilts shipped on approval. Photos. Everything immunized.  
W. R. HUSTON, AMERICUS, KAN.

**O. I. C HOGS**

**Pedigreed O. I. C. Pigs**  
HEAVY, BLOCKY TYPE.  
PETERSON & SON, OSAGE CITY, KAN.

**POLAND CHINA HOGS**

**50 Poland Boars and Gilts**  
First come, first served. Good ones, sired by LILY'S COACH (by Kansas Coach 3rd). Some by BLACK JOE. They are deep bodied and smooth. Rugged—the farmer's kind. Priced right for quick sale.  
Walter E. Johannes, Marysville, Kan.

**SPOTTED POLAND CHINA HOGS**

**For Sale: Spotted Polands**  
Spring Boars, best of bloodlines. Vaccinated and registered. Price \$15 each.  
HENRY BLETSCHER, BALA, KAN.

**HAMPSHIRE HOGS**

**HAMPSHIRE BRED GILTS**

Young Sows; well grown Fall Gilts bred to farrow in September and October; registered and immunized; Sows that have had one litter. Bred to Climmarin; son of Climmarin; and to Silversmith, fall son of Silver Chan. Buy the best where only the best breeders stock is used. **Quigley Hampshire Farms, Williamstown, Kan.** Mail address: St. Marys, Kan.

**Spring Boars and Gilts**

Picked from 300 head. Sired by a son of HIGH SCOTCH. Also others by KING FLASH and FANCY EMBLEM. Vaccinated and ready to go. Inspection invited.  
C. E. McCLURE, REPUBLIC, KAN.

**SWEET'S HAMPSHIRE HOG FARM**  
World Champ, bloodlines. Boars in service—Nr. Rider, son of Linc, 1938 World's Champ; Kansas Zephyr, son of the 1939 prospect, The Zephyr, Sows of Promoter, Peter Pan, and V-8. The Evidence bloodlines. Spring boars and gilts for sale at reasonable prices. All stock boars immune. Call or write. **H. C. Sweet, Stockton, Kan.**

**BERKSHIRE HOGS**

**Quality Berkshires**  
Reg. spring and summer boars and gilts. Also bred gilts. Good type, well grown, vaccinated.  
J. E. PREWITT  
Pleasant Hill (Cass Co.), Mo.

**AUCTIONEERS AND SALES MANAGERS**

**BERT POWELL**  
AUCTIONEER  
LIVE STOCK AND REAL ESTATE  
115 Lincoln St. Topeka, Kan.

**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, Kansas  
Jesse R. Johnson, Manager,  
Livestock Advertising Department

**IN THE FIELD**  
Jesse R. Johnson  
Topeka, Kansas

**FRED D. WILSON**, of Andover, near Wichita, has been breeding correct type purebred Durocs for several years. His annual sale will be held on the farm near Andover on Monday, September 4.

**H. B. WALTER and SON**, veteran Poland China breeders, of Bendena, will hold their annual sale on October 18. The Walters will have their usual good lot of boars and gilts for this occasion.

**J. C. BANBURY and SONS**, Polled Shorthorn specialists, of Plevna in Reno county, announce a public sale to be held on the farm near Plevna, October 26. The Banbury cattle will be on exhibit at Hutchinson State Fair.

**W. A. LAWELLIN and D. E. RICHARDSON**, of Oswego, announce a sale of registered Jersey cattle to be held in Oswego, October 5. About 75 head will be sold. Particulars regarding the offering will appear in later issues of Kansas Farmer.

The **FLINT HILLS HEREFORD SALE** will be held at Council Grove the last week in October. The management solicits a limited number of good cattle for the sale. Council Grove is located in the heart of the Flint Hills. Grass and rough feeds are plentiful and good prices are expected. For further information write at once to sale manager, H. O. Masterson, Council Grove.

**C. T. CONKLIN**, secretary of the **AYRSHIRE BREEDERS ASSOCIATION**, writes that the noted high producing Ayrshire cow, Byreholm Grace, will be exhibited at the Kansas State Fair and Kansas Free Fair. Arrangements have been made with the New York World's Fair management by which she can be released in time for the San Francisco National Dairy Show and make state fairs en route.

The **CK HEREFORD RANCH**, of Brookville, has grown rapidly in popularity because of the type of Herefords they have been producing. Since the last sale was held at this ranch many top individuals have been added from other herds to make the good cattle they have on the ranch a bit better. A constructive breeding program is being practiced, and Domino bloodlines are playing an important part in building better beef cattle at CK Ranch.

