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KANSAS FARMER

CONTINUING

MAIL & BREEZE

Volume 76

February 11, 1939

Number 3

Farm
Power
Show
 WICHITA
 FEB. 21-24

GROPING along its pioneer trail across a nation, the power farming idea discovered a worthy proving ground in Kansas. And sensing great possibilities in the cumbersome, clanking tractor of early days, agriculture joined hands with industry in fitting this thing of iron and steel for the great task to which destiny had assigned it. One reward for such foresight and faith has come in seeing that one-time lumbering, plodding machine transformed into its present streamlined efficiency, accompanied by a legion of power farming tools. All this has meant virtual emancipation from the onerous tyranny of farm drudgery, for Kansas agriculture is the world's greatest user of power machinery. It has brought extensive diversification; it has meant better farming, more timely service. Yet most important, it has revamped rural standards of living to allow time for such satisfying things as the miracle of radio and reading and education; extra hours with family and friends; time for studied evaluation of conditions; time for self-appraisalment. Used wisely, power farming enables those who man agriculture to look with satisfaction across well tended acres and lift their eyes to wide horizons.



ANNUAL POWER FARMING ISSUE: Offering a preview of the 36th annual Western Tractor and Power Farm Equipment Show; also the 12th annual Southwest Road Show and School, at Wichita, February 21 to 24.

Firestone

GROUND GRIP TIRES



AMERICA'S *First Choice* TRACTION TIRES
ARE NOW SO *Easy to Buy* THAT *Every Farm*
CAN BE PUT ON RUBBER . . .

FIRESTONE Ground Grip Tires are *first in sales* and *first in performance*—and this has been true ever since Harvey S. Firestone developed the *first practical pneumatic tire* and *put the farm on rubber*. And, now every farmer can enjoy the long years of comfort and the savings of time, work and money which only Firestone Ground Grip Tires provide.

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A patented Firestone construction feature which provides the extra traction so necessary to deliver maximum draw-bar pull for plowing, pulling and all farm operations. Only in Firestone Ground Grip Tires do you get this exclusive and patented feature.

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enables you to equip your tractor and all wheeled farm implements with Firestone Ground Grip Tires simply by making a small down payment. This plan further provides for payment of the balance on terms that suit your individual requirements.

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of Firestone Ground Grip Tires enable them to save more time and fuel, provide more traction and draw-bar pull — ride more easily and clean better in all soil conditions because the construction features which make these advantages possible are fully covered by United States patents:

Triple-Braced Traction Bars, which cannot bend, break or tear off.

Longer Tire Life, because of the patented Firestone Gum-Dipping process which protects against penetration of moisture, and provides greater strength. Patented tread compound protects against sun and weather.

Tread Guaranteed Not to Loosen, because two extra layers of Gum-Dipped cords provide inseparable union between the triple-braced tread and cord body.

Scientifically-Spaced Triple-Braced Traction Bars provide better cleaning action in all soil conditions.

52 to 59 Extra Inches of Traction Bar Length give greater earth-biting power.

32% Greater Tread Bar Surface Contact assures increased pulling power.

21% Flatter Triple-Braced Tread provides greater shoulder traction.

Continuous Triple-Braced Traction Bars, joined together for smoother riding.

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You can prove the extra traction advantages of Firestone Ground Grip Tires on your own farm. There is no obligation for a demonstration of Firestone Ground Grip Tires. Send in the coupon or call on your nearby Implement Dealer, Firestone Tire Dealer or Firestone Auto Supply and Service Store and find out how little it costs to put your farm on rubber.



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For a quicker start and more of them, be sure your new battery is a Firestone. Ask about the economical Firestone Battery Changeover Plan.



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BRAKE LINING

It takes safe brakes as well as safe tires to make a safe car. Insist on Firestone Brake Lining when you have your brakes relined.

Listen to **THE FIRESTONE VOICE OF THE FARM**. Everett Mitchell interviews a Champion Farmer every week during noon hour.

Listen to **THE VOICE OF FIRESTONE** featuring Richard Crooks and Margaret Speaks and Alfred Wallenstein, Monday evenings, N. B. C. Red Network.

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The Firestone Tire & Rubber Company, Akron, Ohio
Gentlemen: Without obligation on my part, please send me:
() A copy of the new 1939 Firestone Farm Guide Book.
() Full information about the Firestone Special Farm Payment Plan.
() Full details of the Firestone Cut-Down Wheel Plan.
() Please demonstrate the performance and economy of Firestone Ground Grip Tires with my own tractor on my own farm.

