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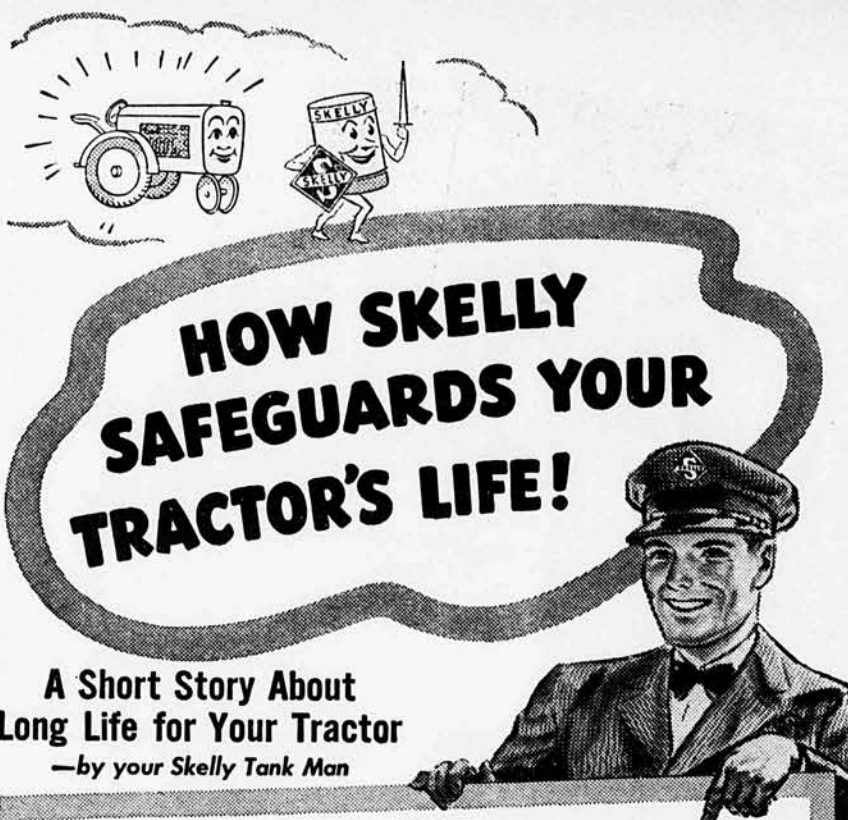
# KANSAS FARMER

MAIL & BREEZE



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## HOW SKELLY SAFEGUARDS YOUR TRACTOR'S LIFE!

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Skelly's modern Tractor Maintenance Plan means lubrication that's *right* for your tractor. The *right* lubricant in the *right* place at the *right* time! An important factor in longer tractor life!



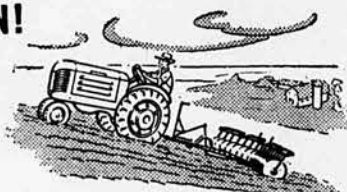
### 2. GUARANTEED PRODUCTS!



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Ask him about Skelly's Tractor Maintenance Plan next time he stops by. It's a practical plan that means proven protection for the money you have invested in your tractor. And it's backed by Skelly's famous line of Tagolene Oils and Greases, guaranteed to satisfy or your money back!

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## Members Praise Service

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

**T**HE problem of preventing loss by theft is one of interest to all farmers. These questions and comments from our readers over Kansas are printed with the hope they may help others solve their problems:

#### You Should Name Suspects

"Two car motors and half a 2-row weeder were stolen from my farm. I have notified the sheriff and given names of the suspects. Is this the proper way of turning in stolen property?"—J. A. Snow, Rt. 2, Liberal.

Yes, your sheriff or other local officer should be notified as soon as you discover a theft. It is perfectly in order for you to give reasons why you believe a certain person or persons may have taken your property. The officer, then, is to use his judgment.

#### Believes Publicity Helped

"It is hard for me to express my gratitude to the Protective Service for announcing over the radio the theft of my car. The car was found a few miles from Argonia. Apparently, it was abandoned for lack of fuel."—H. I. Johnson, Rt. 3, Cedar Vale.

#### Reward Depends on Sentence

"My husband's green plaid jacket was stolen. If the persons who took it are caught and sentenced, will there be a reward paid by the Protective Service?"—Mrs. Merle E. Hensley, Winfield.

No definite answer can be made until the thief is convicted and sentenced to prison. A Protective Service reward does not become due until the guilty person begins serving a prison sentence of at least 60 days.

#### Did Thief Get Cold Feet?

"My level, which was stolen recently, was returned, also a pair of pliers which had been gone 4 months. The party who stole them must have heard the Kansas Farmer Protective Service broadcast."—C. A. Rudolph, Lebo.

#### You Set Law Into Motion

"I am writing in regard to a tapestry which was stolen about a week ago, valued at \$15. I just wondered what the Kansas Farmer Protective Service would do about it?"—Mrs. H. O. Haines, Sharon.

The Service Member whose property is stolen is the one to take the first action. By reporting promptly to your officers, you set the law into motion. The Protective Service reward offer is made to encourage farmers to notify officers of crimes promptly.

#### Service Is Not Insurance

"I am writing about a man who came here and stole some hay while I was away. I know who the man is, and he has told another man he got the hay. Will the Protective Service help me to get pay for this property?"—Mrs. Katie Kennevan, Rt. 1, Olpe.

The Protective Service does not promise to reimburse members who lose property by theft. Our main interest is the prosecution of the thief. If you have the thief sentenced to prison, you would be in line for a reward.

#### He Found Marking Helpful

"Recently, I noticed several of my chickens were gone. I set out at once for Baxter Springs, but had no luck in locating the poultry. Then, I went to Galena where I found my chickens and had no trouble in recovering them, for when I told the produce man that they were marked with my Capper mark and showed him my card, he was



more than willing to give them up. As yet, the sheriff has not caught the thief, but we have some clues that may lead to his capture. I wish to express my thanks for this service which is free to your readers. It saved me 147 pounds of chickens. I have all my property marked now."—R. B. Nelson, Galena.

#### Thinks Service Wonderful

"I wish to thank Kansas Farmer for the reward, paid for the capture of the thieves who stole chickens from me. Everything was handled entirely to our satisfaction. I think the Protective Service is wonderful and everyone should use your marking system. My husband and I both enjoy the Kansas Farmer and read it as soon as it arrives."—Mrs. W. M. Ocker, Furley.

#### Helps Control Crime

"Mr. Cassity, your district manager, was here one day last week with your letter and reward check of \$25 for which I want to thank you. I appreciate the way you handled things and the stand you take in paying rewards for prison sentences. The Protective Service is surely playing a large part in helping control crime. I am passing part of the reward on to Mr. Codek who found my car."—Noble Bacon, South Haven.

#### A Definite Help

"I thank you very kindly for the Kansas Farmer reward check and wish to state at this time that the entire matter was handled to my complete satisfaction. I think the Capper Protective Service Marking System is a wonderful help, due to the fact that it is a mark of identification and very definitely so. It allows immediate check-up, which is always a benefit to the law-enforcement officers. At your service."—Leo Frederick, Deputy Sheriff, Medicine Lodge.

#### Well Pleased With Service

"I received the Kansas Farmer reward for \$25 in the rope stealing case. The thief implicated another young man who was also convicted and given 90 days. I am sure well pleased with the Capper marking system and your prompt remittance."—E. H. Thompson, Bronson.

To date, in its war on crime, Kansas Farmer has paid a total of \$30,387.50 in rewards for the conviction of 1,281 thieves who have stolen from posted premises of members.

#### Calf Gains

Better pastures and more rapid calf gains are sure to mean more profit to the cattlemen. For that reason, 2 invaluable leaflets for the cattle raiser are "Better Pastures on Kansas Farms" and "Creep-Feeding—A Profitable Method of Beef Production." For your copies send a 3-cent stamp for each to Farm Service Editor, Kansas Farmer, Topeka. Please print name and address.



## Listening in on

# FEED CROP TALK

By ROY FREELAND



"Right down to the sorghum roots," is this conversation between Dave Langhofer, of Meade county, right, and J. E. McCollm, county agent. They are discussing ways to "get the most from your sorghum crop."

LEANING against a nearly empty silo, or lounging at the base of an old feed stack, you can always hear some lively and heated discussions during feed crop planting season. With prospects for more than 3 million acres of grain and forage sorghums in Kansas this year, now is a good time to "tune in" on some of these farm-born arguments.

Probably the most freely expressed opinions deal with time and rate of seeding and value of different varieties as livestock feed. These topics usually lead to the question of whether best silage and fodder come from fine, leafy forage, thick on the ground—and finally, where is most of the food value, in the stems or in the leaves.

During a recent rainy day in Edwards county, many of these points were covered by Cecil O. Fisher, who raises sorghums on 400 to 500 acres each year. Mr. Fisher has never had a failure, even in the most extreme drouth years, and he credits this success to late planting, at a light seeding rate on well-tilled soil.

Mr. Fisher's sorghum crops follow wheat. Immediately after harvest he lists the ground. This land is then tilled for weed control the remainder of that summer and during the following spring. Mr. Fisher emphasizes that the best time to kill weeds is before the sorghum crop has been planted. In accordance with this, he never plants before June, and he considers June 1 to 20 the most desirable time. "I usually finish planting sorghums just in time to hook on to the combine and begin wheat harvest," he explains.

Mr. Fisher usually plants 3 to 4 pounds to the acre. He finds lighter planting rates help assure maturity of the crop, and he considers maturity a big factor in having high quality feed. With silo capacity for 460 tons, Mr. Fisher is always assured of feed for his extensive cattle feeding operations. In addition, he usually has feed for sale as a cash income. Last winter, he had a surplus supply which was sold at \$6 a ton. Having yielded 5 tons to the acre, the sorghum crop brought a return of \$30 an acre, in a year when wheat was nearly a complete failure in that area. Mr. Fisher grows Leoti Red and Atlas sorgho for forage, and Finney milo for grain.

FARTHER west, in Gray county, Lee Russell and O. W. Wooden agree with Mr. Fisher that lighter planting rates make for higher yields and better quality feed. In this connection, Mr. Russell brings up the old argument of whether leaves or stems of forage are more valuable as feed. Contrary to what many of us have been thinking, Mr. Russell believes that most of the value of sorghum forage is found in the stems.

He gives convincing experience to prove his contention. Last year, Mr. Russell planted Kansas Orange at a heavy seeding rate. Because of insufficient moisture, the crop never completely matured and, altho the forage was exceptionally fine and leafy, Mr. Russell's cattle did not like it.

Another field on the Russell farm was planted

to Blackhull kafir, seeded at the rate of only 2½ pounds to the acre. The kafir plants matured and produced a light grain crop of 7 or 8 bushels an acre. After the grain was removed the kafir forage was used for feeding. The stalks were coarse, and few leaves were present, but cattle ate it with relish, cleaning up every part of the stems. This convinces Mr. Russell that it pays to seed light, to be sure of mature, healthy stems for palatable, nutritious forage feed.

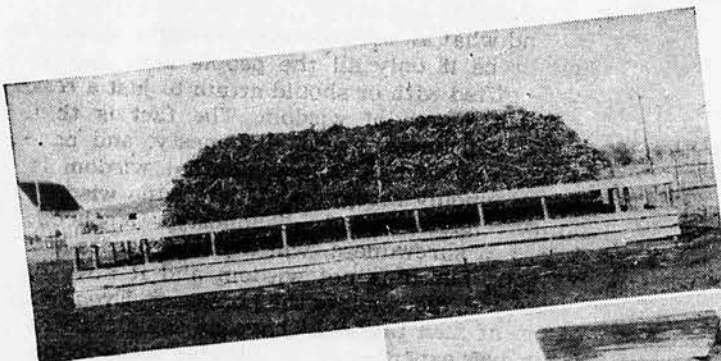
His opinions are substantiated by A. L. Clapp, secretary of the Kansas Crop Improvement Association, and by palatability tests conducted at the Hays Experiment Station. Mr. Clapp declares there is no area in Kansas where sorghums should be seeded heavier than 3½ pounds to the acre, under dry land farming practices. He considers 2½ to 3 pounds about right for most areas. Mr. Clapp considers that much of the general complaint about poor quality of forage last year could have been avoided by thinner seeding, so the plants could

have a better chance to mature properly.

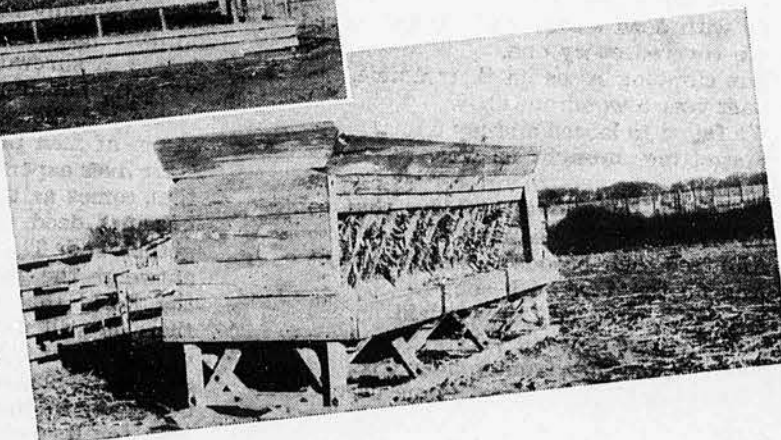
This dovetails right in with palatability experiments at Hays. In these tests, cattle were allowed to decide for themselves just what kind of forage they would eat. The observations, made by A. F. Swanson with co-operation of L. C. Aicher and H. H. Laude, indicated rather definitely that stems rather than leaves are most important in determining the value of fodder and silage.

This is just opposite the situation of grass and legume crops, because grasses have a hollow stem and must store food in the leaves. But the sorghums, closely related to sugar cane, can utilize the pithy stem as an ideal place to keep the food supply.

You can think of each sorghum plant as a food factory which makes and stores sugars and starches. Leaves serve as assembly rooms, and the work is done by the green coloring matter in these leaves. With a rare talent all its own, this green chlorophyll manufactures carbohydrates from [Continued on Page 16]



An abundance of feed on the ground testifies that wastage is heavy when this type of feed rack, right, is used. Construction of the rack makes it easy for cattle to pull feed out and drop it on the ground.



Feed racks like this one, left, have proved most satisfactory in reducing feed wastage at the Hays Experiment Station.



# Comment

By T. A. McNeal

IT HAS been 30 years since Norman Angell wrote his book, "Great Illusion," in which he argued that every war between nations resulted in not only loss of life but loss of material wealth to both nations. He was ridiculed, but the soundness of his reasoning is now generally acknowledged. The World War fully demonstrated that the victor in a great war generally suffers as much, and sometimes more, than the defeated nation. While the position occupied in that war by the United States was peculiar in that we demanded no damages or indemnities from Germany, we did provide the most stupendous proof of the truth of Norman Angell's contention.

We entered that war with virtually no public debt, less by considerable than one billion of interest-bearing debt. We came out of it with a debt of 26 billion dollars. We had lost in killed, wounded, or permanently disabled, approximately 160,000 fine young men. We had lent to our war allies 10 billion dollars, now grown to more than 11 billion dollars, of which we will never recover a single dollar. We had increased our public debt per capita of a trifle less than \$12 in 1916, to \$246 per capita in 1919, just after the actual fighting had ceased. Since 1919 the debt has increased from approximately 26 billion dollars to more than 45 billion dollars.

In other words, we have multiplied our public indebtedness by 24 and we are still piling up the debt by more than 4 billion dollars per annum and spending nearly \$2 for each dollar we collect in the way of revenue.

If we have received any benefits from that war I am unable to see them. But, on the other hand, we are economically and politically in much worse condition than we were at the beginning of that bloody controversy.

If the present war continues for a number of months, and still more if it continues, as it may, for 2 or 3 years, altho we may not be actually engaged in the fighting, we will have suffered irreparable loss in the way of trade and commerce. If the war lasts, as it may, for 3 or 4 years, all Europe will be prostrate and bankrupt.

If Hitler wins, instead of the German people being better off, they will be as great sufferers

as the nations which will suffer defeat. What few shreds of individual freedom they may still possess, if they do possess any, will be utterly destroyed and subjected to a despotism more oppressive than any the German people have suffered since the first governments were established in Germany.

They will actually be in worse condition, in all probability, than the people still living in the nations which will have been conquered. The moral progress of the world will have been set back a thousand years.

The other day I met a smiling young father. He told me that he was the father of a beautiful and healthy baby boy. He naturally believed that this baby was at least equal in every natural qualification to make a useful and proud American citizen. The proud young father was distributing cigars among his friends and acquaintances.

I congratulated him, but as a matter of fact I wondered secretly whether he and his young son were to be congratulated or commiserated with. Is this bright and beautiful baby to grow to manhood in a civilization completely dominated by the theory that might makes right and in which, unless he happens to belong to the dominant few who will hold the places of authority and unbridled power, he will find that the individual liberty which has been the proud boast of his ancestors, will be merely a tradition. He will belong, probably, to a form of government where everything will be regimented and regulated by military power and the lot of the masses will be to toil or beg for a bare existence. I congratulated the proud father because I am unwilling to even imagine the hell that will cover this world if the worst that may happen, does happen.

There is an abundance of material out of which an artist can paint a picture of future beauty and comfort. A future in which war will actually be abolished. A future in which the false theory that might makes right will not only have been abandoned but regarded with horror. A future in which the greed for money and ambition for great power will be succeeded by an ambition to attain reasonable comfort, joined by a greater ambition to make the world more beautiful and all mankind more comfortable and happy.

And what an entrancingly beautiful world it might be if only all the people born into it were gifted with or should attain to just a reasonable degree of wisdom. The fact is that folly, selfishness, greed, dishonesty, and passion so abound in this world that wisdom is not commonly recognized. There is no wisdom in selfishness, greed, dishonesty, falsehood. There is shrewdness, which often passes for wisdom, but it is not wisdom and it always, in the end, disappoints the possessor. Even the worst of men probably have at some time in their lives experienced the genuine satisfaction that comes as the result of a really generous, unselfish deed, for I hold that no man is altogether bad. The bad may, and often does, so outweigh the good that it would be better for the world that the evil man were dead. But there is still the almost dead seed of a good impulse. But even the good people who constitute the majority do not possess the wisdom necessary to cultivate and develop that feeble seed for its fullest attainment.

And it must be admitted that the people called good are not altogether good, and many of them are woefully lacking in wisdom. They are in the majority but have never yet shown the wisdom and ability necessary to make a well-governed world.

Here is this beautiful baby and his doting parent. I hope for the best, but I know that he has not more than a 50-50 chance to obtain success and happiness in a world full of greed.

## Outlaws in 5 Years

WHAT is lawful as to a promissory note? A and B signed the note. Can C collect interest on said note if A and B have all the stock mortgaged on a note at the bank? Is such a note outlawed after so long if nothing is paid on it?—Subscriber.

I assume this note signed by A and B was a note given to C and you ask whether C can collect interest on the note in case all the stock of A and B is mortgaged to secure a note at the bank.

Of course, if A and B gave C a note, assuming that the note is valid, C can collect interest if A and B have anything with which to pay interest, or property on which he can levy if they do not pay the interest. If this property is all encumbered by a chattel mortgage to secure another note, he cannot take the property which is held by this chattel mortgage.

A note outlaws in Kansas in 5 years from the date of its maturity if no payments are made on such note either in the way of principal or interest.

## How Can I Collect?

A COUPLE of years ago I worked for a grocery store and saved \$97.50. I asked the manager to let me keep it in the safe in the store. When I went to get the money he said he had spent it. How can I collect this money?—H. F. H.