**NEBRASKA MILKING SHORTHORN BREEDERS** met at Seward recently, held a picnic and organized a statewide association. The following officers were elected: President, C. B. Callaway, Fairbury; vice president, Frank J. Hautmont, Broken Bow; secretary-treasurer, Arthur Sell, Millford. Breeders from 11 counties were present. The new organization starts with about 25 members. W. J. Hardy, of the American Record Association, was present, as was also Roy Cook, of Independence, Ia.

**W. A. DAVIDSON and SON**, of Simpson, write they were well satisfied with prices received at their recent Poland China sale. The top animal brought \$40, going to RAY SAYLOR, of Manhattan. About 50 head were sold at an average of almost \$20 a head. Club boys and breeders were the heaviest buyers. The top spring boar brought \$30, and went to A. L. AURER, of Rayenwood, Mo. Something like 400 buyers and interested spectators were in attendance and everyone showed interest in the offering.

One of the well known Kansas herds of milking Shorthorns that is making an extensive show circuit is the **JOHN B. GAGE** herd, of Eudora. The herd was shown last week at the Illinois State Fair, and the winnings were 5 first prizes, 4 second prizes, 3 third prizes and 2 sixth prize ribbons. This show is generally conceded to be one of the largest and strongest shows of the entire show circuit, and the winnings of this herd is commendable. The herd from Duallyn farm will be seen at the Topeka and Hutchinson fairs.

The **BROOKSIDE FARM** established 30 years ago by the late Thos. D. Marshall and for years well known as headquarters for high class Jersey cattle and Percheron horses, is now operated by **MARSHALL BROTHERS**, sons of the founder. The Jersey herd now numbers 50 breeding cows with Raleigh Mas' piece and Raleigh Dalrylke Majesty in service. Much of the younger females are now bred to Primary Dairy volunteer, bred by Hallmark farm. His dam is a R. M. cow with a record of 407.47 pounds butterfat. The herd is located at Sylvia.

**FRED V. BOWLES**, owner and manager of the Oread Milking Shorthorn herd at Walnut, has made definite progress in his breeding operations since I last visited the farm a couple of years ago. The herd of large-framed but rather low-set cows are uniform, and a dozen calves in the calf pasture have straight lines and carry a lot of dairy conformation. Beef type has not been eliminated as in some herds. The above calves were sired by the present herd bull, Ann's Andy, out of an R. M. daughter of a son of Holland Marshall. The herd is kept tuberculosis and abortion tested, and calves go from this herd and make good in new hands.

I have just received an interesting letter from **FRED STRICKLER**, Ayrshire breeder. The letter was written from New York where Mr. Strickler was a guest of the Firestone Company. He was invited there along with other champion farmers for a 2-day visit to the fair. Mr. Strickler says, "We really had the key to New York City and the fair." He goes on to tell how the crowds waited while he and the others went thru the exhibits. Big banquets were held and pictures taken with Irene Brown, the girl that fed and developed the International steer. Mercer, Mr. Strickler says, "This vacation has helped me over my trying time of the loss of my brother, Lawrence."

With splendid enthusiasm, **W. A. HEGLE** and his 2 small sons are moving toward a definite goal in the breeding of registered Polled Milking Shorthorns. The herd has been largely built from a foundation of Whitehall Sultan breeding founded by Mr. Hegle's father more than 35 years ago. In laying the foundation his father, however, selected outstanding cows from a beef standpoint with good udders. Upon this foundation has been erected a dual purpose Shorthorn milk cow. This has been done by using bulls bred deep in milk production. On

the farm there are now 2 crops of heifers and the cows bred again to the big red bull, Woodside Thor, bred by W. C. Woods, of Indiana.

**J. E. PREWITT**, Berkshire breeder of Pleasant Hill, Mo., has had many Kansas inquiries about his breeding stock and has sold a number of this breed to Kansas buyers. Today, with good roads and fast transportation, distance is not a big obstacle in selecting breeding stock. Mr. Prewitt would almost be considered a Kansas breeder as he is just over the Missouri line and just a short distance southeast of Kansas City. Mr. Prewitt states there is a strong demand for Berkshire boars for cross breeding purposes.

I have had another fine visit with the veteran Polled Hereford breeder and leading citizen of Marion county, **J. B. SHIELDS**. He lives on the farm where he located more than 55 years ago. The Hereford herd was established in 1906, and a few years later, soon after the Polled Association was founded, he began breeding and developing Polled Herefords. At this time Shields is really one of the oldest continuous Hereford breeders in America. His sons are associated with him in the business. They have heading the herds, bulls and females bred deep in Anxiety and one double Domino herd bull. About 75 females are now in breeding on the farms. The Shields farms are located near the town of Lost Springs and that is their address.