Make and model of tractor

Please demonstrate on (date)

Name.....

R.F.D. or Street Number.....

Town..... County..... State..... (J)

Until Dinner Is Ready ---

BY THE EDITORS

Spud Hold-up: Potassium naphthaleneacetate will hold up potato sprouting, scientists say. Might keep sprouts from sprouting in the bin; also delay blossoming of fruit buds that come on and get nipped by frost. The sleeping spell induced in potatoes by that high sounding chemical can be broken by another called ethylene chlorhydrate which helps them sprout more vigorously than they might have in the first place.

Short Rest: All of us have heard the expression, or used it when tired about getting 40 winks of sleep. Well it turns out that 40 winks is pretty high speed resting, even for this day and age. Our thoughtful scientists have discovered that it requires only one-fortieth of a second to wink your eye. That is, under ordinary circumstances. So 40 winks would give you long, long rest of one second.

Fly Help: By putting certain kinds of flies to work, scientists can produce better carrots. Two methods of fly pollination have been devised—one for inbreeding and the other for outcrossing. Cross-fertilization develops vigor in carrots, much as it does in corn. Carrot blossoms are so tiny that hand pollination is very difficult, but the flies do the trick in a hurry.

Air Milk Route: The longest and speediest milk route in the world is the delivery of fresh milk to Guam and Midway by the Trans-Pacific air "Clippers." Picked up at Honolulu, the Clippers fly fresh milk more than 4,200 miles to Guam and Midway almost as easily as our dairymen deliver milk and cream to customers every morning.

Frost Got Nipped: When frost threatened his garden, Kenneth Zeller of Stark county, Ohio, turned on his overhead irrigation pipes and the first mist they sprayed out over his vegetable beds and fruits all night prevented frost from forming and avoided freezing damage. Vegetables left unprotected were killed.

Battle Winner: The early Mongol tribes sprinkled milk on their battle flags as an offering to the gods of victory. Now, milk on their flags probably didn't help them win battles, except as the right psychology made them brave. But milk in their systems did help them to be strong enough to win victory.

Farm Lover: Stalin, dictator supreme of Russia, has a new girl friend but she's no glamorous stage or screen beauty or siren of the night clubs. She won his admiration by growing more sugar beets to the acre than most women could grow.

Janitor Degree: There's a new degree for students now, B. J. (Bachelor of Jantry). Washington State College is offering a summer course for janitors with instructions in everything from personal appearance to waxing floors.