This was very clearly a breach of trust. You turned this money over to this party to keep for you temporarily, he agreed to take it, and then wrongfully spent it. I am afraid the court would hold it could not be held to be embezzlement under the statute. But there is no question but what you can recover your money in a civil suit if he is financially liable and if the suit is brought within 2 years from the time he wrongfully spent your money.

## THE KANSAS FARMER

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## First Thrills of Spring

By ED BLAIR  
Spring Hill, Kansas

We planted with the old-time zeal  
Our small potato patch;  
For lettuce, too, we found a place  
And vowed our wits would match  
The sudden changes that might come  
With winter hanging on,  
By covering against a freeze  
At night or early dawn.

The early flowers, too, we found  
Could not resist the sun,  
So with dead leaves that we had saved  
We covered every one.  
But climbing roses on their frame,  
Last year a wondrous show  
We failed to loosen and lay down!  
Forgetting, brought us woe.

But when folks love the birds that come  
To work and help along,  
And feed their broods on pests we fight  
And fill the days with song—  
We feel a hundred times repaid  
For what we do each year,  
Please listen now from yonder tree,  
"Come here! Come here! Come here!"



# Farm Matters

WHAT will be the final outcome of the present European war is beyond possible prediction at this time. But whatever the outcome, we will face a new world when this war is over. And it will not be the kind of world we would like to see.

Britain and France are still fighting, backs against the wall, as I write these lines. Russia and Italy are watchfully waiting—Italy apparently to rush to the aid of the victor, as soon as victory is assured; Russia with growing alarm at the impressive march of the German mechanized forces thru the Lowlands and thru France, toward the British Isles.

In the Orient, too, is a power to be reckoned with. Japan may be expected to seize what looks like the psychological moment to strike, with the purpose of eliminating Western nations from the Orient.

What part the United States will take in the coming months in these developments in the Old World is causing real concern to all of us. There are two schools of thought.

One group believes that America's future depends upon the success of Britain and France in breaking the power of Germany.

Another group believes that the United States can best serve its people and, in the long run, civilization itself, by proceeding to make the Western Hemisphere impregnable against possible—perhaps in time probable—attempts at conquest by European powers or even a tacit combination of European powers with Japan.

Both these groups, I believe, are united in one respect. They are for an immediate and determined effort to strengthen our own national defense, especially in the air and in mechanization of the army.

To accomplish this national defense program, the essential step is to tie in our vast potential industrial strength with the national defense program.

In the matter of appropriations for national defense, I do not believe there is any question of what Congress will do. Whatever funds the President asks for national defense will be voted by the Congress.

I shall go along on this program. Where the national security is concerned, we cannot afford

to run any risks. Too much is involved. In a world of force, we must be prepared to meet force with force. We must bend every energy to make the force we can exert greater than the force that may be used against us.

I am strong for adequate national defense. But I want it plain that the objective of this program is defense of the United States and its interests, and of the Western Hemisphere and its interests. I am opposed to intervention in the European war; it would just mean participation in every major European war from now on. It would be the end of freedom, the end of Democracy, in the New World.

I also believe firmly that here in the United States we should retain the two-party system of government. The one-party system is the assurance of a totalitarian form of government.

A national defense council, formed entirely outside of, and without regard to, party lines, is distinctly advisable. This council should be composed of leaders and experts in finance, industry, labor, agriculture, with its objective the co-ordination of all our activities toward the objective of national defense.

Those branches of agriculture engaged in the production and marketing of crops for export are going to require more, rather than less, government aid during this emergency. Just what form that will take will depend upon developments as they occur.

Secretary of Agriculture Wallace already has found it necessary to obtain from the Boards of Trade an agreement to stop short selling by prohibiting futures sales below the levels of May 18. This action followed destructive price declines that were wrecking wheat prices, particularly. Secretary Wallace also has announced wheat loans.

The present situation made it all the more imperative that the parity payments appropriation be included in the farm supply bill.

## Better Farm Living

I HAVE been interested in the spread of dairying over Kansas. Of course, this can be overdone. Almost anything can be overdone. Excesses in dairying are as bad in their way as excesses in debt, and in government spending. But I say again, as I have before, that regardless of peak numbers of dairy cows on U. S. farms, and despite peak output of dairy products, still more Kansas farms need dairy cows.

Dairy cows mean better living for the family. Certainly, nothing can replace milk and dairy products in good, healthy living. With enough cows for the home dairy supply, the living becomes more stable. Immediately the crop acres take on better balance. Promptly, some of the land is turned to feed crops that very likely have soil-building ability. And I think it will not be disputed that cows themselves are soil builders. Cows can help immeasurably in bringing back to fertility, that half of the land in the U. S. which, admittedly, has been damaged by erosion. And they can help keep other good farms from going to ruin.

Whenever we talk more production in any agricultural line we bump into that difficult problem of finding a market. My first thought, of course, is to feed every farm family better by having at least a few cows on every Kansas farm. I realize that 87 per cent of our Kansas farms now are in the milk-producing class; yet, I still contend that more of them ought to be for the sake of family health. I know, too, that Kansas is among the first dozen or so states in dairy production. I hope we improve that position, because dairy cows provide a ready market for diversified feed crops in Western Kansas as well as in Eastern counties.

The question of what to do with increased production over and above family needs is a tough one. There is some encouragement in the opportunity of improving the quality of our output and then merchandising our better dairy products in such a manner that they will gain better advantage in the market.

*Arthur Capper*

Washington, D. C.

## FROM A Marketing VIEWPOINT

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

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

Will German occupation of Denmark and Holland affect prices of dairy products in this country?—M. C. Riley Co.

Yes, it probably will. Denmark and Holland have been 2 of the largest exporters of dairy products. Large quantities formerly sent to England will now go to Germany. As a result, England will turn to this country for part of her dairy products. As in the last war, the concentrated milks probably will be exported in largest quantities. The extent to which this increased foreign demand will increase prices of

dairy products is unpredictable as no one knows what course the war will take.

I would like to know what the near future wheat price is going to be.—A. R., McPherson Co.

Since the sharp break in wheat prices, it is probable that the low price has been reached. It is expected that prices will recover somewhat by harvest. If the winter wheat crop is smaller than is now expected or if business conditions improve, recovery in wheat prices might occur rapidly.

I have 30 head of early spring lambs weighing about 80 pounds. Should I sell now or wait?—A. R. P., Jefferson Co.

If your lambs are in fair to good flesh, you probably will find it advisable to sell as soon as possible. A substantial drop in prices is expected soon. California marketings have been delayed

by unusually favorable feed conditions, and a relatively heavy "clean-up" movement is expected during the next 2 weeks. Furthermore, a larger than

### Trend of the Markets

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

	Week Ago	Month Ago	Year Ago
Steers, Fed	\$10.50	\$11.40	\$10.35
Hogs	5.65	6.10	6.60
Lambs	11.25	11.15	10.35
Hens, 4 to 5 Lbs.	.12½	.13½	.12
Eggs, Firsts	.14	.15½	.13½
Butterfat, No. 1	.22	.23	.20
Wheat, No. 2, Hard	.84	1.07	.81
Corn, No. 2, Yellow	.69½	.70½	.52
Oats, No. 2, White	.36	.42	.35½
Barley, No. 2	.55	.57½	.44½
Alfalfa, No. 1	17.50	17.50	12.00
Prairie, No. 2	9.00	8.50	8.50

usual per cent of these lambs are expected to be in slaughter condition. An increase in the movement of early lambs from the Corn Belt and relatively heavy shipments of Texas yearlings also are probable. The seasonal trend of spring lamb prices from May to June in recent years has been distinctly downward and this season probably will be no exception.

What should I do with my wheat since the price has gone down so much?—J. R., Nemaha Co.

With the fixing of a minimum price, the announcement of the wheat loan for 1940, and the reduction in the volume of open interest on the futures market, it looks as if the low point in prices has been passed. Prices probably will recover by harvest. If the winter wheat crop is small, they may strengthen considerably in the next few weeks.



# LAMBS GO TO SCHOOL

## And Masters Compete for Prizes

**M**ORE than 400 Kansas spring lamb producers brought entries of lambs and wool from 57 counties to make the 1940 Kansas Lamb and Wool School the biggest ever held. This year's school, the fourth of its kind, was held at Kansas City, May 16 and 17.

As explained by Carl G. Elling, extension sheep expert and general organizer for the schools, the Kansas City event served as a final to 67 county lamb and wool schools held thruout Kansas this spring.

At each of these events lamb producers brought in their top 5 lambs for selection of a choice group to compete at Kansas City. A wool show was also held with each school, and many wool and lamb grading contests were held.

When the top county groups met at Kansas City, 10 select groups on foot were chosen for the judging of carcasses. In carcass form, the first prize group of 5 was a pen owned by Leo H. Hostetler, of Harper county. They had been produced from crossbred Western Shropshire ewes, mated with a purebred Shropshire ram. The lambs were raised with their mothers on good pasture with supplemental creep feeding. Mr. Hostetler believes in a planned pasture program. He uses Sudan, rye, wheat, and barley in his pasturing system.

Second place group was shown by Richard Hollway, of Mitchell county, and third prize went to E. J. Proffitt, of Rice county.

George Brady, of Dickinson county, is owner of the fourth group, while Locke Hershberger, of Ellsworth county, had the fifth prize group. Mr. Hershberger explains his lambs were fattened almost entirely without grain, with their mothers running on excellent pasture. Since this group of lambs had the highest dressing percentage of any group in the show, 58.07 per cent, they proved that ewe's milk, produced by good pasture, is a perfect food for fattening top lambs.

Other winners in the top 10 groups included the following: Clarence Cox, Kiowa county; G. G. Ginther, Russell county; Russell Wilcox, Shawnee county; Alfred Suelter, Lincoln county; and C. B. Keaner, Osage county.

All lambs exhibited were sold in an auction sale, and the average price paid for all except the top 10 groups was \$11 a hundred. According to previous agreement, the 10 best groups sold at \$1 a hundred higher than the other lambs, or \$12.

This year's wool show featured 117 fleeces, and the champion over all was a ram fleece exhibited by J. M. Deakins, of Gridley. E. W. Maxwell, of Fredonia, won first in both the fine wool and the 1/2-blood classes, and F. W. Cox, of Prescott, claimed the blue rib-

Co-operative marketing of wool is a feature of the Pawnee County Sheep and Wool Growers Association. This shows a "loading out."



Jim Buster and his son Clayton, outstanding spring lamb producers, were hosts to the 1940 Pawnee County Lamb and Wool School. The picture shows Clayton examining finish of the lambs. Sixty-seven such schools were held in Kansas this spring.



bon in the 1/4-blood division of the wool show.

Earl Bushnell, of Coffeyville, last year's grand championship winner, won first and second places in the 3/4-blood class. Mr. Bushnell also exhibited the second prize ram fleece.

An important feature of all the schools is contests and demonstrations to help sheep growers learn how to grade and care for their wool, so they can get the most profit from it. A wool judging contest at the Kansas City school was won by Walt Scholfield, of Redfield. J. R. Clark, of Paxico, was second, and L. E. Heywood, of Bronson, ranked third.

Dan Arnold, general manager of the Midwest Wool Marketing Association, declared the wool brought in by these Kansas sheep producers would be a credit to any state in the country. It was reported that at the time of the show, this organization had received 650,000 pounds of wool from Kansas sheepmen already this year. That was nearly half the total amount of wool received, even tho this plant serves an area of 6 states.



Harper county's delegation at the Kansas Lamb and Wool School inspect the 5 lambs, from that county, which later ranked as the best carcass group in the contest. Left to right, W. E. Gregory, county agent; Elmer Thompson, John Titus, J. M. Hilts, and Mrs. Gregory. Leo H. Hostetler, of Harper, is owner of the lambs.

## Write for Dealer's Name

Any young farm boy interested in the Ford farm management course and its possible rewards, who does not know the name of his nearest Ford tractor dealer, should write to Kansas Farmer, Topeka, Kansas. The name will be sent to you promptly, and it will save you much trouble in locating your dealer.

Along with the straw they were given a light amount of cottonseed meal. Straw was baled in the field by moving a portable baler from one bunch to another. Ed Richardson and R. V. Cottrell are among other Meade county stockmen who save their wheat straw for feeding purposes. Mr. Richardson has found satisfactory results can be obtained from leaving straw bunched in the field for cattle to eat, out in the open.

## Diseases on Way Out

Last year was the fifth consecutive year of accreditation for Kansas in the fight to control cattle tuberculosis. Only .62 of one per cent of the cattle tested in 1939 were found to be infected. Every county in the state was accredited for the fifth straight year in 1939.

Bang's disease is also fighting a losing battle in Kansas. In 1939, for the fourth straight year, every county in the state was represented in the campaign to stamp out the disease. The number of cattle tested is gradually declining, as is the per cent of reactors being found. Last year, only 4 per cent of the cattle tested were found to be diseased.

## Sheep Program Spreads

Sheep and wool production program of the Kansas State Extension Service was presented to farmers in 99 Kansas counties last year. Lambs were marketed on a graded basis in 52 counties. Almost 2,000 4-H Club members were enrolled in sheep projects in 1939.

## Sheep Return 100 Per Cent

Nick Heitschmidt, Osborne county, has made a remarkable record with his flock of sheep this spring. Having more than 300 ewes, he obtained and saved a lamb crop of more than 140 per cent. This man's sheep investment has returned well over 100 per cent in profit.

## Saving Straw for Feed

Many thrifty farmers in Western Kansas consider that wasting perfectly good wheat straw is plain farm extravagance. They point out that straw can be saved rather easily by pulling homemade constructions behind their combines, in which the straw can be caught.

Earl Lupton, of Gray county, saves his straw by collecting it on strips of corrugated roofing which are pulled directly under the straw outlet of the combine. These strips are fastened on 2- by 4-inch runners. Ropes and slats over the top of the roofing strips, are used to unload the straw at corners of the field. These are fastened at the rear end of the sled, and unloading is accomplished by one man at each side holding the ropes at the front corners. As the combine moves, the straw is rolled back off the sled.

When straw is light on the ground, unloading at 2 corners may be sufficient. Straw bunched in this manner may be stacked in the field or it may be hauled in for winter feeding. Last year, Mr. Lupton found his straw highly valuable in wintering cattle and sheep.

In Meade county, J. D. Gollhofer wintered 100 head of cattle on 100 tons of straw collected behind his combine.

## SEE NEAREST FORD TRACTOR DEALER!

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## THE HAND OF THIS FRIEND IS THE HAND OF OPPORTUNITY

PERHAPS at this very moment a responsible, friendly businessman in your community is shaking hands with a young man you know.

He is the local man who sells the Ford Tractor with Ferguson system, and he is marking one more ambitious young man for a career, in the name of, and as a part of, the NATIONAL FARM YOUTH FOUNDATION.

This Foundation was established to make genuine opportunity for young men, wherever the mails can reach, something real and personal, here and now.

The plan of the Foundation goes to the heart of the real problem that faces young men in rural communities: getting a start in life.

It meets that problem with the three fundamentals which are necessary equipment for every young man whatever his ambitions or talents. These are: Specialized education, personal training, and practical experience.

Diligence in acquiring these three fundamentals, particularly because of the manner in which the Foundation makes them available, will reward every qualified Member of the Foundation with such added ability and with such esteem and respect in his own community that employment is sure to be more easily found.

But the NATIONAL FARM YOUTH FOUNDATION also has established a large number of Special Awards for those who are most diligent in their training. A glance at the complete

details given elsewhere on this page will show that 58 of the awards are actual salaried jobs.

Several thousand young men have already been accepted as Members of the Foundation. They are ready to begin the very wonderful correspondence course with La Salle Extension University. They are ready also to receive the personal training and business experience under the friendly guidance of a successful and respected businessman in their own community.

Additional young men can still be accepted for membership.

We who are responsible for the Ford tractor with Ferguson system have established the NATIONAL FARM YOUTH FOUNDATION because we believe in the land and in the men on the land.

The future of the land is in the hands of the young men, of our rural communities. It is our hope that the aims and the plans embodied in the NATIONAL FARM YOUTH FOUNDATION will open the floodgates of opportunity to farm youth everywhere.

### The NATIONAL FARM YOUTH FOUNDATION

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



### NATIONAL FARM YOUTH FOUNDATION

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

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

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

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

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

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

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

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

**How to enroll:** The local dealer who sells Ford tractors with Ferguson system will take your application if his local class is not filled. If you do not know who he is, write NATIONAL FARM YOUTH FOUNDATION, Box 329, Dearborn, Mich. Nothing has to be paid, or bought, or sold.



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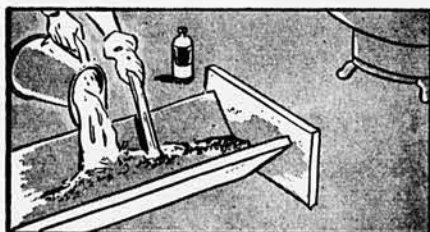
# "MY CHICKS WERE DYING LIKE FLIES!"



"My chicks were coming along fine until—all of a sudden—coccidiosis began to kill them off. I had to do something to save the rest of my flock—but just what?"



"The Dr. Salsbury dealer recommended treatment by putting Dr. Salsbury's Rakos in the grain, and by spraying litter thoroughly with Dr. Salsbury's Mite-O-Cide."



"I did like he told me—mixed Rakos with ground grain and gave it to the chicks according to the instructions on the bottle. I hoped I wasn't too late to help them!"



"I wasn't! Most of the chicks that received the Dr. Salsbury's Rakos treatment came through the outbreak, and are now coming along fine again. What a relief!"

## COCCIDIOSIS Calls for QUICK ACTION!

This is the season for coccidiosis! Watch out for signs of this dreaded disease. Be prepared to act quickly in case of trouble. Keep a bottle of Dr. Salsbury's Rakos on hand for prompt treatment whenever needed.

Dr. Salsbury's Rakos is a scientifically blended liquid flock treatment that

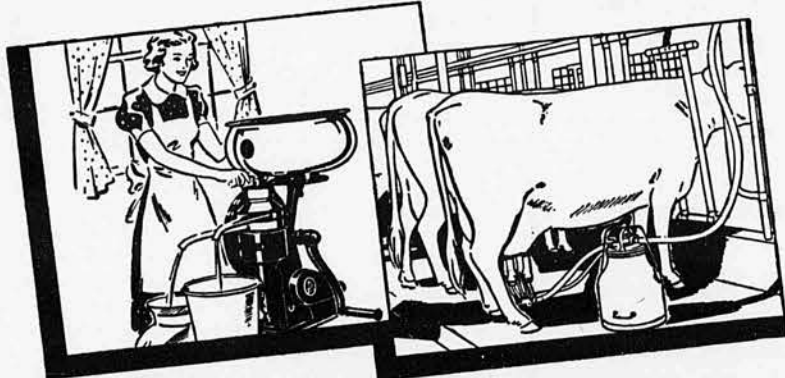
mixes readily with ground grain or other scratch feed. May also be used in the drinking water.

Get a bottle of Dr. Salsbury's Rakos today. See your Dr. Salsbury dealer, who may be a hatcheryman, druggist, feed or produce dealer. Dr. Salsbury's Laboratories, Charles City, Iowa.



# Dr. Salsbury's RAKOS

LIQUID TREATMENT FOR COCCIDIOSIS



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NO other equipment will give you as much profit and pleasure as De Laval Cream Separators and Milkers.