**CLARENCE C. ERICSON and SONS**, located near Elmora in Allen county, specialize in breeding registered Aberdeen Angus cattle. Mr. Ericson first became interested in this breed, seeing what Angus bulls accomplished when mated with high grade Holstein cows. The ranch has been named Double X Bar Ranch. Mr. Ericson says the limestone soil on this place grows the best possible grasses, native bluestem mixed with side-oats grama. The present herd bull, Elba of Lone Jack, is a double bred Earl of Marshall. The females in the herd are Elbas, Prides, Ericas and Black Caps. The Ericson family are enthusiastic and much in earnest. The cattle are having good care, and bulls bred on the ranch are much in demand.

The **W. A. DAVIDSON and SON** Poland China sale, of August 10, was unique from the standpoint of a Poland show. Farmers of the territory, not having had time to adjust themselves to the drought which destroyed the fine corn crop coming on the heels of declining prices, bid satisfactorily but not high. During the sale the 1,000-pound first prize Nebraska Fair boar, D'S Pathfinder, was brought into the ring followed by younger boars, one of them his own son and a candidate for honors at the best shows this year. Then the 900-pound dam of the pig was shown. The beautiful Solomon Valley where the Davidson farm is located is one of the most productive valleys in Kansas. Had the sale been held following a big corn crop, price records might have been broken. The Davidson Polands will continue to hold the spotlight just as they have for nearly 40 years. See them at the fairs next month.

While prices seemed low there was no apparent lack of interest in the Houston type Duroc on the part of the big crowd that assembled at the **W. E. HUSTON SALE** August 9. Discussions as to the relative individual merits and breeding qualities of the different boars indicated the great interest W. R. Huston has been able to arouse in the rather distinct type of Duroc he has originated. With no sign of complaint and with his usual calm Mr. Huston watched the 40 head of Durocs pass thru the ring at an average price per head of \$30. The top was \$54. About 400 buyers and visitors were present. Something like one-fourth of the hogs went to Missouri, a few to Oklahoma. The rest stayed in Kansas, many of them going to old customers. N. L. Bogard and Son, of Kearney, Mo., topped the sale on boars, and James Carter, of Richmond, Mo., bought the top sow. Among the Kansas buyers were Ray Hanna, Clay Center; Otto Wenrich, Oxford; Rogers and Son, Junction City; Clarence Miller, Alma; H. J. Vath, Buhler; T. B. Hoffman, Herington; Henry Stunkle, Belle Plaine, and H. A. Stewart, Topeka. Bert Powell and Col. Bell were the Auctioneers.

**Public Sales of Livestock**

- Poland China Hogs
  - October 2—A. L. Wiswell & Son, Olathe.
  - October 13—Bauer Bros., Gladstone, Nebr.
  - October 14—C. R. Rowe, Scranton.
  - October 18—H. B. Walter and Son, Bendena.
- Duroc Hogs
  - September 4—Fred D. Wilson, Andover.
- Shorthorn Cattle
  - October 28—Bellows Bros., Maryville, Mo.
  - November 1—Southern Kansas Shorthorn Breeders, Wichita. Hans Regier, Whitewater, sale manager.
  - November 11—Tomson Bros., Wakarusa.
- Guernsey Cattle
  - September 28—Southeast Guernsey Breeders Assn., Parsons. Lester Combs, secretary.
  - November 6—Central Kansas Guernsey Breeders Assn., Salina. Roy E. Dillard, manager.
- Polled Shorthorns
  - October 26—J. C. Banbury and Sons, Plevna. (Reno Co.).
- Brown Swiss Cattle
  - October 16—G. D. Sluss, Eldorado. V. B. Vye, Waukesha, Wis., sale manager.
- Jersey Cattle
  - October 5—W. A. Lawellin and D. E. Richardson, Oswego.

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**LOOKOUT FARM, LAKE GENEVA, WIS.**

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**BROWN SWISS BULLS**

For sale, from calves to serviceable ages. 150 head in herd. D.H.I.A. records.  
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From cows with records up to 1,018 lbs. fat. We have the highest producing herd in United States, averaging 658 lbs. fat.  
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**HEGLES' Polled Milking Shorthorns**

Red and Roan Bulls, best of type. Sired by our top red bull—WOODSIDE THOR MX 1787488 (bred by W. C. Woodside of Indiana), out of good production dams, giving from 5 to 6 gallons of milk. Bulls priced from \$90 to \$100. Come and see our new roan bull—Maplewood Diamond Boy, from the M. Rest herd in Indiana.  
**W. A. HEGLE & SON, LOST SPRINGS, KAN.**

**Duallyn Shorthorn Farms**

Bulls 2 months up, out of Record of Merit cows. Prize winners at International and in steer carcass contests. Real double deckers—beef and butterfat.  
**JOHN B. GAGE, EUDORA, KAN.**

**Purebred Milking Shorthorns**

Sixty purebred Milking Shorthorn females for sale. All ages. Finest breeding. Cows or write.  
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Bulls from tested cows. Also yearling and bred Heifers. Approved bloodlines.  
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**KENNETH R. SPENCER, ST. JOHN, KAN.**

**KANSAS FARMER**

Publication Dates, 1939

August	12-26
September	9-23
October	7-21
November	4-18
December	2-16-30

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These cows are regular producers, are 5 years of age and a uniform group. Cows and calves priced at \$150, springing cows at \$125. We invite inspection.