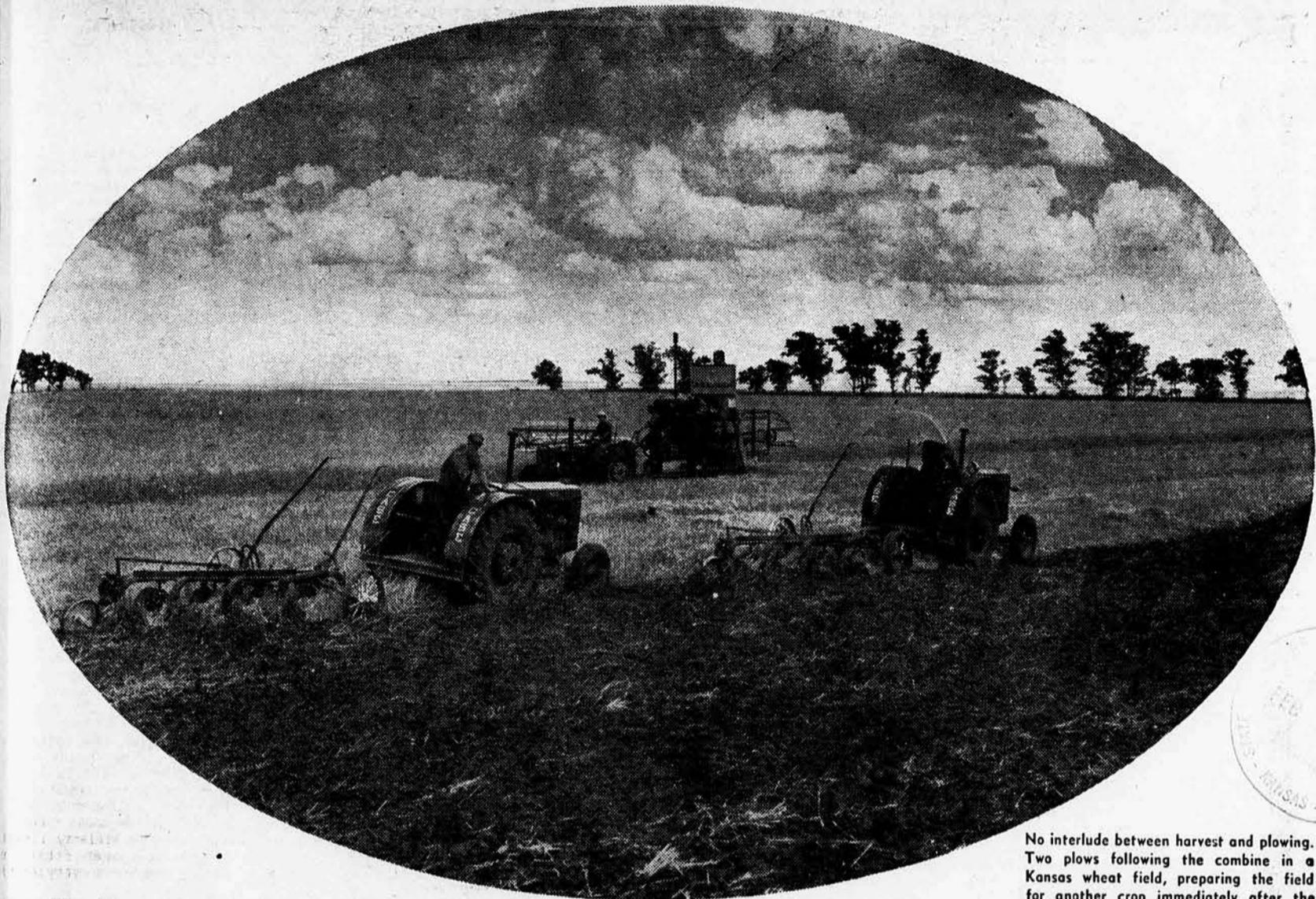
Back to Grass: Uncle Sam had taken more than a million acres of submarginal land out of production by January 1, 1939, and hopes to double the amount by June 20, this year. It is going back to grass and trees.

Hurricane Harvest: Four billion board feet of lumber were blown down during the recent tree-ripping hurricane in New England. All will be salvaged, providing sawmill work in the area for 4 to 5 years.

No Loan: A Georgia banker says he doesn't want a farmer for a customer who will not grow his own food and feed crops. Of course, farmers hope bankers diversify well, also.

Sock Regulations: It's socks alike in the Navy now. Regulations are that sailors must wear black socks with their blue pants, and "natural" colored socks with white pants.

Hash Surplus: Too much turkey hash for the small family has led turkey growers to work on a model that was mature at a weight of from 10 to 15 pounds.



No interlude between harvest and plowing. Two plows following the combine in a Kansas wheat field, preparing the field for another crop immediately after the wheat is harvested.

FOUR RED LETTER DAYS

Presenting the Latest and Most Efficient Power Farming Equipment for Your Approval

By CHARLES HOWES

BEGINNING February 21, only week after next, are 4 red letter days on the Kansas calendar. For on that date the Western Tractor and Power Farm Equipment Show starts in Wichita. Almost national in scope, it needs no introduction to power-minded Kansans. Save for one or two interruptions, due to war and depression, this great mid-winter exhibition has been going on for some 30 odd years.

While the title of the Wichita Show would not indicate its national importance, a glance at the list of guests at the various Wichita hotels during that week would impress anyone. Here you will find the "big shots" of most of the important implement companies including the presidents, sales managers and on thru the list to the helpful salesmen and dealers who faithfully serve their customers.

Don't think for one minute that these men from Minneapolis, Milwaukee, Chicago and other big cities remain in their rooms. They are out on Tractor Row and in the Forum watching your reception of the new models that are perhaps on display for the first time. In other words, they want to find out what you think about their wares.

In fact, this show held every year at Wichita is just as important to the power-farm equipment industry as are the New York and Chicago automobile shows to the automobile industry. It is held in the heart of the power-farming territory, the proving ground of nearly every type of power-farm machinery ever manufactured.