De Laval Separators skim cleaner, run easier and last longer than any others—and soon pay for themselves. The De Laval Milker will milk your cows better, faster and cleaner than any other method, and likewise pays for itself.

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## DEFYING DISEASE

### With Feed and Care

ANY poultry raiser who stays in the business for any length of time will be confronted with some disease problems in their flocks. Some folks view the loss of 2 or 3 hens with great alarm, altho there is no evidence of any serious disease problem. All hens cannot live to a ripe old age any more than can humans. There are bound to be some deaths among the flock, perhaps due to heart diseases, cancer, liver disorder, or from injuries. We can expect such losses even in small flocks.

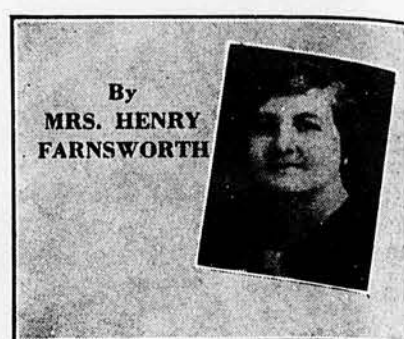
In larger flocks of several hundred, due to a larger number being housed together, the losses from these unavoidable diseases may be greater. To hold these losses as low as possible we must depend on sanitation, good feeds, regular care, and good feeding practices. We can build up the vitality of the flock thru hatching only from hens that have lived to be 2 or more years old. This will give chicks that have the ancestry of strong disease resistance, altho, of course, such breeding will not be a total protection from infectious diseases with which they may be brought in contact, such as chicken pox, roup, colds, or coccidiosis.

As an example of what healthy parentage means, pullorum disease has been completely controlled in some flocks by testing and breeding flocks, carefully and frequently, and removing all reactors. If such a program is carried out for several years, we may expect chicks that are free from this disease.

Location of poultry buildings have something to do with healthy stock. This applies to permanent buildings as well as to the summer shelters or brooder houses that may be moved to clean range. Any poultry building is better located if it has as dry ground as possible surrounding it, and if it can have some shelter from extreme weather conditions, such as high winds. Low, damp locations may be the cause of continual colds and roup. If there are trees or larger buildings that can provide a shelter, so much the better.

Inside arrangements of the houses may have something to do with the health of the flock. All fixtures should be arranged so that in cleaning they may be removed and sprayed, or at least thoroly cleaned and sprayed inside. Perches should be of a uniform size that are suitable for poultry. Two-by-two-inch material makes light but substantial perches, and the corners should be rounded to make them easier to grasp without causing bruises.

Clean ground is a blessing to the poultry raiser. Worm infestation, cholera, and tuberculosis are aggravated by soil that is infested year after year.



By  
MRS. HENRY  
FARNSWORTH

And do watch to see that there are no stagnant pools or mud puddles on the clean range. Such places are a continual menace to chicks after every summer rain. Provide water to the flock in containers in which as little outside dirt can enter as possible, and wash out daily, scald once a week, and keep filled with fresh, cool water.

Remember, lice and mites are two of the greatest pests to fight during hot weather. They are a drain on the vitality and may cause many unsuspected losses. Mites hide in cracks and crevices in the house, especially around and under the perches, crawling out at night to suck blood from their victims. We hear them referred to as the little red mite, but, in reality, they are gray until they become filled with blood which gives them their red color. Two good sprayings a year will keep mites under perfect control if good material that will last is used, and the work done thoroly. For lice, one may use the old reliable sodium fluoride as a dip, or the more modern method of painting the perches with a nicotine sulphate preparation.

As a health precaution which comes under sanitation, keep all sick chicks isolated if they are considered valuable enough to doctor, but 9 times out of 10 better kill and burn.

There is still time to hatch chicks, and the June chicks can be raised at a minimum of expense. Plenty of warm sunshine and hot nights, which are usually the case in June, do away with expensive heating. Where records have been kept it has been found that June pullets cost 20 cents less to the pullet to rear than do April-hatched ones. Ideal growing conditions must be provided, and plenty of feed, water, and tender greens if one expects rapid growth and early maturity.

Chiggers are one pest that have wrought havoc with some of our late-hatched chicks, but this may be controlled by keeping the chicks confined to brooder houses until they are 6 or 8 weeks old, at which age they can resist them to a greater extent.

## F. F. A. Presidents Confer



National F. F. A. president, Ivan Kindschi, confers with Kansas president-elect, Raymond Kaup, and 4 past presidents of the Kansas association, together with the state adviser and the state executive adviser. Left to right—Raymond Kaup, Smith Center; Ivan Kindschi, Prairie du Sac, Wis.; Prof. A. P. Davidson, Manhattan; Albert Coates, Shawnee Mission; Walter Porter, Council Grove; L. B. Pollom, Topeka; John Dean, Ottawa; and Paul Kelley, Solomon. They met at the recent convention in Manhattan.



# Spray Controls Leafroller

By JAMES SENTER BRAZELTON

IF WE follow recommendations to the letter there is no question but that we can control strawberry leafroller," said Oscar Schuler, one of the large strawberry growers in the famous Wathena district. During the last few years the leafrollers have been serious pests in the 5- and 10-acre patches around Wathena, and in many cases the yield has been decidedly reduced because of the attack of these culprits.

However, Mr. Schuler and his neighbors have obtained some excellent results in controlling leafrollers by properly-timed sprays. Early in May a pre-bloom spray was applied. This consisted of 1½ pounds of lead arsenate plus 1 pint of summer spray oil mixed with 50 gallons of water.

In the sprays that followed, 40 per cent nicotine sulphate at the rate of ½ pint and 1 pint of summer oil emulsion to 50 gallons of water was recommended. This, the growers applied 3 times at 5-day intervals as soon as the first hatching larvae were noticed. This insecticide combination, used to control the first generation of strawberry leafroller, has given 90 to 98 per cent control, they say.

For the second and third generation, 3 applications of lead arsenate at the rate of 1½ pounds plus 1 pint of summer oil emulsion to 50 gallons of water are made at 10- to 14-day intervals as soon as the first hatching larvae are noticed in each generation.

Much of Mr. Schuler's farming operations are carried on in partnership with his brother, Dewey, and some of the farm land is jointly owned. The old strawberry patch comprises 8 acres, but they set out 5 acres more this spring. It will not be long now until from 40 to 60 pickers may be seen on their knees in the Schuler berry patches. They receive 40 cents for every crate they pick. To receive and pack the berries brought in by this army of pickers it requires at least 4 industrious workers in the packing shed. All of Mr. Schuler's strawberries are bought by the Ramsel Fruit Co., at Blair.

The biggest day's picking Mr. Schuler has ever had was one day 2 years ago when 190 crates were trucked away from the farm. That year growers received more for their berries than they did last year, the price on this peak day being \$3.50 a crate. Many crates sold for \$4 that year.

Mr. Schuler believes strawberries and poultry make an ideal combination and he now has his brooder houses filled with 1,450 White Leghorns. He has housing facilities for 3,000 birds and never allows a building to stand only partly filled. Most of his poultry products are marketed by means of a

retail route in St. Joseph, which is followed every Friday, summer and winter, rain or shine. On these trips he takes orders for dressed birds from his customers to be delivered the next time. Mr. Schuler milks 5 cows, and 20 sows farrowed on the farm this spring. In addition to the strawberry and poultry projects, the 2 brothers raise 40 acres of wheat, 25 acres of corn, and there is a 10-acre plot of alfalfa. Oscar also owns a 6-acre orchard and keeps from 12 to 15 hives of bees.

Besides Oscar and Dewey there are 2 more brothers, Milton and Henry. All live in what is known as the Schuler Neighborhood. All are progressive farmers and all go in for strawberries on a large scale.

It is believed by most growers that the leafroller can be more easily controlled than can the strawberry weevil, a pest which threatens many patches in the Wathena district this year for the first time. This new outlaw is a reddish brown or blackish snout beetle. Strawberry patches in the vicinity of woods and thickets seem more heavily infested than do patches out in the

open. The weevils hibernate under rubbish, it is said, so it is advisable to see that there are no brush-filled ravines near the strawberry patch. The damage is caused by a puncture in the blossom stem just at the base of the calyx which causes the unopened flower to wither and die. It seems that a blossom is never attacked after it is out in full.

Mr. Schuler observed that great changes have taken place in the marketing of fruits and vegetables in recent years. This is especially true of strawberries, he said. The marketing season of this fruit has been extended by freezing. Overripe and slightly off-grade berries are utilized by cold-pack plants where they are stemmed, washed, sorted, and have blemishes removed before being packed into 5-gallon tins or 50-gallon barrels and placed in cold storage. Fresh frozen strawberries are in demand by ice cream manufacturers the year around, and they are used in the preserving trade.

The Schulers and all the strawberry growers around Wathena know what it is to be caught with a lot of soft berries on their hands after a prolonged wet spell. Shippers will not take waterlogged or overripe berries at any price and the St. Joseph market is quickly

saturated and the price drops to almost nothing. Mr. Schuler believes it would mean dollars in the growers' pockets if a freezing plant were available in times such as this. If Wathena is to keep pace with the modern marketing trend a quick-freezing plant must be provided, it is the opinion of many of the most progressive growers.

## French Buy Horses

Three representatives of a French purchasing commission are making headquarters in Fort Scott while they purchase mules and horses in Kansas for the Allied Armies.

## Wheat Acreage Same for '41

Wheat acreage allotment for 1941 will be the same as in 1940, or a total of 62 million acres, the AAA recently announced. It also announced there will be no marketing quota proclaimed for wheat this year. Kansas has been allotted 12,798,697 acres. Since the 1941 state allotments are made on the basis of the state's average for the 1930-39 period, and the 1940 state allotments were based on the 1929-38 period, the state, county, and farm allotments in 1941 may not in all cases be the same as in 1940.



Farmall-B and No. 16-B Mower. This mower and the No. 16-A for the Farmall-A have a "V-belt drive," operated from pulley on power drive shaft. Quiet, flexible, efficient.

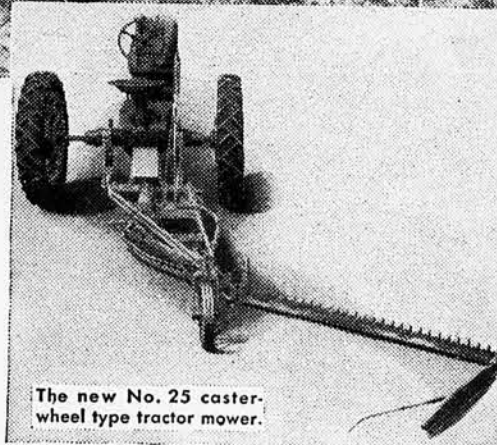
**H**AYMAKING hits new highs in efficiency this year with the modern McCormick-Deering Hay Tools designed to match the speed and performance of the new Farmall Tractors.

Two new mowers for Farmall-A and Farmall-B lead the parade. You'll want to see them and try them in your fields. They whirl along behind the Farmalls at speeds up to 4¾ miles an hour. Another new machine is the No. 25 Tractor Mower. It is easy to attach and detach, fits practically any farm tractor, and is an ideal all-around mower. Quick-attachable mowers are also available for the Farmall-H and Farmall-M.

This year, too, we introduce the McCormick-Deering Pickup Baler, a handy, time-saving machine that picks up and bales the hay as you drive along down the windrow.

The complete McCormick-Deering line includes mowers for both horse and tractor operation, dump rakes, tedders, side-delivery rakes, loaders, green crop loaders, stackers, hay presses, and hay choppers. Be ready to go when haying time comes around. See the International Harvester dealer now.

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



The new No. 25 tractor wheel type tractor mower.



Left: The fast way to make light, airy windrows... a new Farmall and McCormick-Deering Enclosed-Gear Side Rake.

Ask about the **NEW**  
**MCCORMICK-DEERING**  
**PICKUP BALER . . . Bale hay**  
"on the move." Choice of 2 sizes.

# MCCORMICK-DEERING

## HAY TOOLS

## Sorghum Production

As sorghum is one of the most important crops for feed, readers will find this Kansas Agricultural Experiment Station bulletin No. 265, of much interest. Some of the subjects considered in the booklet are preparation of the seedbed, cultivation of sorghum, planting sorghum, adapted varieties, harvesting, sorghum growing for hay, growing Sudan grass, and many others, with several illustrations. For a free copy of this bulletin, and the other three listed below, please address your request to Bulletin Service, Kansas Farmer, Topeka. Order by number, please.

- No. 282—Soybean Production in Kansas.
- No. 194—Roadside Marketing of Horticultural Products.
- No. 284—Poultry Diseases, Their Prevention and Control.



## New Tractor Sweeprake

Bucks Hay or Grain Bundles  
Field to Stacker, Barn or Thresher



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

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### MIDWEST BINS & CRIBS

All steel, fireproof. Safe storage for both grain and corn. Can be sealed for loans. 7 sizes, 500 bush up. Agents wanted. Write for particulars.

Midwest Steel Products Co.  
728D Delaware, Kansas City, Mo.

# Lucky Spot in the Milky Way

By RAYMOND H. GILKESON

KANSAS belongs to the "Milky Way." That doesn't mean we are up in the air in the dairy business; fact is, we are right down to earth. The score to date shows that 87 farms out of every 100 in our grand total of 175,000 are in the milk-producing class. This means something like 151,844 farms are contributing to the 3,025 million pounds of milk being produced in Kansas during one year. Those are 1938 figures, the latest available, and they show an increase of 216 million pounds over the 2,809 million pounds produced the year before.

Apparently, the hard years culled out low producers, or their owners did, because 805,000 cows in 1937 produced less milk and butterfat than 765,000 cows produced in 1938. Number of cows likely will show an increase for 1939 and for 1940, and production also should be higher. Along with this, a good many farm folks admit that a

great deal more milk and cream and butter should be consumed right on the farms. That not enough farm tables have gallon milk pitchers. Milk within reach in larger quantities might boost its consumption on the farm.

At any rate, that is the way it works in certain cities. Several large milk dealers decided to sell milk in gallon jugs, especially among the lower income classes of people. In St. Louis, the gallon containers were offered on the market-wide basis in July, 1938, and the half-gallon in May of 1939. Average monthly consumption in 1937 was 507,732 gallons; in 1939 it was 560,310 gallons, an increase of 10 per cent.

First year the gallon containers were offered, the total volume sold at retail in this manner was only .54 per cent. In 1938 it had risen to 3.21 per cent. Last year 11.9 per cent of all milk consumed was sold in that city in gallon containers. This indicates the growing popularity in this one market of the gallon container for milk. Maybe there is a point in this for Kansas dairymen. Perhaps it will work on more individual milk routes. Some dairymen have been using the idea a long time.

One dairyman suggests that his type of farmers have spent so much time on the production end of their job that they have neglected the marketing and selling end. And he is looking for ways of cutting the cost of distribution. "Why," he asks, "can't one truck make a route for all producers instead of having a dozen cover the same territory? And with modern refrigeration, why should it be necessary to deliver milk twice a day; why not every other day?" Of course, there are a dozen different answers for those questions—most of them good ones. Down at Kansas City, one outfit has been trying out a plan of eliminating the Sunday delivery. It may be worth testing in Kansas.

Checking back over official Board of Agriculture figures gives a fine picture of dairy progress in the state. Away back in 1867 Kansas was credited with 82,000 milk cows. Every year then up to 1889 there was a steady increase until the milkers counted up to 653,000. Then a setback occurred, starting in 1890, lasting thru 1896 when the number dropped down to 575,000 head. A gradual increase set in the next year, 1897, and carried the number of cows up to 700,000 by 1910. Then the number of milkers dropped off 25,000 head during 1911 thru 1914. With 700,000 head again in 1915, the cow population climbed up to 967,000 head in 1934. What a year 1934 proved to be! Not to mention 1936! At any rate, by 1938 we had culled down to 765,000 head, but, as already stated, the quality has improved.

Kansas holds the lucky position of 13th in the list of important milk-producing states. There are about 13,817,000 acres devoted to dairying, and these acres annually are responsible for about \$5,389,000 in taxes. Dairying pro-

## June Dairy Month

To promote increased sales of dairy products during the flush season of the year, Kansas dairy interests are again sponsoring plans for June Dairy Month. More than 10 national dairy products organizations and foundations are backing the program. Many restaurants, hotels and dairy products dispensaries are planning to enter into the program. Governor Payne Ratter will issue a proclamation officially designating June as Dairy Month. All effort is being put forth to bring the attention of consumers to the valuable health-giving properties of milk and to make people more milk-minded.

vides a living for something like 569,415 folks on farms; 2,500 in dairy manufacturing plants and 4,000 cream buyers.

Take the cow out of the Kansas farm picture and immediately 457 dairy manufacturing plants would close down and reduce the buying power of those plant workers by 2½ million dollars. But that is only a drop in the bucket compared with the 41½ million dollars Kansas farmers would lose. The dairy investment in Kansas amounts to more than a half billion dollars.

By far the largest Kansas dairy product is butter—61,801,053 pounds a year, valued at \$16,068,274, and accounting for 59.6 per cent of the milk and cream output. Milk sold at retail takes 14.4 per cent of the total supply and brings in \$3,875,000. Condensed milk and ice cream use 20.8 per cent of the milk, and are valued at \$5,600,020. Last on the list, but not to be overlooked, is cheese. It takes 5.2 per cent of the milk output which turns out 11,658,314 pounds of cheese valued at \$1,390,906. This, the greatest wheat state in the world, actually devotes more acres to the dairy business than to the bread grain.

## Percheron Breeders to Meet

Second National Conference of Percheron Judges and Breeders will be held at Hotel Phillips in Kansas City, Mo., on June 21 and 22. Prominent judges from 16 states are planning to attend. E. A. Trowbridge, nationally prominent horse judge and head of the animal husbandry department of the Missouri College of Agriculture, will open the meeting. Prof. D. J. Kays, of Ohio State University, will preside at a dinner on Friday night, and Dean H. H. Kildee, of Iowa State College, will be the speaker.

On Friday afternoon the conference will visit the Ralph L. Smith Farms at Stanley, Kan., and on Saturday will go to Schellcrest Farm, Liberty, Mo. Co-operating with the Percheron Horse Association in bringing this conference to Kansas City are the Kansas City Chamber of Commerce, the American Royal Live Stock Show, and the Kansas City Farmers Club.



This man is one of over 2,000 Sinclair agents who supply gasoline, kerosene and lubricants that . . .



. . . meet farm requirements. These Sinclair products help lower farm operating costs because of their high quality. They help protect against costly breakdowns of farm equipment due to faulty lubrication. Thousands of . . .

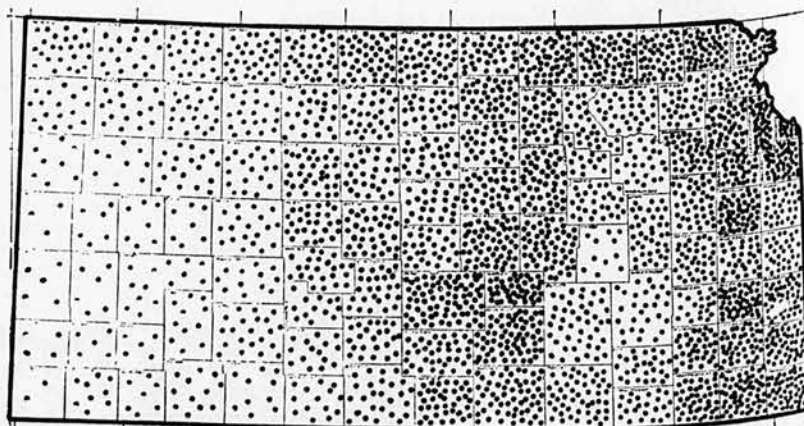


. . . trucks delivering Sinclair products cover farm routes every week. Just phone or write the nearest Sinclair agent. Below are listed some of the Sinclair products that, over a season, will save you money on your farm.