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# STRAW FOR YOUR BROOM

By ROY FREELAND

I'LL bet you can't name the machine in that shed by the barn." This challenge came from O. C. Jackson, of Elsmore, during a visit with Mr. Jackson in his front yard last winter. His challenge was immediately accepted, for what farm raised boy does not feel qualified to identify almost any farm implement used within the borders of his native state?

But, what a job it turned out to be! Once inside the shed we came upon a machine which seemed to resemble a cross between a spike tooth harrow and a threshing machine. Thoroughly enjoying the perplexed condition of his visitor, Mr. Jackson came to the rescue, explaining that his machine was a broom corn "scraper" or "stripper."

Sure enough, we were in the heart of a broom corn producing region extending over a radius of several miles there in the southeast corner of Allen county. Mr. Jackson, one of the oldest

head is cut off and pulled out of the boot. Heads are laid on the broken stalks or "table" to dry for a short time before being hauled in. Every other "table" is a "pile table," leaving spaces between for wagons to pass thru.

Loading is accomplished by 2 men, one loading from each side of the wagon. Each load contains more than 2 bales of 300 pounds each.

Next, comes the process of scraping, in which broom corn seeds are removed from the heads. After the seeds are gone the brush is carried to drying racks where it is allowed to cure for about 10 days. The final process is that of baling, and then the crop is ready for market.

Broom corn is not a high-paying crop and it requires hours of tedious work. At the same time, it has several features which appeal to the producers in this area. Being a sorghum, broom

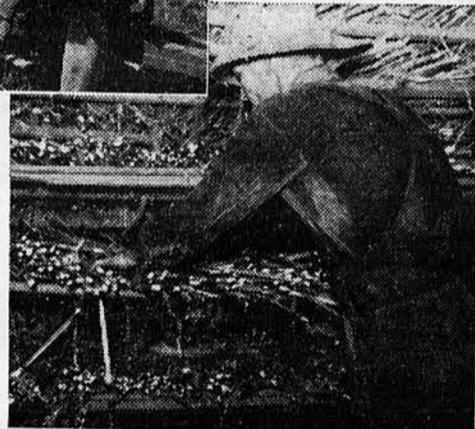


Left—Scene in a field of broom corn that has been partly tabled and cut. Heads are piled on the "tables" made by walking between 2 rows and breaking or bending the stalks diagonally across each other. Harold Swanson, Elsmore, is the owner of this field.

Right—From the "tables" broom corn heads, or brushes, are hauled in for scraping. In the picture, Oliver Trast puts the final armful on a load, as C. E. Walgren prepares to "crawl on for the ride in." Both men are from Allen county.



Left—Scraping, or stripping, removes the seeds from the broom straws. The man with his knee in the air is carrying away a bundle of straws as they come from the machine.



Right—Direct from the scraper the brushes are spread on racks to dry for about 10 days before they are baled. Harold Swanson is doing the job here. After baling, the broom straw is ready for market. Kansas has the largest broom straw market in the world.

and most enthusiastic growers of the crop, invited a return visit this summer to see the broom corn harvest.

It requires a lot of hand-labor, this work of our native Kansans who do their bit in keeping housewives of our country supplied with good brooms. The first operation is that of tabling, which consists in walking between 2 rows of broom corn and breaking or bending the stalks diagonally across each other, forming a so-called table of the 2 rows. The "table" is from 2½ to 3 feet high. When broken in this manner the heads extend beyond the rows that form the edges of the "table." The next operation is that of cutting. The brush or

corn is a hardy crop, and is a reasonably safe bet for some cash income. It provides good roughage for livestock and it leaves large amounts of humus for soil improvement.

Prices vary from year to year. This season the farmers in Allen county are expecting \$80 to \$90 a ton for their broom straws. The average yield this year is expected to exceed a ton to 5 acres.

Kansas now ranks fifth among the states in broom corn production, and in the past has ranked as high as second and third. The most important broom corn producing area is in the Southwest part of the state.

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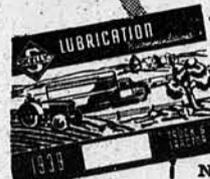
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