Tractor Fuels—Diesel, Kerosene, Gasoline . . . Cup and Axle Grease  
Cream Separator Oils . . . Harvester Oil . . . Gear & Chain Lubricants  
Pressure System Grease . . . P.D. Motor Spray  
Stock Spray

# SINCLAIR

Motor Oils



This map shows how milk production has spread out over Kansas. Each dot represents 1,000 pounds of milk. Add them all together and we find Kansas dairy cows produce 3,025,000,000 pounds of milk a year.





Lined up for supper at the 1939 Kansas 4-H Roundup, these Kansas farm girls show a familiar scene that will be in full swing all next week during the 1940 Roundup.

## Roundup Time for 4-H'ers

By LEILA LEE

JUNE 3 to 8 will feature the typical Kansas style of "troop concentration." On that week a youthful army of around 1,500 boys and girls will congregate in Manhattan for the 1940 4-H Club Roundup.

In contrast with concentration of forces in Europe, the Manhattan gathering will feature educational contests and agricultural competition of various kinds. Along with this will be recreation—singing, games, and instrumental music.

Those in attendance will be delegates and 4-H leaders selected from 4-H Clubs throughout the state. They will be there to learn of a fuller appreciation for rural life, and they will carry new ideas back to the thousands of members in their home clubs. Registration will be held all day Monday,

June 3, and the first session of the Roundup will be at 7 that evening, in the college auditorium.

Outstanding features of the Roundup include: State health contest; music appreciation contest; chorus and vocal ensembles contests; orchestras, bands and ensembles; and the dramatic contest. Many other events will fill a busy week.

### Three New Clubs

Organization of 3 new 4-H Clubs in Cowley county has recently been completed. This brings the total active clubs in the county to 17. The 3 new clubs are located in the Darien community, near Rock; the Grandview community, north of Winfield; and in the New Salem community.

## Meaning in Nursery Rhymes

FIRST "pieces" many children learn to speak are what we call nursery rhymes. They have a quaint charm in their word arrangement and rhythm. But did you ever stop to think that perhaps these rhymes, which have been handed down for so many generations, had a meaning, instead of being just a group of sing-song words?

Many of these verses were malicious, and spiteful; others often were in praise. But, whatever their tone, they told a story of some event or personality. For instance, Humpty Dumpty who sat on a wall, and had a great fall, was aimed at Richard III of England. This rhyme appeared during the reign of the hunchbacked king

and foretold his downfall. Richard is referred to as a hog in another verse, which includes his adviser, Catsby—the cat—and 2 figures of the court, one of them Lovell:

"The cat, the rat, and Lovell, the dog  
Rule all England under the hog."

There is a tradition that severe torture and possibly death followed the man who circulated this rhyme.

Catherine Howard, Henry's fifth wife, came to England from her native France, bringing and introducing pins. This rhyme resulted:

"Needles and pins, needles and pins  
When a man (Henry VIII) marries,  
his troubles begin."

Mary, Queen of Scots, was referred to in many of these ditties—Little Bo Peep, Mistress Mary, and Little Miss Muffett. In the latter verse, the spider is John Knox, the religious reformer who led Scotland's Protestant movement.

"Georgie Porgie, Puddin' and Pie,  
Kissed all the girls and made them cry."

Originally, this verse told the tale of George II and his numerous flirtations. Another playboy king, Charles II, is told of in—

"Lucky Lockett lost her pocket  
(Charles II)

Kitty Fisher found it. . . ."

Henry VIII is the king in "Twelve and Twenty Blackbirds Baked in a Pie." The blackbirds symbolized the dark-frocked priests, who stirred up controversy at the time.

Most of the rhymes never were put into writing, but were passed by word of mouth from one generation to the next, changes resulting in the original phrasing, meaning and length. These verses ceased to appear around 1700 when the free press began.

## Celebrate Children's Day

"We used your Children's Day pageant and liked it very much. We didn't get to use it all, as I was late in ordering it, but what we did use we liked. We plan to save it and use it again."—Ruby Drews, Pawnee county.

Miss Drews ordered the Children's Day pageant leaflet last year, and sent us this comment about it. As she states, this pageant is worked out so that all or parts of it may be used, to suit the number of children taking part. The leaflet also contains some verses for small children to speak. A copy of the leaflet, "Children of America," may be obtained by writing Leila Lee, Kansas Farmer, Topeka. Include 3 cents please, to cover mailing.

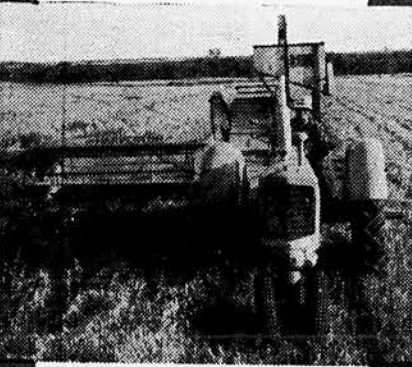
# World's Most Popular 12ft. Combine The Harvester



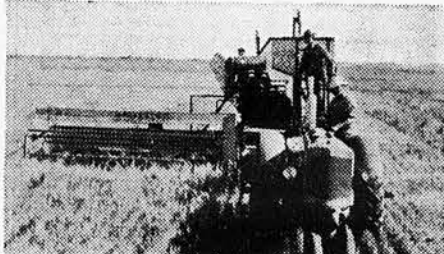
MM now brings big savings in harvest costs to all size farms. The 6 and 8 foot Harvestors both have all these famous Harvester features: *single* unit all steel construction for easier handling and lighter drafter — all steel *auger* conveyor for trouble free service for the life of the machine — superior *rasp* bar cylinder threshing mechanism for extra high quality threshing — *self leveling* cleaning shoe for a superior cleaning job in all grains and

The 12 foot HARVESTOR — the original light weight, high capacity combine for all crops. Introduced in 1934, it was a complete sell-out in its first season. In the 1935 harvest, the toughest in a decade, the Harvester proved that it could save grain where other methods failed because of adverse, tough conditions. The leading seller of all combines in that year. Since 1935 increased sales year after year, and the leading seller in its size each year. Practical sell-outs year after year. The Harvester has steadily demonstrated its superiority for fast, clean, trouble-free, low cost harvesting. Start now to avail yourself of the extra profits in additional grain saved and of the lower cost per bushel and per acre harvested which MM Harvestors assure you. Get complete facts and buy NOW!

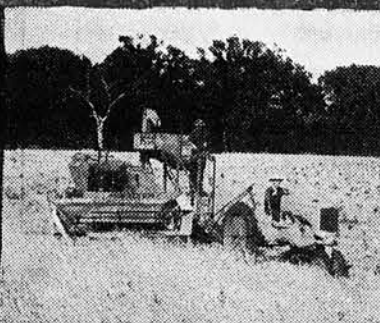
Any MM gives assurance of extra grain saving and extra operating economy. Get facts now and select the size of MM Harvester which best suits your need.



under all combining conditions — no belts or canvasses, only high grade roller chains. The 6 and 8 foot Harvestors are operated by either engine drive or power take off. Both 6 and 8 foot machines have threshing capacity of a 9 foot machine compared to the famous 12 ft. MM HARVESTOR.



## A NEW QUALITY LEADER



Harvester "69" Only \$580 F. O. B. Factory

Many new and exclusive features in cutting, threshing, separating and cleaning mechanisms, plus unusual features of adjustability enable the Harvester "69" to handle all crops better under all combining conditions. 69 inch cutting capacity. Get facts!

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POWER IMPLEMENT COMPANY MINNEAPOLIS MINNESOTA

I farm . . . . . acres

☐ HARVESTOR 6-8-12 ft.  
☐ HARVESTOR "69"

Tractors:  
☐ Universal "R"  
☐ Universal "Z"  
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☐ Standard "U" 3-4 plow  
☐ Standard "Z" 2-3 plow  
☐ Standard "R" 1-2 plow

☐ "GT" 4-5 plow  
☐ Comfortactor  
☐ Grain Drill  
☐ Thresher  
☐ Spreader  
☐ Hay Tools  
☐ Hammermill  
☐ 2 Row Corn Husker  
☐ Shellers

My Age is . . . . .

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All in One Farm Machine  
☐ Disc or Drag Harrows  
☐ Wheatland Disc Plow  
☐ Hi-Clearance Tractor Plows  
☐ Horse Drawn Plows  
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☐ Cultivators

I am interested in machines checked. Please send facts.

Name . . . . . Address . . . . .

KFA



# WOMEN

Here's amazing way to  
Relieve 'Regular' Pains

Mrs. J. C. Lawson writes: "I was undernourished, had cramps, headaches and backache, associated with my monthly periods. I took Dr. Pierce's Favorite Prescription for a while, gained strength, and was greatly relieved of these pains."

FOR over 70 years, countless thousands of women, who suffered functional monthly pains, have taken Dr. Pierce's Favorite Prescription over a period of time—and have been overjoyed to find that this famous remedy has helped them ward off such monthly discomforts.

Most amazing, this scientific remedy, formulated by a practicing physician, is guaranteed to contain no harmful drugs—no narcotics. In a scientific way, it improves nutritional assimilation; helps build you up and so increases your resistance and fortifies you against functional pain. Lessens nervousness during this trying period.

Don't suffer one unnecessary moment from such monthly discomfort. Get Dr. Pierce's Favorite Prescription from your druggist. Discover how wonderfully it acts to relieve you of 'Regular' pains.



COOLING, soothing application of Mentholum relieves hot, flaming sunburn quickly. Its medicinal ingredients also promote rapid healing of the skin.

Mentholum is equally helpful in treating other minor skin irritations, such as chafing, insect bites, prickly heat, superficial burns, cuts and bruises. It will bring you a lot of comfort.

**MENTHOLATUM**  
Gives COMFORT Daily



## Capper Publications, Inc., Bonds

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

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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.



# RHEUMATISM PAINS Caused by a Poison

I DO NOT get as many letters asking for "rheumatism medicine" or "neuritis medicine" as 20 years ago. But they make a big batch in my mail even now. Few of the writers give any definite symptoms. They have pain, generally they say "misery," in plenty, and perhaps they have been to doctors of a sort. The doctors give them something to rub on to "ease the pain," perhaps making a half-shot diagnosis of "rheumatism," perhaps choosing to call it "neuritis." Most of the prescriptions do some good for a little while, but seldom do they effect a real cure. A little while and the rheumatism or neuritis, whichever tag is given, is just as bad as ever.

People have wasted millions on patent medicines under that old delusion. They figured that for every disease there was a remedy, and if they could match the name of the disease with the name on the bottle of medicine, they would get well. All the medicines

## On the Fashion-Front

BUTTON-FRONT SHIRTWAISTER



Pattern 4419—So smart, youthful and convenient is this slenderizing and useful cotton frock. You can stitch it up in one . . . two . . . three, with the Sewing Instructor's helpful guidance. Waistline darts eliminate any time-taking seams and give both smooth fit and splendid skirt fullness. The shirt-waist collar has softly rounded revers which you might like in contrast, with the optional tabs on the short-sleeve style matching. Or perhaps you'd prefer a gay outline of ric-rac. An easy-to-wear, easy-to-make frock—order your pattern today! Sizes 34, 36, 38, 40, 42, 44, 46, and 48. Size 36 takes 4½ yards 35-inch fabric and 1½ yards ric-rac.

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

By  
CHARLES H.  
LERRIGO,  
M. D.



helped for about 2 days to 2 weeks, depending on the degree of credulity possessed. After trying a dozen or so, they would either be disgusted with all medicines or turn to a quack doctor for "treatments."

The present generation is somewhat wiser. Take rheumatism, for instance. We'll say it is a collection of aches, pains, and stiffness in the joints. Very well! What causes it? Poison! A poison that we ourselves manufacture in some diseased organ.

What organ? We do not know, but experience teaches us to suspect teeth, tonsils, nasal sinuses, appendix, and bowels, in the order named. One man finds abscessed teeth. He has them extracted and his aches and pains vanish. Another man has sound teeth but a frequent sore throat reminds him that he always has had a little trouble with the tonsils, and they are taken out. Still another is persuaded to permit the doctor to obtain drainage for his chronic sinus infection. By such sensible lines of treatment the rheumatism may be conquered. I will admit that I know people who have had teeth out, tonsils out, appendix out and still they are no better. That, however, does not change the principle—it simply means that in the case of that one unfortunate there is an offending substance that remains hidden.

Neuritis, properly diagnosed, means "inflammation of a nerve," and is a much different matter. Yet it is surprising how many think rheumatism, arthritis and neuritis interchangeable terms, and how many so-called cases of neuritis will yield to the same principle of treatment—find and clean up the old infection. So it is that I find it wise to write many patients to engage a doctor who will make diligent search and clean up the focal infection, restore sensible habits of eating, obtain proper action of the excreting functions. Money spent for rheumatism medicine or neuritis medicine without knowing why or whether you really have rheumatism or neuritis is money thrown away.

## Patient Needs Rest

What is a cure for poor circulation or high blood pressure, where the blood clots in veins and causes hard lumps in the flesh?—F. H. T.

In general, a patient with these symptoms should take great care not to do any work that is a heavy strain and to take a great deal of rest. It is a serious condition and one that can only be treated by a physician who has an opportunity to examine and find the cause of the high blood pressure.

## Head Too Large

Please answer the following questions in your Kansas Farmer page: An acquaintance has a child about a year old whose head has grown too much to be in proportion with its body. Its head at time of birth was large. These folks have not consulted a physician and I'm wondering whether there is anything that can be done.—P. P.

The trouble is presumably that usually termed "Water on the Brain" and by doctors "Hydrocephalus." The outlook certainly warrants consultation with a good doctor.

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.

# WHY SUFFER Functional FEMALE COMPLAINTS

Lydia E. Pinkham's Vegetable Compound  
Has Helped Thousands!

Few women today do not have some sign of functional trouble. Maybe you've noticed YOURSELF getting restless, moody, nervous, depressed lately—your work too much for you—Then try Lydia E. Pinkham's Vegetable Compound to help quiet unstrung nerves, relieve monthly pain (cramps, backache, headache) and weak dizzy fainting spells due to functional disorders.

For over 60 years Pinkham's Compound has helped hundreds of thousands of weak, rundown nervous women to go smiling thru "difficult times." Since it's helped so many women for so many years, don't you think it's good proof YOU too should take Pinkham's? Start today without fail!

Note: Lydia E. Pinkham's Vegetable Compound comes in liquid or handy to carry tablet form (similar formula).

# WIBW

"Always  
A  
Good  
Show!"

"The Voice of Kansas"  
580 Kilocycles

Oooooo! What  
You Said!



Do You Mean to Say  
That We're Really  
Going to Have

Kansas Farmer  
Protective Service

On This Farm?

For complete information see the Capper man in your territory, or write to Capper's National Protective Service Association.

J. M. Parks, Mgr.  
Topeka, Kansas



By ROSEMARY LESAN

# WHY JELLIES GO WRONG

**W**HO wants to weep in the springtime? Certainly not a jellymaker or her home-made spreads! So let's look into the cause and cure of tears and other types of spoilage before turning our ripe Kansas berries into jams and jellies . . .

A few tears—in other words, the separation of a small amount of sirup—are normal for a jelly. But real trouble starts when yeast and mold develop. These evils may be avoided by keeping the glasses well covered and by storing them in a cool, dry place. Dust and mildew are trouble-makers, and no nice jelly wants to associate with them.

Excessive separation, the condition known as "weeping," is another thing entirely. It may be kept to a minimum by using fully ripe fruit, and by following a short-boil recipe exactly.

One of the most important steps in jelly-making is the filling and the covering of the glasses. Containers must always be sterilized before using, and should never be filled too full. A half-inch space at the top of the glass is correct. Always use new paraffin. Old second-hand wax may actually cause spoilage.

Some good cooks are annoyed by sugar crystals that sometimes form as a jelly or jam

If there's anything in all the world better than fresh raspberries and cream in season—it's raspberry jelly on toast or hot biscuits a cold winter day.

pectin. Their fool-proof directions save time, yield half again as many glasses of jelly, and produce jelly that has all the delicate flavor of fresh, sun-ripened fruit.

Strawberries are ready for the jelly shelf now . . . raspberries and blackberries and cherries will be right along. Follow these recipes exactly if you want the jellies to be perfect!

## Blackberry-Cherry Jelly

No question about it, you just can't help liking the unusual combination of ripe blackberry

and sour cherry flavors. To make a batch you'll need to measure out carefully 4 cups fruit juice, 7 cups sugar, and add 1 box of powdered fruit pectin.

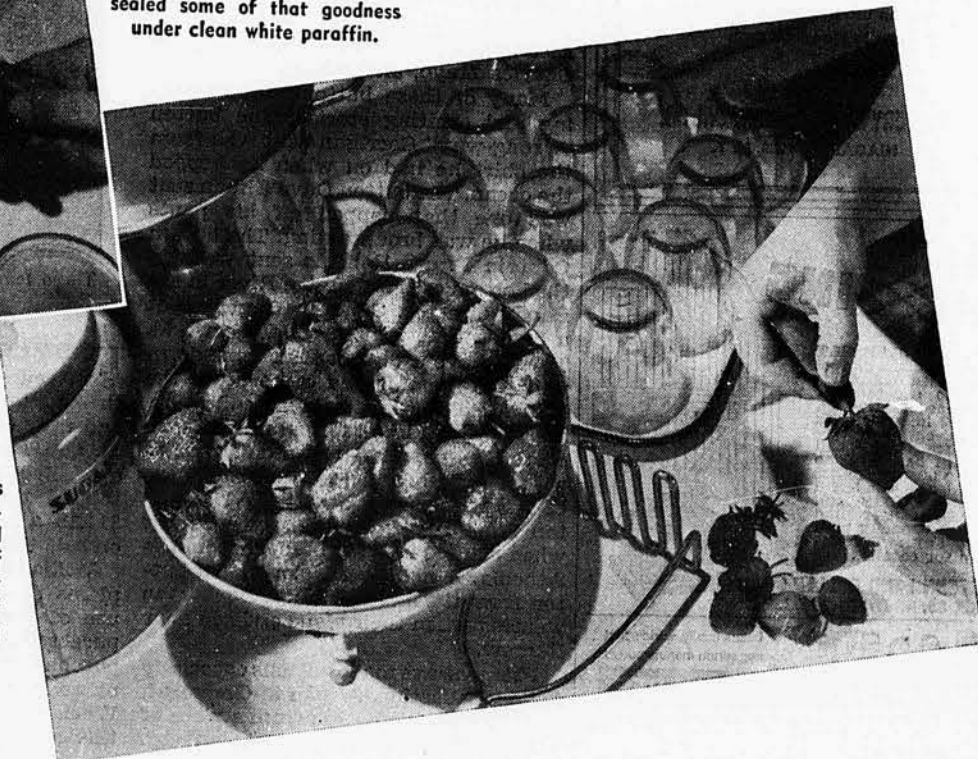
Stem, but do not pit the cherries. When ready to prepare the juice, crush about 2 pounds fully ripe cherries. Add  $\frac{1}{4}$  cup water, bring to a boil, cover, and simmer 10 minutes. Crush thoroly or grind about  $1\frac{1}{2}$  quarts fully ripe blackberries. Combine the two fruits; place in a jelly cloth or bag, and squeeze out the juice.

Measure the sugar and the fruit juice into a large saucepan and mix thoroly. Bring this to a full rolling boil over the hottest fire. Boil hard 4 minutes, stirring constantly. Add powdered fruit pectin; then bring again to a full rolling boil and boil hard  $\frac{1}{2}$  minute. Remove from the fire, skim, pour quickly into sterile glasses. [Continued on Page 15]

Ripe cherries suggest pie for dinner most any June day, but how glad we'll be by the time the holidays roll around that mother sealed some of that goodness under clean white paraffin.

A bowl of luscious Kansas strawberries can be turned into glasses of ruby red jelly that will put plenty of sparkle into meals long after strawberry time is over.

cools. This happens when there are more than 7 parts of sugar to every 10 parts of the finished jelly. The difficulty is avoided when you use the short-boil method; for, altho you start with a little more sugar, you do not boil away the fruit juice—and your finished jelly has a smaller ratio of sugar to fruit than with the long-boil method. In a long-boil spread, crystals may be a mistake in measuring, not cooking. "Always measure exactly" is a must for every jellymaker. If you want to be sure the jelly will jell, use short-boil recipes with added





## FOR Sub-Surface TILLAGE

## SOILIVATOR

For Firm and Hard  
Ground

1. Plows without turning the ground over.
2. Leaves all trash on the surface.
3. Breaks up hard pan and stores moisture.
4. Greatly retards water erosion.
5. Helps prevent soil drifting.
6. Low cost weed control.

## TILIVATOR

For Loose Ground

1. Cultivates sub-surface without pulverizing.
2. Leaves trash on surface.
3. Helps soil absorb and retain moisture.
4. Forms cloddy, trashy mulch.
5. Helps prevent soil drifting.
6. Low cost weed control.

This Company has been manufacturing sub-surface tillage equipment since 1912. This equipment has been responsible for the prosperity of many farm localities where it would have been impossible to raise profitable crops with ordinary farm machinery. This system has kept thousands of farms from reverting to desert.

Write now for complete information on our modern sub-surface tillage equipment.

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## SODIUM CHLORATE

Made for American farmers by American workmen in a Company established nearly fifty years ago.

See your County Agent regarding the use of Sodium Chlorate for use in weed control.

Manufactured by  
**OLDBURY ELECTRO-CHEMICAL CO.**  
NIAGARA FALLS, N. Y.

## HAY CHOPPING

With a **BEAR CAT** get the job done as fast as two men can pitch; three to six tons per hour; feeder is 74 in. long, 42 in. wide with 26-inch cutter. Absolutely feeds itself and blows in barn and no monkey business about it! Also, wonderful Hammer Grinder and Ensilage Cutter and has real capacity with 15/30 Farm Tractor. Write for catalog.

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Peters family, world's first hog serum manufacturers  
**This Great Little Book FREE**  
PETERS' "Common Diseases Of Farm Animals", illustrated; describes 93 diseases, vaccination and care. Write  
**PETERS SERUM CO., LABS., Kansas City, Mo.**

## \$5 Winner in Hobby Letter Contest



## A Buttonnaire Speaks

By **MRS. JESSIE MUCK**  
Newton, Kan.

IT GOES undisputed that collecting stamps is the king of hobbies and the hobby for kings. Then, collecting buttons must be the queen of hobbies. It is not only the hobby for queens but also kings. During Queen Victoria's reign, she offered a piano to every little girl who would collect and string 999 different buttons. Louis XIV in a single year, 1865, put \$600,000 in buttons, while the ex-Kaiser of Germany has several trunks full of buttons and it is said he makes frequent changes of the buttons on his uniforms.

I collect buttons. In my collection are more than 40,000, no two of which are alike. They have all been given to me, and they have come from the 48 states, Washington, D. C., and 30-some countries.

The buttons are classified, according to type and size, then mounted on white cardboard cards. Under each button is printed the person's name who contributed the button, together with any other information that is worthwhile keeping.

Apart from the regular collection of 40,000 buttons, I have a Hall of Fame in which are interesting buttons from interesting people. I have about 500 of these and, among our Kansas notables, there are buttons from Senator Arthur Capper, editor T. A. McNeal, Peggy of the Flint Hills, Glenn Cunningham, Dr. Charles M. Sheldon, Margaret Hill McCarter, E. E. Kelley, artist Albert T. Reid, cartoonist Robert Quillen, Gomer T. Davies, Alf M. Landon, Mrs. Alf M. Landon, Ernest Quigley, William A. Biby, William Allen White, Nellie Webb, Gladys Hasty Carroll, and Charles Curtis.

### Hall of Fame

There are also buttons in the Hall of Fame from Herbert Hoover, Mrs. Herbert Hoover, Bruce Barton, Dionne quint, Shirley Temple, Bette Davis, Spencer Tracy, Father Flannagan, Douglas Corrigan, Ty Cobb, Irvin S. Cobb, Helen Keller, Helen Wills Moody, Deanna Durbin, Connie Mack, Lou Gehrig, Charles Gehringer, Carrie Jacobs-Bond, Madam Schumann-Heink, the "tall" Robert Wadlow, Christy Mathewson, Kenesaw Mountain Landis, Homer Rodeheaver, Norma Talmadge, Patty Berg, Lela Hall, Jack Dempsey, Out-Our-Way Williams, Believe-It-or-Not Ripley, Charles Dana Gibson, James Montgomery Flagg, Grace Noll Crowell, Grace Livingston Hill, O. O. McIntyre, Norman Rockwell, Faith Baldwin, Dale Carnegie, W. H. Elson, author of the Elson readers, Dorothy Thompson, Dr. Charles Mayo, and others.

Many of these buttons have thrilling and exciting stories. The button "wrong-way" Corrigan sent was from the shirt he had on when he hopped the ocean. The button Dave Elman sent was one that popped off his pants when he was broadcasting. The button Captain Frank Roberts sent went to the bottom of the Yangtze River in the Panay disaster. Captain Gregory sent a button that went around the world. Then I have a button that went down with the Squalus and came up in the bell. The oldest button in my collection, about which I know for sure, came over on the Mayflower—it was on a pair of velvet knee-breeches. Alice Newman, of Arkansas City, contributed a button from the dress she was wearing when she got into the lifeboat from the Athenia. A man in Alaska sent a button from the sweater Will Rogers was wearing when their plane crashed near Barrow.

Friends have made buttons especially for my collection. A man in Greenleaf, Kan., whittled a button from a piece of wood that was part of the Hindenberg.

A California man made a button from a piece of Indian skull. Others have been made from nuts of various kinds, agates, pipestones, elk horn, silver, and leather.

Uniform buttons are interesting. I have two from Sweden in solid gold. I have 3 brass buttons used when Edward VIII was King of England. I have 2 Northwest Mounted Police buttons. One from the Captain of the Queen Mary; one from a soldier in the Boer War.

### Confucius on Button

Old buttons are fascinating. They depict everything in the way of stories. I have Confucius on a 75-year-old button. I have Snow White on a button of the same period. And Little Red Riding Hood, Lohengrin, Harlequin, and Columbine. Many Bible stories are found in the pictures on buttons and many mythological characters were used, Cupid and Neptune being the most popular.

Everyone associates the vulcanization of rubber with Charles Goodyear's name, but few know that among his first hard-rubber products is the Goodyear button. His hard-rubber buttons carry the manufacturer's name and date of patent, which was 1851.

Too, we who collect buttons have everything in miniature found among the antiques of today. Collectors of antiques revel in their pieces of pewter, Sandwich glass, Wedgwood, while we who collect buttons go into ecstasies over the same thing in buttons and, to elaborate further, among the antique buttons we have daguerre type buttons; hand-painted porcelain buttons; luster buttons; Battersea enamel buttons; Satsuma-ware buttons; Milleflore glass buttons; gorgeous pearls, and beautiful hand-carved buttons in ivory, bone, and tortoise shell.

My button hobby is worthwhile, The things I've learned regarding style;

It teaches history and art  
And friends I've made, dear to my heart.

In buttons everything I find,  
Contentment, joy, and peace of mind;  
The fun, the thrills that do unfurl  
When I am in my BUTTON WORLD.

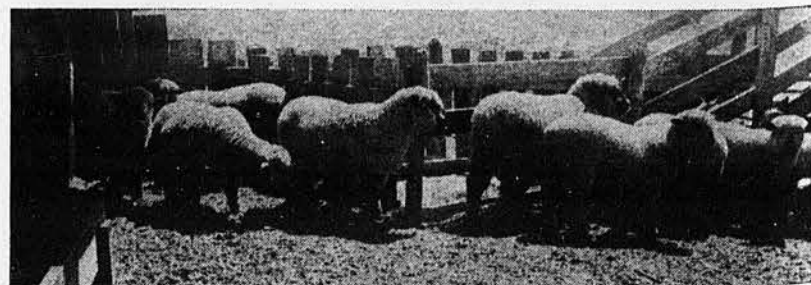
## Your Best Vacation

Summer in the air, means vacation time is near. And what are you going to do on your vacation this year? Fish... Ozarks or Rockies... city... state parks... world's fairs... state fairs... Alaska... boat trip... time out for hobby... swim... dance... visit... or what have you? Everybody is looking for something restful, invigorating and recreational to do this summer. To help others decide, Kansas Farmer wants you to write a 300-word letter on "The Best Vacation I Ever Had." Total of \$10 in prizes will be given, \$5 for first, \$3 for second, \$2 for third. Mail your letter before June 25 to Vacation Editor, Kansas Farmer, Topeka.

## Kansas Farm Calendar

June—Dairy Month.  
June 3-8—Kansas 4-H Club Roundup, Kansas State College, Manhattan.  
June 6-7—Midwest Vocational Agriculture Lamb Show and Sale, Kansas City Stock Yards.  
June 12-19—National 4-H Club Camp, Washington, D. C.  
June 13—Wyandotte County Farm Bureau Picnic and Machinery Show.  
June 21-22—Second National Conference of Percheron Judges and Breeders, Kansas City, Mo.  
June 22—Kansas Cattle Feeders' Day, Kansas State Agricultural College, Manhattan.  
July 15-17—National Dairy Council, Annual Summer Conference, Chicago.  
September 2-7—Southwest Free Fair, Dodge City.  
September 8-14—Kansas Free Fair, Topeka.  
September 14-21—Kansas State Fair, Hutchinson.  
September 30-October 6—Dairy Cattle Congress, and National Belgian Horse Show, Waterloo, Ia.  
October 1-3—St. Joseph Inter-State Baby Beef and Pig Club Show, St. Joseph, Mo.  
October 12-19—National Dairy Show, Harrisburg, Pa.  
November 9-16—American Royal Live Stock and Horse Show, Kansas City, Mo.  
November 29-December 6—National 4-H Club Congress, Chicago.  
November 30-December 7—International Live Stock Exposition, Chicago.

## Proof in the Marketing



These lambs owned by Elmer Lewis were part of co-operative shipment from Gray county farmers that topped the Kansas City market.

FARMERS in Gray county have received statewide recognition for their spring lamb production practices, and they can boast of genuine results at the markets. On May 2, a co-operative shipment from this county topped the Kansas City market at \$11.15 a hundred. The bulk of lambs on sale that day went at \$10.75 to \$11.

Willis Wenrich, county agent, explains the top lambs are produced by use of high-quality range ewes with purebred mutton-type rams. Ewes are purchased co-operatively under the name of the Gray County Sheep and Wool Association. Representatives of this association are careful to select

only sound, young ewes. They are distributed to members of the association by a gate cut, so there is no disagreement about who gets certain ewes.

In like manner, lambs are marketed co-operatively by members of this association. Before marketing, they are graded and sorted according to condition and finish.

Farmers who contributed lambs to the recent market-topping shipment were: Ed Sultz, George Monical, Bob Arnesdorf, Frank Trainer, Roland Mott, P. B. Kopper, Sam Robins, Bert Robins, Russell Davidson, Dale Davidson, Elmer Lewis, John Miller, Earl Edgbert, and Oliver Armstrong.



## Why Jellies Go Wrong

(Continued from Page 13)

Paraffin the hot jelly immediately. This amount makes about 11 medium glasses.

### Red Raspberry-Strawberry Jelly

Be sure you use fully ripened berries, both red raspberries and strawberries, and measured in these proportions you should have about 11 medium-size glasses of jelly to put away for next winter. Measure out 4 cups of fruit juice,  $7\frac{1}{2}$  cups sugar and 1 box powdered fruit pectin. To prepare the juice, crush thoroly or grind about  $1\frac{1}{2}$  quarts each fully ripened red raspberries and strawberries. Combine the fruits; place in a jelly cloth or bag and squeeze out the juice.

Measure the sugar and juice into a large saucepan and mix thoroly. Bring to a full rolling boil over hottest fire and boil hard 2 minutes, stirring constantly. Then add powdered fruit pectin, bring again to a full rolling boil, and boil hard  $\frac{1}{2}$  minute. Remove from the fire, skim, pour quickly into glasses, and paraffin the hot jelly at once.

### Ripe Sour Cherry Jelly

Cherries do not make a good jelly alone, but used with concentrated pectin, success is assured and the flavor is delightful. You'll find the powdered fruit pectin just ready to use and an easy step to perfect jellymaking. One box of powdered pectin to 3 cups of cherry juice and 4 cups of sugar are the right proportions—and will yield you about 7 glasses of jewel-colored jelly.

To prepare the juice, stem but do not pit cherries. It will require about  $2\frac{1}{2}$  pounds of fully ripe cherries for this amount of jelly. Crush the cherries, add  $\frac{1}{2}$  cup water, and bring to a boil and simmer, covered, for 10 minutes. If a stronger cherry flavor is desired, add a few crushed cherry pits during the simmering process. Place the fruit in a jelly cloth or bag and squeeze out the juice. If there is a slight shortage of juice, add a small amount of water to the pulp in the jelly cloth and squeeze.

Measure the sugar into a dry dish and set it aside until needed. Measure the juice into a 3- or 4-quart saucepan. Place it over the hottest fire. Add powdered fruit pectin, mix well, and continue stirring until the mixture comes to a hard boil. At once pour in the sugar, stirring constantly. Continue stirring, bring to a full rolling boil, and boil hard  $\frac{1}{2}$  minute. Remove from the fire, skim, pour quickly, and paraffin the hot jelly at once.

### Gooseberry-Raspberry Jelly

If gooseberries are too tart, according to your taster, combine them with black raspberries or black caps—using fully ripened berries. Measure out  $4\frac{1}{2}$  cups of juice,  $6\frac{1}{2}$  cups sugar to 1 box powdered fruit pectin. This amount will yield about 11 medium glasses, if directions are followed closely. It will require about 1 quart fully ripe gooseberries and 1 quart fully ripe black raspberries to yield the necessary  $4\frac{1}{2}$  cups of fruit juice. Crush the two kinds of berries thoroly, or put them thru the grinder. Combine the fruits; add 1 cup water, bring to a boil and simmer, covered, for 10 minutes. Place the fruit in a jelly cloth or bag and squeeze out the juice. If there is a slight shortage of juice, add a small amount of water to the pulp in jelly cloth and squeeze.

Be exact in your measurements of liquids and sugar, putting the sugar into a dry dish where it may be set aside until needed. Measure the juice into a 5- or 6-quart saucepan or kettle. Place this over the hottest fire. Add powdered fruit pectin, mix well, and continue stirring until the mixture comes to a hard boil. At once pour in the sugar, stirring constantly. Continue stirring, bring to a full rolling boil and boil hard  $\frac{1}{2}$  minute. Remove from fire, pour quickly into sterile jelly glasses, and paraffin while hot.

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## LOOK! Check This List For Your Dealer's Name!

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Atchison ..... Ralph Fletcher  
Atchison ..... Neimann Hdwe Co.  
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Colony ..... Bogan Implement Co.  
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Garden City ..... Allen Tire Shop

Gardner ..... W. H. Marley  
Girard ..... Crawford Co. Farmers Union  
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Glasco ..... Wolf Implement Co.  
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Gridley ..... H. A. Reed  
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Havana ..... Pendleton Motor Co.  
Hays ..... Dan's Machine Shop  
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Moundridge ..... Moundridge Motors  
Mount Hope ..... Larsen Hardware Co.  
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Pleasanton ..... Hutchinson DX Service  
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Pretoria ..... Maple Grove Service  
Pretoria ..... McCowan Motor Co.  
Princeton ..... Millard H. Brown  
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Riley ..... Riley Implement & Machine Shop  
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Russell ..... Lyman Kelling  
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Simpson ..... Hubert Andersen  
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Stockton ..... Wright Hardware Co.  
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Stull ..... Kraft Mercantile Co.  
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Pond Creek ..... Folmer Pontian Co.  
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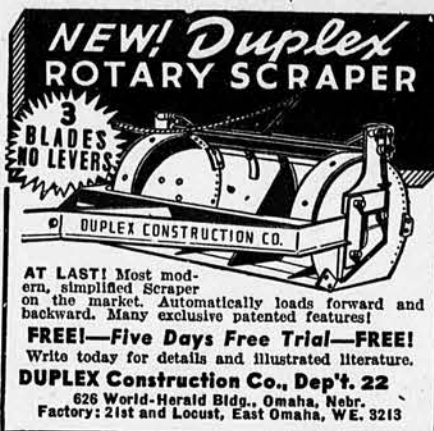
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## FEED CROP TALK

(Continued from Page 3)

raw materials which are simple everyday products. It uses water from the soil, carbon dioxide from the air, and plain, undiluted sunlight. Presto chango, from this simple formula come the nutritious sugars and starches. Our most brilliant scientists have not been able to copy this process, so about the only way man can assist is by helping improve natural conditions for the supreme process that takes place within that plant.

After manufacture in the leaves, food is promptly moved to the stems, which may be classed as "warehouse rooms" for the manufacturing plants. When heads of sorghum grain are formed, food is moved up for that purpose. For this reason, the amount of grain formed determines, largely, the amount of nutrition left in the stems.

From the palatability experiments at Hays, A. F. Swanson concludes the 2 most important factors in determining palatability and quality of sorghum forage are: Amount of nutrients in the stems, and moisture content of the fodder. These factors are affected by season, variety, and rate of seeding. Given fodder free choice, the cattle at Hays ranked most acceptable varieties in the following order: Hegari, Early Sumac, Atlas, Kansas Orange, and Leoti Red. With the exception of Hegari, all of these are of the sweet sorghum type. Next in palatability were the kafirs, which are juicy but not so sweet. Those least desirable to the cattle were the dry-stalked varieties such as feterita and the milos. Altho the sweet sorghums as a whole ranked well out in front, hegari and the kafirs produce excellent forage feed when the grain crop is not heavy. Chemical analysis showed that total carbohydrates of stems, leaves and heads ranks 5 to 10 per cent higher in the sweet sorghums than in

the grain sorghums. This indicates that crops of the forage type are most economical feed producers, so long as grain is not essential in your feeding program.

Higher moisture content is an important factor in making fodder more palatable. Sorghum plants growing under favorable rainfall and temperatures will, at maturity, contain around 75 per cent of moisture, which is about the same as in good silage. However, in seasons of low rainfall, the moisture content of mature sorghums may be as low as 55 per cent. At harvest time, the moisture of grain sorghums is only 3 to 5 per cent lower than for forage sorghums. But after grain sorghum fodder has been in the shock for some weeks, this percentage drops more rapidly than in the case of sweet sorghum fodder.

By late spring, the moisture content of fodder usually falls to around 15 or 20 per cent in all varieties. This emphasizes one distinct advantage for silage over dry roughage, for feeding in the spring. More moisture is carried in the stems than in the leaves, and that is another reason why stems are often more valuable than the leaves for feeding.

Mr. Swanson found that cutting during the milk stage reduced palatability of both forage and grain sorghums. Early cutting caused moisture content to drop more rapidly, and there was also evidence that nutrients had not fully developed in stems of the immature plants.

Mr. Swanson and H. H. Laude have found the best way to plant the right amount of seed is to control the spacing. Their yield tests indicate kafir and most other grain sorghums make the highest yield of both grain and forage when the plants are spaced 6 to 8

inches apart in rows 40 to 44 inches apart. Varieties such as Dwarf Yellow milo do best when the spacing is 12 to 15 inches between plants. Highest tonnage from forage sorghums may be expected by spacing the plants 4 to 6 inches apart in rows 40 to 44 inches wide. It is considered advisable to use a plate that will drop 3 or 4 seeds at a time.

Mr. Swanson has observed that getting the most benefit from dry forage is influenced considerably by the way fodder is fed. Tremendous waste is eliminated by feeding in a rack; the type of rack also helps determine how much feed is wasted. He has found the best type is one at which the cattle must eat with their necks between 2 horizontal rails. With this system, animals are not so likely to pull stalks from the rack and drop them.

### Wheat Loan Rate Up

Secretary Henry Wallace announced recently the wheat loan rate on the 1940 crop would average 64 cents a bushel as against an average of 63 cents last year. Agriculture Department officials said the average loan rate of 64 cents together with parity payments of 19 cents assured wheat farmers co-operating in the federal crop control program of a return of at least 83 cents a bushel on the farm regardless of market prices.

### Take Time for Fun

Fun is as fun does. And here is a chance to do something that will bring hours of fun. Best of all, you might win \$2 in cash, simply for writing the last line for our jingle.

There's nothing else to it whatsoever. All you have to do is look thru the advertisements in this issue and get some ideas. Then write a bunch of last lines, list them on a post card, and send them to Kansas Farmer. Tell us the name of the ad from which you got your idea. Get the whole family to try.

First prize in the May 4 contest goes to Mrs. T. M. Tatcher, of Michigan Valley, Kan., for this line: "PAIR-adise from DOUBLE-duty Phen-o-sal." Next best entries were made by Mrs. Guy Peck, Minneapolis, Kan., Eileen O'Malley, Harris, Mrs. C. A. Reimer, Fowler, Mrs. L. F. Culver, Yates Center, and Edith Whisman, Zurich.

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

Add a line to this jingle and be in line for the \$2 prize:

Here lies the body of Housefly Twiller,  
At smelling flowers he was a diller,  
But he dropped stiff  
When he took a whiff,

## Ready Help for Readers

THOSE last rains that favored about every acre in the state helped out a lot. Possibly they helped bring to mind some item you wish to purchase, a part or two for repairs, or some new machinery. Right here in the pages of Kansas Farmer is a good place to do your shopping.

It is an easy matter to obtain all pertinent data about any product advertised in Kansas Farmer. Prices, sizes, features, and functions, all are explained in leaflet form which is yours for the asking. You need only send a request to the advertiser at the address listed on the ad and the material will be sent to you.

Here is a list of advertisers who will be glad to send you their booklets:

Send for Skelly's 1940 Truck and Tractor book that tells you how to save money on operating costs. Use the coupon on page 2.

Chick raisers have been showing considerable interest in Dr. Salisbury's 2 booklets, "Turkey Talks" and "First Aid to Poultry." See the ad on page 8 for the address.

Be sure to send for the catalog and price list showing Western Land Roller Company's new tractor sweep-rakes. See the ad on page 10.

Irrigating? Read the Lincoln Tent and Awning Company ad on page 10, and send for the free folder offered.

The Minneapolis-Moline ad on page 11 describes several items of equipment for power farming. Send the coupon with your selections checked to the address shown.

For chopping hay, you will want to send for the Bear Cat catalog advertised on page 14.

You folks with livestock will want to have a copy of the Peters Serum Company book, "Common Diseases of Farm Animals." This is advertised on page 14.

Do you need a new windmill? Write for the Fairbury book described on page 16.

If you are needing a place to store that hay crop, be sure to get all information about the McPherson Concrete Stave Silo. It is advertised on page 16.

Before you buy that irrigation pump, write for the Western catalog listed on page 16.

In the event you want to level some of your land, send for the literature Duplex Construction Company has published for you. See the ad on page 16.

If you desire a tile silo, send a request for National's price list and discount offer. This ad is on page 16.

And if you have any handy ideas for doing things about the farm, send them to the Tank Truck, it may be worth money.

When you write, of course, mention Kansas Farmer.

*Feed Your Chicks a BALANCED RATION*



**VICTOR CRETE MILLS CHICK PELLETS**

This year—make sure your chicks are getting a balanced ration. Feed VICTOR CHICK PELLETS—the scientifically balanced chick feed. VICTOR CHICK PELLETS are rich in the vitamins, proteins, carbohydrates, fats and minerals that are essential to chick health and growth and to the development of hens with a high production of quality eggs. That means PROFITS to you.

**CONTAIN THESE**

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

**THE CRETE MILLS CRETE, NEBRASKA**



# TABLE OF RATES

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.

## BABY CHICKS

Let Coombs' ROP Leghorns Help Put Your Flock in \$1,000.00 income group. Many customers obtaining 200 egg averages. Read new, free booklet containing authentic customer reports. 250-355 Egg ROP Sires from Progeny-tested, high livability families head all matings. Write for reduced summer prices. Sexed Chicks. Partial payment plan. Coombs & Son, Box 6, Sedgwick, Kan.

Schlichtman Square Deal Chicks, U. S. Approved, Pulorum tested. Prepaid per 100—Leghorns, Anconas, \$5.40; Rocks, Reds, Orpingtons, Wyandottes, Minorcas, \$5.90; Giants, Brahmas, \$7.40; Heavy assorted, \$5.15; Leftovers, \$4.40. Also sexed chicks. Free catalog explaining 2-week replacement guarantee. Schlichtman Hatchery, Appleton City, Mo.

Olanders U. S. Approved Chicks. Pulorum Tested for 9 years. 21 years of stock improvement. When better chicks are hatched we will hatch them. \$3.75-100 up. Prepaid. Order direct from this ad or send for our price list. Buy U. S. Approved Kansas Hatched Chicks and be safe. The Olander Hatcheries, Topeka, Kansas.

Better Chicks—White and Buff Leghorns, Anconas, \$5.50 per 1000. White Rocks, Wyandottes, Langshans, Reds, Buff Orpingtons, Rhode Island Whites, Hybrids \$6.50 per 100. Started chicks and sexed chicks—they are better. Kensington Hatchery, Kensington, Kan.

Blue blood Started Chicks are large, healthy chicks. Assorted heavy or hybrids as hatched 3 to 4 weeks old 12c each. Assorted hybrid pullets 3 to 4 weeks old 18c each. R. O. E. Hatchery. Immediate shipment. Ross Poultry Farm, Junction City, Kan.

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 308, Clinton, Mo.

Superior Quality, White or Black Giants, per 100—\$7.25; White or Brown Leghorns, \$5.40; White Wyandottes, White Rocks, Reds, Anconas, SL Wyandottes, Buff Minorcas, \$6.25. Prepaid. Thomas Hatchery, Pleasanton, Kan.

Quality Chicks, Bloodtested Flocks. Heavy breeds \$5.50, Minorcas and Leghorns \$5.25, Hybrid Pullets \$9.00, Cockerels \$3.00. Assorted \$4.50. Postpaid. Ivyvine Hatchery, Eskridge, Kan.

May, June, Chicks. Leghorns, Minorcas, \$5.35; Heavy \$5.90; Austra Whites, Brahmas \$6.25; Hybrid pullets \$9.00; Cockerels \$3.00. Bozarth's Ideal Hatchery, Eskridge, Kan.

Chicks: Bloodtested. Rocks, Reds, Wyandottes, Orpingtons, Minorcas, Leghorns, \$5.00 prepaid. Catalog free. Fortner's Hatchery, Butler, Mo.

Anconas, Leghorns, \$5.50; Rocks, Orpingtons, Wyandottes, Hybrids, \$6.50. Jenkins Hatchery, Jewell, Kan.

## AUSTRA-WHITES

Austra-White chicks for profit. More demand in community than any other. More vigorous and fast growing. Prices reasonable for high quality. Prepaid. ECK HATCHERY, MOUNDRIE, KAN.

AAA Austra-Whites—The fastest-selling hybrid. Better layers than Leghorns. Cockerels make fancy 2-lb. broilers in 8 weeks. Customers report raising 98 per cent. Pulorum tested. Postpaid. Chicks as hatched, \$5.95 per 100; Pullets \$11.95; Cockerels, \$3.45. Order early. Taylor Hatcheries, Box D, Iola, Kan.

## MINORCAS

Large Premium White Eggs produced by Pape Mammoth Minorcas (non-setters) insure steady cash income. Literature free. Globe Minorca Farm, Berne, Indiana.

## POULTRY PRODUCTS WANTED

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

## WHITE LEGHORNS

### 200-315 Pedigreed, Sired Pullets

Baby Pullets	2 weeks old	4 weeks old	Cockerels
\$9.00	\$13.00	\$15.00	\$2.00
per 100	per 100	per 100	per 100

SPECIAL PRICES ON R.O.P. Sired Pullets

NICE LEGHORN FARM, GREEN RIDGE, MISSOURI

## WH. LEGHORN

chicks from large 289 eggs. Bloodtested. Prices reasonable for high quality. Prepaid. Live delivery guaranteed. ECK HATCHERY, MOUNDRIE, KAN.

Famous Imported Barron's trapnested, pedigree, winterlay English strain; purebred ROP sired, bloodtested, state inspected. Missouri approved White Leghorns; guaranteed to lay two eggs to common chicken's one or money refunded; triple A chicks anybody can raise. 84c, prepaid, insured, catalog, Dr. Cantrell, Snow-White Egg Farm, Carthage, Mo.

Big Barron English White Leghorns—AAA chicks, \$5.90; pullets, \$11.95; cockerels, \$2.00, postpaid. Two weeks pullets, \$14.95 collect. Pedigreed, sired. Money-back guarantee. Heiman's Hatchery, Montrose, Mo.

## NEW HAMPSHIRE REDS

Famous Purebred, Bloodtested. State inspected, Missouri approved New Hampshire Reds. Guaranteed winter layers or money refunded. Feather quick. Leghorns, grow faster, and start laying as young—around 4 months. Circular free. New Hampshire Ranch, Carthage, Mo.

## WHITE ROCKS

WHITE ROCK chicks from blue ribbon egg producers, thrifty and fast growing. Prices reasonable for high quality. Prepaid. ECK HATCHERY, MOUNDRIE, KAN.

## RHODE ISLAND REDS

S. C. RED chicks from early feathering, trapnested, matings. Blood quality. Prepaid. Prices reasonable for high quality. ECK HATCHERY, MOUNDRIE, KAN.

Rose Comb Rhode Island Red chicks, \$6.50 hundred. Jenkins Hatchery, Jewell, Kan.

# FARMERS MARKET

**RATES** 6 cents a word each insertion if ordered for 4 or more consecutive insertions, 8 cents a word each insertion on shorter order, or if copy does not appear in consecutive of the advertisement. When display headings and white space are used, charges will be based on 50 cents for repeated insertion. Heads 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

## SQUABS

Get Weekly Squab Money. Thousands wanted. Luxury prices. Marketed only 25 days old. Ask Rice, Box 319, Melrose, Mass., for eye-opening free poultry book.

## TURKEYS

### TURKEY POULTS FROM CHOICE STOCK

	100 & Over	500 & Over	1000 & Over
May 1 to 17.....	36c	35c	34c
May 18 to June 1....	32c	31c	30c
June 1 to 15.....	30c	29c	28c
8 weeks old.....	95c		
10 weeks old.....	1.25		

STEINHOFF HATCHERY, Osage City, Kan.

Turkey Poults: Broad breasted that live, grow and top the market. Feight Turkey Hatchery, Clyde, Kan.

Bronze Eggs and Poults. Reasonable. 1500 per week. Haug Bros. Turkey Farm, Vermillion, Kan.

Baby Turkeys, \$25 hundred, Jewell Co. Hatchery, Mankato, Kan.

## CORNISH-DUCKS-HYBRIDS

Dark Cornish, Pekin Ducks, Hybrids, Cornish Bantam eggs. Sadie Mella, Bucklin, Kan.

## DUCKS AND GESE

Giant Pekin Ducklings. Mammoth poults. Ship anywhere. Mammoth Hatcheries, Denver, Colo.

## SEEDS

### Hardy, Recleaned Alfalfa Seed, \$10.30

Grimm Alfalfa, \$11.00; Sweet Clover, \$3.20; Red Clover, \$3.50. All 60-lb. bushel, track Concordia, Kansas. Return seed if not satisfied.

GEO. BOWMAN, CONCORDIA, KANSAS

Pure Certified Pink Kafir, Wheatland Milo, cane and of high germination and purity. Fort Hays Experiment Station, Hays, Kansas.

Certified Blackbull Kafir, germination 93% purity, 99.95%, \$3.00 per hundred. Rolland Klaassen, Whitewater, Kan.

Sargo, 94% germination, 98.52% purity, 50 bushel or more 2c per pound. R. T. Lewellen, Eldorado, Kan. Rt. 4.

Affidavit Atlas Sargo, \$2.00 per cwt. Hegari \$1.75. Hi test, recleaned. J. J. Merillat, Rt. 6, Topeka, Kan.

Certified and Scarified Biennial White Sweet Clover seed, \$4.20 bushel. H. E. Davis, Norwich, Kan.

Certified Atlas Sargo Seed 4c. Germination 90, purity 99. O. J. Hartzler, Harrisonville, Mo.

White Proso Millet, \$3.00 per 100 lbs. track Concordia. Geo. Bowman, Concordia, Kan.

Fancy Milo, Kansas Certified. E. A. Stephenson, Kingsdown, Kan.

## PLANTS-NURSERY STOCK

Certified Nancy Hall, Porto Rico potato, tomatoes, cabbage, plants. Assorted as wanted: 500-85c; 1000-\$1.50, postpaid. Guaranteed satisfaction since 1918. Thos. F. Reid, Russellville, Ark.

Potato Plants—Porto Rico, Nancy Hall, Red Velvet, 500-\$1.00; 1,000-\$1.75; 2,000-\$3.00. Postpaid. Prompt shipment. Culver Plant Farms, Mt. Pleasant, Texas.

Plants: Onion 1000-50; 3000-\$1.25; 6000-\$1.75. Tomato or potato 500-75c; 1000-\$1.25. Warren Plant Farm, Carrizo Springs, Tex.

White Proso Millet \$3.00. Kansas certified Pink Kafir \$4.00 per 100 lbs. Track Concordia. Geo. Bowman, Concordia, Kan.

## EDUCATIONAL

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

Learn Electricity by doing real laboratory and shop work. Write or visit our school. Sheddan Electric School, 1322 East A, Hutchinson, Kan.

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

## AUCTION SCHOOLS

Learn Auctioneering—Get catalog. Term opens August 5. McKelvie School, Box 188-C, Council Bluffs, Iowa.

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

## DOGS

Puppies: Shepherds, Collies. For watch and stock. Reasonable. E. N. Zimmerman, Flanagan, Ill.

Scott Collie Puppies, also English Shepherds. Natural heelers. F. Barnes, Solomon, Kan.

English Shepherds. Natural heelers. Spayed females. Ed Barnes, Collyer, Kan.

## VETERINARY SUPPLIES

Sleeping Sickness—season treatment (two 10cc doses) government licensed "Chick" vaccine, 50c postpaid. Inquire free syringe deal, educational literature. Brawner Serum Co., 1611M, Central, Kansas City, Mo.

## ELECTRICAL SUPPLIES

500 Watt, 110 Volt, Alternating Current Generator \$22.50; 1000 Watt, Direct Current generator \$25.00; 3450 Speed Repulsion Induction, Alternating Current Motors \$10.50. Other Bargains. Butler Electric Co., 1885 Milwaukee, Chicago.

## MACHINERY

### BARGAINS USED TRUCKS

Large stock of good used Pickups and 1 1/2-ton trucks—1934-35-36-37. Priced from \$135 up.

INTERNATIONAL HARVESTER CO. 114 N. Kansas Phone 2-1156 Topeka, Kan.

Rebuilt, Shop Worn and Used machinery priced to move. Model D John Deere tractor No. 114083, rebuilt, \$400. Model B John Deere 1939 like new, \$575. Holt Caterpillar \$100. 15-30 McCormick Deering \$150. 3 1/2 yard Marshall concrete mixer, good, \$450. 8 ft. Russell gradal, good, \$200. 6 ft. Killefer Rotary scraper, good, \$200. 6 ft. hoe, 20 Caterpillar size, \$50. 51A White truck, new tires, \$250. No. 5-12 ft. John Deere combine on rubber, \$550. 26-46 Case steel thrasher, fair, \$100. Gleason 12 ft. combine, \$150. 5510 Fairbanks 6 inch centrifugal pump, like new, \$65. 601 John Deere three row listed corn cultivator, like new, \$50. Two, three and four bottom tractor plows, cultivators, listers, potato diggers, potato sorters, grinders, engines. Write for our free bargain list. What do you need? Perhaps we have it. Green Brothers, Lawrence, Kan.

Farm Supplies Wholesale Prices. Binders twine, bale ties, wholesale prices. Complete stock of highest quality merchandise. Cultivator shovels with backs, per set (4) \$2.24; set of (6) \$2.50. Box 20 motor sections and rivets 85c. A 5-ft. mower knife \$2.05; 6-ft. \$2.20. Upper elevator canvas \$5.17. Combine canvases for every machine. Barb wire, 80 rod galvanized 12 1/2 gauge \$3.25; Hog \$3.40; fencing 19c per rod up. Free catalog. Western Merc. Co., 1606 Liberty, Kansas City, Mo.

More Grain for Your Combine. Get into harvest to get it all; less power, no cracking; faster. Don't fool with worn cylinder bars; get the Ausherman Reversible Self-Sharpening bars. Better in any straw and by far the best in tough straw. Soon saves cost in grain saved. Made for bottom combines by established square-dealing company and years field tested. Time is short. Write today for full details. Ausherman Mfg. Co., Wichita, Kansas.

For Sale: 1 used W. C. tractor, Allis-Chalmers. 1 used U tractor Allis-Chalmers, 1 6-ft. John Deere combine, used. 1 12-ft. Case combine, cheap. 1 26-in. Case separator, priced to sell.

1 28-46 Avery separator, used 18 days. 1 model Ford 1 1/2 ton truck with bed, cheap. 1 5-ft. All-Chalmers harrow, used. Other used machinery of all kinds. Phone 18, Baldwin, Kansas. Madl Implement Co.

Ford's Portable Hammermill Operators make regular weekly net earnings, \$50, \$75, \$100 and more. Ford's 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. Myer-Sherman Company, 1414 12th, Streator, Illinois.

Minneapolis-Moline Combines on rubber and steel \$700.00 up; also Baldwins, New Massey-Harris tractors on rubber, new 10 ft. M. H. power binder, at big discount, 4 and 5 bottom plows. M. O. Koesling, Osborne, Kan.

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

Irrigation Pumps, Water Systems, lighting sale. Sterling Machinery Corporation, 411 South-west Boulevard, Kansas City, Mo.

22 Inch Case Thresher, Model CC Case tractor, 12 ft. rubber, used two years. Cheap for cash. C. L. Gadt, Alma, Kan.

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

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

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

Baldwin Combines, sold on acre basis. Thompson Brothers, Minneapolis, Kan.

## TRACTOR REPAIRS

Save Up to 75% on tractor parts. All makes. Send for big 1940 free catalog. Irving's Tractor Lug Co., Galesburg, Ill., Wichita, Kan.

Write for Free Large 1940 Catalog of used and new tractor parts. Satisfaction guaranteed. Central Tractor Wrecking Co., Boone, Iowa.

Used and New Tractor Replacement parts at tremendous savings. Write for free 1940 catalog. Tractor Parts Company, Salina, Kan.

## REBUILT TELEPHONES

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

## TOBACCO

Kentucky's Special—Guaranteed best mild Smoking or red Chewing, 12 pounds \$1.00. Recipe, flavoring, box plugs free. Valley Farms, Murray, Kentucky.

## PATENT ATTORNEYS

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

## SILK HOSIERY

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

## HELP WANTED—MALE

Make Your Own Job—be your own boss. Make money with small investment, grinding feed with Gehl portable mill—new or used. In the new single motor Gehl mill one engine operates both truck and hammer mill. Good profits. Terms to responsible parties. Write for particulars. Martin & Kennedy, 1304-B Street, Kansas City, Mo.

## 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.

## PHOTO FINISHING

**FREE** extra set of prints from each roll. Any 6 or 8 exposure roll 25c. LEONARD PHOTO SERVICE Box K-990, St. Joseph, Mo.

Roll Filmachine 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 plus folding folio to frame your prints and 2 free enlargements, 25c. Dean Studios, Dept. 2066, Omaha, Nebr.

15c Develops & Prints 8 pictures from any 6-8 exposure roll, or two prints each and enlargements 10c from negative. Coin. Immediate service. Malters on request. Guaranteed finishing. 20 years' experience. Anderson Studio, Hutchinson, Kans.

Prompt Service—Guaranteed work. Two beautiful Portrait Type Doubleweight enlargements, eight neverfade glossy prints, each roll 25c. Dubuque Film Service, Dubuque, Iowa.

Two Beautiful Professional double weight enlargements, eight lifetime prints, 25c. Prompt, careful. Film malters free. May's Photo Shop, Box 870-AC, LaCrosse, Wis.

At Last! All Your Snapshots in natural colors! Roll developed, 8 natural color prints, only 25c. Reprints, 3c. Amazingly beautiful. Natural Color Photo, Room 31, Janesville, Wis.

Roll Developed, 8 Guaranteed Prints, two beautiful professional enlargements, 25c. Very quick service. Expert workmanship. Perfect Film Service, La Crosse, Wis.

Prompt Service—Quality work; 2 beautiful doubleweight glossy 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.

Two Beautiful Prints from each picture on roll 25c. Twenty years of satisfied customers. Quick service. Lens Photos, Dept. J-1, Janesville, Wis.

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

One Print and One Free 4x6 enlargement of each of all six or eight negatives on a roll, 25c. Jumbo Laboratories, Box 426, Lincoln, Nebr.

Lifephoto Finishing Lasts a life time. Roll developed, 16 prints, two enlargements 25c. Prints 1 1/2c. Life Photos, Hutchinson, Kan.

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

Look! Sixteen Sparkling Neverfade Prints per roll, and valuable enlargement coupon, 25c. Modern Studios, LaCrosse, Wis.

Roll Developed, 2 prints each negative, 25c. Reprints 3c. Crown Studios, Dept. 20, Box 1223, Dallas, Texas.

Beautiful Enlargement from each picture on roll 25c. Cut Rate Photos, Dept. A-4, Janesville, Wis.

## BULL HALTER

Combined Bull Halter and Controller. Makes any bull safe. Turn him out with complete safety. Stops fence jumpers. Money-back guarantee. Write for circular. Russell & Company, Dept. 31, Plattville, Wis.

## SPARROW TRAPS

Sparrow Trap. My Homemade Trap caught 151 sparrows in 9 days. It's cheap and easy to make. Plans 10c. Sparrowman, 1715-A Lane St., Topeka, Kan.

## FISH BAIT

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

## LAND—KANSAS



**WORK SHIRTS**

**JANGLE-SAN**

**WORK SHIRTS**

**Prize Winners for Wear and Comfort**

If your dealer does not have them, write to . . .

**SALANT & SALANT, INC.**

56 WORTH STREET, NEW YORK, N. Y.

#### LAND—MISCELLANEOUS

### Federal Land Bank Farms

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

**THE FEDERAL LAND BANK**  
Wichita, Kan.

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

California Irrigated Farm, improved. Widow sacrificing. J. Esau, Los Molinos, Calif.

### Noxious Weeds Spread

By L. W. KEPHART

The "weed problem" on American farms has changed radically in the last generation. From concern over cultivation of annual weeds in tilled crops, interest has shifted chiefly to the "noxious weeds," mainly perennials, which have been spreading alarmingly.

Fifteen years ago the noxious weed areas did not greatly exceed 1 million acres. Now these weeds have "taken" about 6 million acres of good farmland west of the Mississippi, with crop production checked or prevented, not only on single farms, but in whole townships.

Two factors have played a great part in this spread. Since 1930 an unusual series of dry years has proved extra favorable for seed production by the weeds. Economic depression increased farm tenancy and a general let-down in farm care. The present situation will not greatly improve and noxious weeds will continue to increase, unless vigorous measures are taken to combat them.

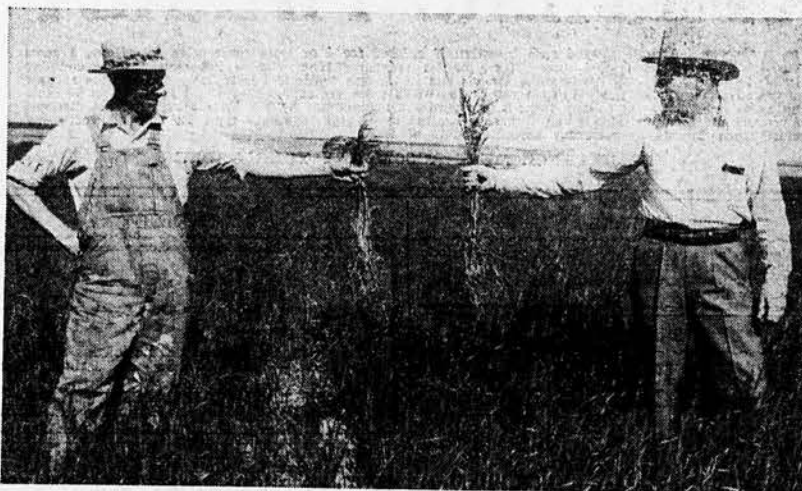
The situation has roused many farmers. The Federal seed law has been made more effective. Thirteen states have adopted new laws or revised old laws on weed control, and 8 states are co-operating with the Bureau of Plant Industry.

### Trapping for Flies

Flytrapping should begin early if it is to be of greatest value. The U. S. D. A. bulletin on Flytraps and Their Operation, suggests types of traps, uses and limitations of flytraps, baits and bait containers and care and location of traps. There are several illustrations. For a free copy of this publication and any of the others listed below, please order by number, addressing your post card to Bulletin Service, Kansas Farmer, Topeka.

- No. 734—Flytraps and Their Operation.
- No. 1371—Diseases and Insects of Garden Vegetables.
- No. 1495—Insect Enemies of the Flower Garden.
- No. 1549—Feeding Cattle for Beef.
- No. 1566—Sorghum Midge, With Suggestions for Control.
- No. 1584—Feedlot and Ranch Equipment for Beef Cattle.
- No. 1631—Broomcorn Growing and Handling.
- No. 1679—Popcorn.
- No. 1764—Growing and Feeding Grain Sorghums.
- No. 1780—How to Fight the Chinch Bug.

## Fallowing Doubles Yield



Dave Langhofer, of Meade county, estimates his summer-fallow wheat will yield twice as high as his wheat adjoining which is on land that raised wheat last year. Mr. Langhofer stands in the continuous cropped field and holds a sample in his hand, while county agent, J. E. McCollm, does the same in the fallowed field.

**W**HEAT raising experiences in Meade county have convinced Dave Langhofer that farmers in that area can well afford to summer-fallow half of their wheat acreage every year. Mr. Langhofer's present wheat crop proves his statements. He has wheat on summer-fallow land, growing side by side with wheat on land that produced 20 bushels of grain to the acre last year.

While inspecting the wheat early in May, Mr. Langhofer predicted that the crop on summer-fallow land would yield twice as much as the crop on land that produced wheat last year. He estimates that with favorable conditions from now until harvest time, the best field will yield around 30 bushels an acre.

Mr. Langhofer reasons that it is far more economical to have a 30-bushel crop every other year than to have a 15-bushel crop every year. It simply does away with harvesting expenses every other year and brings about the same amount of wheat. The fallowing system also helps insure against complete failure on extremely dry years.

Some of the finest wheat in Western Kansas this year is found in parts of Meade county. Some areas there received rain at planting time last fall, and this helped bring their good stands.

### More Shorthorn Breeders

Kansas ranks fourth in the nation in number of new members in the American Shorthorn Breeders' Association, Chicago, Ill., according to figures recently released by the Association. Forty new members were added from Kansas. Kansas farmers, says Secretary H. J. Gramlich, find the Shorthorn cows ideal in filling the milk pail and at the same time producing desirable beef calves and themselves selling for good quality beef when their milking days are over.

### Women Study Voice

Last year, for the first time, women of Kansas studied the fundamentals of speech and voice thru the Kansas State Extension Service as a regular project. Previous, there was some work done in demonstration and choral reading, but nothing so specific and to the point as the work completed last year. Eighteen home demonstration agent counties carried this project, with 3,610 women participating.

If it were possible to count the number of homes where constant friction is caused by unpleasant voices, the number would be alarming. Thru the better speech project during the year, 1,499 families have become interested and are working toward more attractive voices. Many counties reported that families are making a sort of game out of these voice exercises where the entire family take part. Some families have children with definite speech problems and are deriving help for

them. Out of the 4,370 women receiving this training in speech, 2,000 were interested primarily for their children.

### Herd Sets New Record

Highest average ever made by a Holstein herd on a twice-daily milking schedule has recently been completed by the 8-cow herd owned by Walter Splinter, Winslow, Ill. These 8 Holsteins, starting their record-making year at an average of only 4 years 1 month old, averaged 615 pounds butterfat from 16,366 pounds milk, testing 3.8 per cent. The highest individual record was 709.6 pounds butterfat and the lowest 557.9. Testing was supervised by the Holstein-Friesian Association of America, Brattleboro, Vt., in co-operation with the Illinois State College of Agriculture.

### Public Sales of Livestock

- Jersey Cattle**  
June 1—Clifford Farmer, Willard, Mo.  
June 12—Edwin M. Livingston, Junction City.
- Milking Shorthorns**  
October 2—Lawrence Strickler Estate, Hutchinson.
- Aberdeen Angus Cattle**  
June 3—James B. Hollinger, Chapman.  
June 17—E. H. Liston Estate, Walker, Mo. Sales Manager, Lester V. Galbraith, Webb City, Mo.  
October 7—Nodaway County Angus Breeders Association, Maryville, Mo.
- Shorthorn Cattle**  
October 18—Bellows Brothers, Maryville, Mo.  
October 19—Tomson Bros., Wakarusa.  
October 23—North Central Kansas Shorthorn Breeders, Beloit. Edwin Hedstrom, Secretary, Clay Center.
- Angus Cattle**  
October 7—Nodaway County Angus Breeders Association, Maryville, Mo.
- Hereford Cattle**  
June 24, 25—Rothschild Farms, Norton.
- Poland China Hogs**  
October 17—A. L. Wiswell and Son, Olathe.
- Sheep**  
July 25—Reno County Ram Sale, Herman H. Schrag, manager, Pretty Prairie.

### IN THE FIELD

**Jesse R. Johnson**  
Topeka, Kansas



**WASHBURN DUROC BREEDERS ASSOCIATION**, located at Topeka, have 75 head of March pigs, boars and gilts. They are out of dams from production-tested litters.

We are calling your attention to the change of address of **BERT POWELL**, auctioneer. Col. Powell's new address is 1531 Plass Avenue, Topeka, Kan. Former address was 715 Lincoln St., Topeka.

**FRANK HOFFMAN AND SON**, Pretty Prairie, have one of the high-producing Holstein herds of the country. The herd has been on DHIA for several years, and bulls from the herd have gone out for service in many parts of the state.

**W. R. BROWN**, Pottawatomie county stockman, recently topped the Kansas City market on 53 head of purebred Aberdeen Angus calves fed on his ranch near Emmett. Mr. Brown has a herd of about 400 breeding cows.

**ADAM H. ANDREW**, of Girard, has bred good registered Scotch Shorthorns for many years. He is a student of pedigree, but insists that the individual measure up to the promise of his ancestors. Mr. Andrew has a small herd of good quality.

**MR. AND MRS. E. L. PERSINGER**, of Republic, dispersed their herd of fine Jerseys a few years ago, keeping only a few head. Now

Jesse R. Johnson, Manager,  
Livestock Advertising, Kansas Farmer.  
Dear Sir—Please find enclosed check for advertising in Kansas Farmer for issues of April 6 and 20 and May 4. We are well satisfied with results. We could have sold all of our herd of females.  
Brookside Jersey Stock Farm,  
Marshall Brothers, Proprietors,  
Sylvia, Kansas.

they have another herd, 13 cows in milk and a lot of young heifers and bulls. They have a bull from the Charley Copeland herd now in service.

**MIKE WILSON**, auctioneer and registered Aberdeen Angus breeder of Muscotah, reports everything above par in his part of the state. His cattle came thru the winter in good condition, and grass is the best it has been for years. The demand for all kinds of cattle is strong, and Mr. Wilson believes it will continue indefinitely.

**A. L. WITHERS**, located on Highway 92, just west of Leavenworth, is an old-time breeder of Shorthorn cattle. For many years Mr. Withers bred the old-fashioned Shorthorns, and he developed as best he could a combination of fleshing and milking qualities. In more recent years he has used milking-bred sires. He has quit registering, but continues to breed purebred Shorthorns.

**G. M. SHEPHERD**, veteran Duroc breeder, of Lyons, was never better fixed to supply the wants of old and new customers. He has every kind of Duroc for sale from weanling pigs to serviceable boars and bred gilts. Mr. Shepherd is featuring the blood of Red Ace, a top son of the 7-state grand champion. A fine lot of gilts have been bred for June and July farrow to this boar. Others have been bred to Iowa Leader, sire of many noted boars.

**TOMSON BROTHERS** report good demand for all kinds of breeding stock. They wintered about 150 head of Shorthorns which came thru in good condition, considering the long winter. The Brothers always have breeding stock for sale. Just now they have a dozen serviceable bulls, the kind that will improve farmers' and commercial growers' herds. They are in nice breeding form, and readers are invited to visit the farm, near Wakarusa, and look them over.

Nothing should attract the attention of Jersey cattle breeders, farmers, and dairymen from the **EDWIN M. LIVINGSTON REDUCTION SALE** at Junction City, Wednesday, June 12. The offering will be first-class from the standpoint of both type and production. The bloodlines guarantee continuance of performances. Fifteen head of cows and heifers giving milk or near freshening, will be attractions. Heifers, bred and open, and the herd bull should interest many. Write at once for catalog of this sale.

I have an unusually interesting letter from **GRANDVIEW DUROC FARM**, W. R. Huston, always looking for the best and grateful for what comes his way, says good slow rains have started the streams and insured growing crops for the present at least. He says the Duroc business is fine. He has a great lot of spring pigs and plans to give them the best possible care. Mr. Huston is a real Duroc merchant; he has hogs for sale every week in the year. Address is Americus, Kan.

Mr. Kirkpatrick, president of the **SECURITY BENEFIT DAIRY**, mentioned to us when he was in the other day that he had received so many letters from breeders asking whether the records stated in their advertisement in the May 18 issue of Kansas Farmer, were made on 3- or 4-time milking, that he wanted us to tell our readers all records mentioned in that ad as well as any records that may be mentioned in future advertisements, are made on strictly 2-time milking, the farmer's way of milking cows.

Lester V. Galbraith, Webb City, Mo., authorizes us to claim June 17 as the date of the **DR. E. H. LISTON ESTATE SALE** of registered Angus. Dr. Liston, who lived at Nevada, Mo., had a herd of this breed on his farm near Walker, Mo., which is 12 miles east of Nevada. To settle the estate, the administrator will make a complete dispersion of the herd. With 55 head selling in pasture condition, this sale should be of interest to farmers and those wanting good breeding stock not loaded with fat. Write to Mr. Galbraith if interested in a catalog.

**A. L. WISWELL AND SON**, of Olathe, continue to breed registered Poland Chinas with which to supply the needs of their old and new customers in Kansas and Missouri. They have 65 fine pigs on the farms. A large per cent are sired by the proved sire, Top Rowe's Ace. A few are sired by Ten Strike, the boar recently sold for service in the Buck and Doe Run herd for \$500. Breeding better Poland is a regular business for Wiswell and Son. They are not the "in and out" sort of producers. Uniformity in type and numbers stabilize their operations and reasonable profits follow. Their annual fall sale will be held on October 17th.

**FRANK FINKELSTEIN**, businessman of Hutchinson, has purchased and is improving a stock farm 17 miles south and 3 east of Hutchinson, not far from Pretty Prairie. New buildings have been erected and others remodeled. A nice dairy barn is among the most modern improvements. A small herd of registered Milking Shorthorns have been selected and purchased. The herd bull is a son of Fairacres Judge, the state grand

#### BERKSHIRE HOGS

**QUALITY BERKSHIRES**  
Now offering gilts bred for August and September litters. Sows bred for 2nd litters. Spring pigs either sex. Well grown, vaccinated, registered. Inquire of the Berkshire man, J. E. Frewitt, Pleasant Hill (Cass Co.), Mo.

#### AUCTIONEERS AND SALES MANAGERS

### BERT POWELL

**AUCTIONEER**  
LIVESTOCK AND REAL ESTATE  
1531 Plass Ave. Topeka, Kan.

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



# ABERDEEN ANGUS CATTLE

## Estate Sale of 55 REG. ANGUS



Farm is on all-weather roads and is located 12 miles N. W. of Nevada and 1 1/2 miles north of

Walker, Mo.  
Monday,  
June 17, 1 p.m.

46 Females — 4 Bulls

**THE FEMALES:** 15 cows with calves; 5 cows to calve by August 1st; 3 bred cows; 5 2-year-old heifers, some are bred; 6 yearling and 2 short yearling heifers.  
**THE BULLS:** A 4-year-old herd bull, Elbor of Lonjac 11th, and 3 young bulls. Condition and Health of Sales Offering: These Angus sell just as they come from the pasture. They are Tb. and Bang's tested. Breeding: The bloodlines here will interest you; write for a catalog to Lester V. Galbraith, 216 West Broadway, Webb City, Mo., Administrator of the **DR. E. H. LISTON ESTATE** Nevada, Mo.  
Auctioneers: Bert Powell & Art Radford

## Evans Sells Angus Bulls

I have sold an average of a bull a day for the last 40 days. If you want one of these good Nodaway County bulls you should act now. A few choice ones left. Inquire of **ROL EVANS, Maryville (Nodaway Co.), Mo.**

## Dalebanks Aberdeen Angus Farm

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

## JERSEY CATTLE

## Livingston's Jersey Cattle Sale

Junction City, Kan.,  
Wednesday, June 12

35 HEAD—Cows in milk, others near freshening. Bred and open heifers. Bull calves and the herd bull (COUNTRESS FINANCIAL KING). Write now for catalog.

**EDWIN M. LIVINGSTON**  
Junction City, Kan.

Jas. T. McCulloch, Auct.  
Jesse R. Johnson, Fieldman

## EAGLE'S ZORIC OF OZ

another outstanding son of "Old Eagle," one of the breed's most potent Superior Sires, has for his dam Marigold of Oz, another Gold Medal matron bred at Rotherwood. "Marigold" is the all-time all-high Jersey butterfat producer for the State . . . and this promising son is now proudly owned by Mr. B. H. Jones, Route 2, Coffeyville, Kansas. **A. LEWIS OSWALD, Rotherwood Jerseys, Hutchinson, Kan.**

## HOLSTEIN CATTLE

## Bulls for Sale or Lease

Haven't you heard this oft repeated advice: "Be sure your next herd sire is from proven sires on both sides of the pedigree and from a proven cow family"? We have a young bull for lease whose sires for 3 generations back are all proven sires of production, including Carnation Ormsby Inka Matador, Montvic Chief, Best Ormsby Bess Burke, Matador Segis Ormsby, and Sir Inka May, the last 2 being the highest production sires of the Holstein Breed. This proven blood is something you do not very often get in a herd sire, regardless of price.

**SECURITY BENEFIT DAIRY**  
Topeka, Kansas

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

## GUERNSEY CATTLE

**Guernsey Calves** Four choice unregistered month-old Guernsey Heifer Calves and purebred Bull Calf same age, not related. The 5, price \$122.50 delivered, C. O. D. Lookout Farm, Lake Geneva, Wisconsin

## GUERNSEY BULLS

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

## Registered Guernsey Bull

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

## AYRSHIRE CATTLE

## Registered Ayrshire Bull

For sale: One 4-year-old Registered Ayrshire Bull, \$150. Sired by Penhurst Ultimatum. His heifers test 4:10 and up. One 3-month-old Bull Calf.  
**Echo Valley Dairy, M. B. Miller, Madison, Kan.**

## DAIRY CATTLE

## FANCY DAIRY HEIFERS

\$8.00, \$10.00 and \$15.00. Registered Bull \$25.00. Shawnee Dairy Cattle Co., San Antonio and Dallas Write Box 5313, Dallas, Texas

## POLLED HEREFORD CATTLE

## POLLED HEREFORD BULLS

One herd bull and some yearlings.  
**HARRY RIFFEL, HOPE, KAN.**

## KANSAS FARMER

Publication Dates, 1940

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

## Advertising

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

champion, formerly owned by Johnson and Peterson, of Assaria, and now heading the Hunter Bros. herd at Geneseo. The cows are on DHIA test and doing well from the standpoint of production.

**C. E. McCLURE**, registered Hampshire breeder located at Republic, in Republic county, continues with his usual steadfastness of purpose. He has about 200 spring pigs, bred for uniformity and with bloodlines suited to guarantee uniformity. Mr. McCleure plans to show this year as usual, and he looks forward to a heavy demand for breeding stock. The crop outlook is the best it has been for a long time, and the heavy acreage of row crops in the West, made possible by the poor wheat stand, insures plenty of fall grains. A lot of the spring pigs were sired by Fancy Emblem, first prize junior yearling at the Kansas State Fair last year. This boar is a grandson of the national grand champion, High Score.

**J. E. PREWITT**, of Pleasant Hill, Mo., finds that despite the low cycle of hog prices we are passing thru, interest in Berkshires is good. Since January 1, 1939, he has sold more than 100 head of all ages for breeding purposes. He now has 75 head of spring pigs and more sows to farrow. Sixteen gilts are bred for fall litters. Most of the spring pigs are sired by Prewitt's Hobkirk and Royal King. A son of Sycamore Air Pilot has recently been added to the list of herd boars. He comes from the Mumm farm of Yutan, Neb. The sows and gilts farrowed an average of 10 1/4 pigs to the litter and are raising a good per cent of them. Four sows raised 33 fall pigs. Seven different bloodlines are now found in the herd.

On his nicely improved Blue River valley farm, 1 mile south of Randolph, **R. E. BERGSTEN** and his two sons are making a good headway breeding registered Hampshire hogs. For several years Mr. Bergsten used registered Hampshire boars and convinced himself of the merit of the breed from the standpoint of a Kansas farmer. The herd boar, Willis Standard, was bred by Sugar Grove Farm. He is a son of the 1935 national grand champion, Will Rogers, and himself second at the National Swine Show, 1939. The 85 choice even-type pigs were sired by him with the exception of 2 or 3 litters. In laying the foundation for the herd, stock was purchased from leading breeders of Kansas, Nebraska, and Minnesota. Several choice last fall gilts, sired by a son of the 1938 Line Reider, are now being bred for fall farrow.

**ETHYLEDAL FARM**, a few miles north of Emporia, is the home of Dale Scheel and his wife, Ethyl. The farm has been in the family since the Civil War and has always been devoted to producing good livestock. It is a horse farm; that is, horses supply the power for producing crops on the farm. Almost everything necessary to the maintenance of a profitable stock farm may be found on the place. Holstein cattle and grade Angus calves are being pastured and fed under the College deferred feeding plan. Mule colts are raised from work mares. But most interesting and probably of greatest importance is the fine herd of registered Hampshire hogs. The place is unusually well arranged with grazing lots. About 100 spring pigs are on hand and sows are being bred for fall farrowing. The pigs were sired by 3 different boars, and a specialty is being made of selling pairs and trios unrelated. The principal sires are sons of Line Rider and Silver King, 1938 and 1939 national grand champions. Mr. Scheel recently sold 17 spring gilts to the Hutchinson Chamber of Commerce for use in 4-H Club work.

**NORTH CENTRAL KANSAS SHORTHORN BREEDERS ASSOCIATION** held their first annual picnic May 24, on the A. H. Tasker farm, near Delphos. About 200 Shorthorn breeders and farmers who use Shorthorn bulls and other visitors attended. A judging contest was staged in the forenoon and a business meeting in the afternoon. A big dinner was served by wives of the breeders. Interesting talks were made by James Tomson, of Wakarusa, Mr. Larson, fieldman for the American Shorthorn Breeders Association, and others. The Ottawa county 4-H band provided music. Breeders were in attendance from 6 or 7 counties. Calves used in the judging contest were largely sons and daughters of Mr. Tasker's great breeding bull, Highland Model. Johnson Bros., of Delphos, showed their new herd bull, a grandson of Prentis. Prizes were given for the best guess on his weight, won by Frank Caldwell, of Delphos, and Mr. Walker, of Osborne. King Bros., of Delphos, also exhibited their new herd bull recently purchased from a leading Nebraska herd. The association voted to hold their 1940 combination sale at Beloit on October 23.

In all probability the greatest sale of purebred livestock to be held in the state this year will be the **ROTHSCHILD HEREFORD SALE** at the farm, 15 miles northwest of Norton. Everything indicates from the number to be sold that it will not be surpassed if equalled this year. Five hundred and twelve head of registered Herefords to be sold in a 2-day auction will attract buyers from a wide area, as the class of breeding stock to be sold is such that this sale is attracting unusual interest. As this is an estate sale everything sells. Foundation families that have carried this herd forward for years and have given a most excellent account of themselves will sell. This only occurs in a complete dispersion sale. L. S. Rothschild, 10th and Main Sts., Kansas City, Mo., who has active charge of the sale and has been actively identified with the ranch for years has this to say: "This 6,000-acre ranch and the herd of registered Herefords has made us money during the time we have operated it. We are disposing of the cattle and the ranch to settle my father's estate. The 6,000-acre ranch is for sale at private treaty, and bids will be accepted on it by the acre until 10 o'clock of the second day of the Hereford sale. It is equipped for the raising of cattle, either commercial or purebreds, and we think the proposition we have to offer on this ranch will interest anyone wanting something of this kind." Information about the ranch or Herefords selling may be obtained by writing L. S. Rothschild at once. Sale catalogs are ready.

## Complete Herd Dispersion

# 512 REGISTERED HEREFORDS

## at AUCTION - JUNE 24-25

## Rothschild's Hereford Herd

### 83 BULLS and 429 FEMALES

### of Quality, Type, Conformation and Ruggedness



This herd of Herefords has always made money and is making good money today. Its bull productions are known over a wide territory, the bulls having been shown annually at the National Western and Roundup shows, and sold to leading ranchmen. Louis P. Rothschild, the founder of the herd, died in 1934 and the herd and ranch are being offered for sale to settle his estate. The future looks bright for the cattleman, and the 512 lots, 83 bulls and 429 females, will be real bargains for the buyers. The herd is clean, practical, at its very best in Hereford production.

## Monday and Tuesday, June 24 and 25

These two days for careful study and selection. This sale offers top herd sires—good bull prospects—cows with calves and bred cows and heifers. Write for catalog and be on hand.

## Special Announcement: RANCH FOR SALE

Written bids for the purchase and delivery of the ranch unencumbered to the purchaser will be received up to 10:00 a. m., June 24, 1940. The ranch comprises approximately 6,000 acres so it is suggested that bids be made on a per acre basis. All bids should be accompanied by bank draft or certified check for \$1,000.00. If accepted the difference between \$1,000.00 and one-half the purchase price must be paid in 30 days. Arrangements can be made to carry the balance of the purchase price on such convenient terms as may be agreed upon. The owners reserve the right to reject any and all bids.

## Rothschild Farms, Norton, Kan.

Louis S. Rothschild Tom Paterson, Mgr. A. W. Thompson, Auctioneer  
Jesse R. Johnson, Representing Kansas Farmer

## SHORTHORN CATTLE

## Shorthorn Bulls

### For Sale

12 good rugged, strong bulls. Ready for service, 12 to 18 months old. Suited in breeding and type to sire calves of quality, that sell higher. Priced reasonable for quick sale.  
**TOMSON BROS., WAKARUSA, KAN.**

## REG. SHORTHORN BULLS

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

## Shorthorn Bulls, Serviceable Age

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

## Yearling Shorthorn Bull

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

## Amcoats Offers Shorthorn Bulls

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

## POLLED SHORTHORN CATTLE

## Banburys (Hornless) Shorthorns

20 Bulls, 6 to 15 months old. \$75 to \$150. Recorded. Females not related. 22 west and 6 south of Hutchinson, Kansas.  
**Banbury & Sons, Plevna, Kan.**

## MILKING SHORTHORN CATTLE

## GOOD BULL FOR SALE

18-mo.-old Milking Shorthorn Bull. Good individual with the best of breeding back of him.  
**CLARENCE COOK, LYONS, KAN.**

## POLLED MILKING SHORTHORNS

## Polled Milking Bred Shorthorns

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

## SHEEP

## KARAKULS

The best sheep grown. Furs, wool, mutton. Come and see them.  
**LeRoy Kunej, 648 Madison, Adrian, Mich.**

## DUROC JERSEY HOGS

## March Duroc Boars and Gilts

75 head production tested litters. Pairs unrelated. Best of world breeding and type. Suited for 4-H Club work. \$10 per head while they last.  
**WASHBURN DUROC BREEDERS ASSN., Topeka, Kan.**

## 275 DUROCS OF ROYAL BLOOD

50 years of shorter-legged breeding behind them. Boars, all sizes and ages. Bred Gilts. Reg., Immured. Shipped on approval. Catalog. Photos. Come or write me.  
**W. R. HUSTON, Americus, Kan.**

## HAMPSHIRE HOGS

**ETHYLEDAL HAMPSHIRE FARM**  
For sale: 100 March and April pigs (sired by sons of National Swine show champions), also bred sows, Line Rider and Silver King breeding. Immured. Write for circular. **DALE SCHEEL, R. 2, Emporia, Kan.**

## Bergstens' Reg. Hampshires

Willis Standard (son of Will Rogers Natl. Grand Champion) in service. Sows carry the blood of Smooth Clan, High Score, etc. 85 weaned, immured pigs for sale. Inspection invited.  
**R. E. BERGSTEN & SONS, RANDOLPH, KAN.**

## O. I. C. HOGS

## Selling Out My O.I.C. Hogs

All ages: Bred gilts, Sept. farrow, 1 yr. old, \$15. 2 for \$25. 150-lb. males \$13. 90-lb. pigs \$10. Inquire of Queen Clinkingbeard, Kirbyville, Mo.

## 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 rates we do not carry livestock advertising on our Farmers' Market page.

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

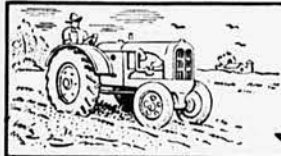
## SPECIAL PUBLIC SALE SERVICE

## KANSAS FARMER

Topeka, Kan.

Jesse R. Johnson, Manager  
Livestock Advertising Department





# The Tank Truck

News from your Conoco Agent about Farm Fuels and Lubricants



Here you see C. S. Overstreet, whose experience you'll read below. He is getting a delivery from Conoco Agent O. C. Clayton, who's back of the truck.

## "...a step ahead!"

A man from Kearney in Nebraska has written a letter quoted in this *Tank Truck* that might remind you of the good old game of "Follow-the-Leader." Remember being a kid and playing it? That was for fun, but this letter you'll read from D. P. Knobel tells why it was for his *profit* to keep up with the leader in lubrication. The leader, or in Mr. Knobel's own words, the one that's "a step ahead," is Conoco Germ Processed oil which gives engines the famous OIL-PLATING. Now you just read all of what this Nebraska farmer has taken the trouble to write, and see why it'll be for *your* own profit to follow *his* lead on OIL-PLATING any of your engines. He comes right out and says, "I have used your Germ Processed oil for the past three years. Had such marked success... in my 1928 Farmall Standard that I now use it in all my equipment including 1933 Chevrolet Truck, 1933 Chevrolet car and Model A car."

"I find less consumption with your oil and over a period of time I spend less for repairs. I believe your Germ Processed oil is a step ahead and that others will be forced to follow you some day." (But Germ Processed oil is patented.)

### More of the Same

There is such a mass of this favorable experience with OIL-PLATING that you can't afford not to pay attention, and ask yourself how much there'd be in it for you to do a little OIL-PLATING on your own hook. For example, up at the top of this page you see a picture of C. S. Overstreet from Spiro, Okla., who writes he farms about 200 acres with his John Deere equipment purchased in 1936. "Am using Conoco Germ Processed motor oil and Conoco kerosene in this equipment. I have used Conoco Germ Processed motor oil and Conoco Bronz-z-z Gasoline in other Automotive Equipment which I have, for about 7 or 8 years and find it satisfactory in every way."

This Conoco Germ Processed oil that farmers tell you is so mighty satisfactory, actually is a really different oil because it OIL-PLATES. Every drop of this oil—patented—contains a man-made extra substance which actually bonds a layer of lubricant direct to working parts, thus forming your engine's

OIL-PLATING. That's giving your engines some lubricant that's PLATED to the vital inner parts as closely as chromium is plated to your car's bumper. So then you can understand why OIL-PLATING would be *drain-proof*!... couldn't all go draining down to the crankcase—not even while the engine stands idle. Therefore every time the engine starts up, it isn't waiting on oil *circulation* to furnish the first *lubrication*. And you're not needing to worry about the engine starting up "dry" when it's got this faithful OIL-PLATING up there *in advance*, ready to do its job sooner than any oil-pump could even squirt one squirt. Instead of metal scraping metal for a single moment, you've now got OIL-PLATING sliding on OIL-PLATING!

Is it any wonder that farmers are so all-fired "sold" on Conoco Germ Processed oil, when it gives them this kind of protection to help keep engines from wearing sloppy and eating up oil?

### The Economy You Want

Plenty of other farmers, too, including Keith Tuttle of Karval, Colo., have figured all this out on a dollars and cents basis... and you'll believe they can't afford to be wrong. Mr. Tuttle's thousand-acre farm and ranch is a long way from a railroad or repair shop, and he says, "...to eliminate needless trips... I have settled down to the use of what I believe to be the most economical lubricating oil I can find. I have used Conoco Germ Processed oil since 1933. My John Deere tractor is taken down every Spring for inspection and for necessary reconditioning, but my repair and upkeep cost since using your oil has been nil... Needless to say, I expect to continue its use."

Now you'll agree that Keith Tuttle has sound reasons for staying with Conoco Germ Processed oil. But the most convincing facts you can get are the actual economy records of using Germ Processed oil *in your own equipment*. Call Your Conoco Agent today and arrange for a delivery of Germ Processed oil right to your farm.

### NEW CONOCO MILE-DIAL—FREE

Tells You True  
What Bronz-z-z Will Do!

For a daring new invention you've never seen anything exactly like the free Conoco Mile-Dial that Continental Oil Company purposely invented to let anybody get his own strict mileage check-up on Conoco Bronz-z-z gasoline. Get your Mile-Dial today at Your Mileage Merchant's Conoco station—FREE.

Put a Mile-Dial on any car and truck you own. By "averaging in" the fast driving with the slow, the hilly with the flat, the tough with the easy, your Mile-Dial gives you a fair and square mileage report—without your doing any memory work or heavy arithmetic! A simple twist of the Mile-Dial keeps track of your Bronz-z-z gallonage. Another twist, whenever you please, gives your true answer in miles per gallon of Conoco Bronz-z-z. Don't delay. Ask today for your free Conoco Mile-Dial, while Your Mileage Merchant still has a supply.



You've read how D. P. Knobel saved wear and tear on his pocketbook as well as on his car and tractor engines when he changed to Conoco Germ Processed oil 3 years ago. (Mr. Knobel is at the right of the picture.) You'll profit just as much as this farmer and thousands of others by remembering one big point, and here it is:—Your Conoco Agent will deliver Germ Processed oil in whatever quantity best suits your needs: barrels, 5-gallon drums, or those handy 5-quart and 1-quart dustproof cans. See him today, or better yet phone him right now.

### THAT'S AN IDEA

Do you know some handier way of doing things around a farm? Write your ideas to The Tank Truck, care of this paper. We will pay \$1.00 for each idea we publish.

To prevent a screw from working loose, drive a small staple over the head, fitting it into the slot. Harmon Barton, Route No. 1, Aledo, Texas.

If you have tire trouble at night, and have no flashlight, detach the rear-view mirror and hold it in front of the headlights to reflect light where needed. William M. Reiter, Route No. 1, Vinita, Okla.

A washboard standing in a tub makes a handy corn-sheller. Hold the ear of corn with the butt end up and run it down the board once. Then turn the ear of corn straight across the board to finish the shelling. Mrs. J. L. Mask, Perrin, Texas.

### The Grease Master Says:

"Specialized lubricants for specialized jobs! That pretty well sums up why Conoco is ready for you with such a complete variety of its oils and greases. Take Diesel engines, for instance. The tremendous pressure in a Diesel-tractor engine puts an extra-heavy load on engine parts—makes the right specialized oil needed more than ever. Conoco Germ Processed oil and Conoco Diesel engine oil are ideal because they OIL-PLATE, and OIL-PLATING is lubricant that doesn't drain down or squeeze out. OIL-PLATING resists both heat and pressure, because it actually fastens itself to metal, keeping the rings free in their grooves, the pistons unmarked by blow-by, the compression sealed in. Ask Your Conoco Agent exactly which one of the Conoco specialized oils is right for your type of tractor engine."

ALWAYS AT YOUR SERVICE

## Your Conoco Agent

CONOCO MOTOR FUELS

CONOCO MOTOR OILS

CONOCO GREASES