Started by the Wichita Threshers Club, the work of managing the show has been carried on by its present sponsors, the Wichita Thresher & Tractor Club, Inc., with Fred G. Wieland, its secretary, acting as generalissimo. The club has been responsible for the development of the show from a fledgling to its present gigantic proportions, incorporating new features as they were needed and bringing the show up-to-date every year.

Undoubtedly, many of you can remember the old steam tractors that had a heyday just after the turn of the century, the type that was used to run the thresher and then haul it at the breath-taking rate of 2 miles an hour to the next field. That was

Below, a glimpse of busy, interesting Tractor Row at Wichita, where more than 100,000 visitors last year saw and approved the latest in power farming equipment.

the vogue when the Wichita Show began just 36 years ago. And folks were just as thrilled then with the new developments in farm machinery as we are today.

The exhibits in those old days were presented in the warehouses along South Wichita street and on the club's vacant lots where the Forum now stands. With the construction of the Forum, the show took over all of this exhibit space as well.

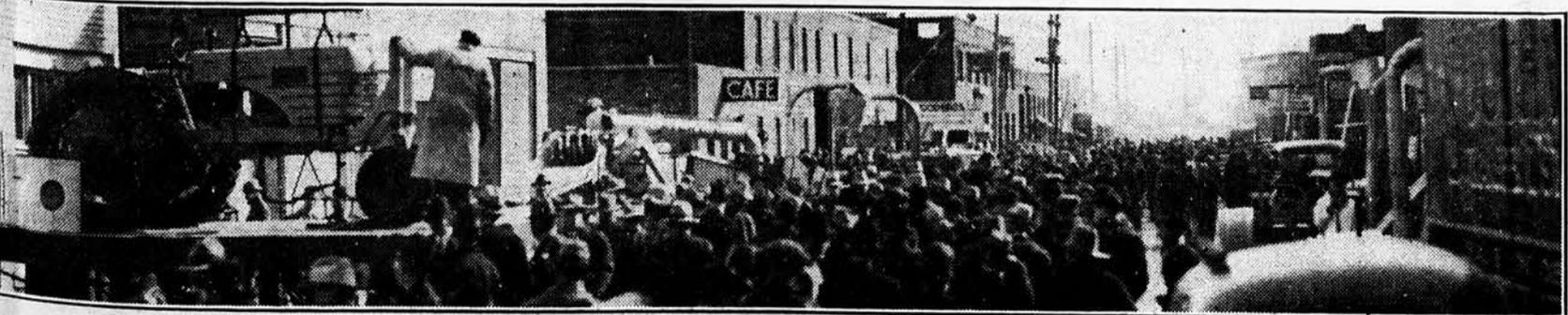
In the period following the World War, inquiries were received from manufacturers of road and industrial machinery to such an extent that the directors adopted a brother affair, the Southwest Road Show and School, in 1925. This feature attained nation-wide prominence in a short time.

Hence, the exhibition which so many Kansas and Oklahoma farm folks will view week after next embodies just about everything that is ultra-modern in the farm and industrial machinery fields. Instead of threshers and the old awkward steam tractors, streamlined, compact gasoline and Diesel powered tractors and combines will be the main features.

But that isn't all. Many other pieces of machinery will be exhibited. Disks, plows, harrows and variations of each in all the new styles are being shipped into Wichita to be put in place by a week from Tuesday. And a greater proportion of this machinery than ever before is leaving the assembly lines mounted on rubber tires—riding on air.

The Wichita Show was never meant to be entertainment nor a thrill show in any shape or form. The primary purpose as set forth by the Threshers Club has been to combine exhibition with education in a locale where people have the greatest appreciation for power-farming. The fact that more than 100,000 farmers attend the show each year attests to their acceptance of this policy. Year after year the Wichita Show vies in popularity with the best of the state fairs without providing the carnival atmosphere.

(Continued on Page 24)



A Hitlerite's Statement—And an Answer

Passing Comment by T. A. McNeal

DEAR Mr. McNeal: You will please pardon my writing you this letter, but your recent editorial on "Clouds are Breaking" and several of your previous editorials leave me no other recourse. As a matter of fact, my parents were in Germany last summer for 4 months. It was the first time since 1906 that they had been in the Fatherland, and you can rest assured that they had dire misgivings about what the new Germany was like judging from the comments they had read in the American press all along.

"They found a wonderful, contented Germany which idolized Hitler because he had saved them from the enslavement of the Treaty of Versailles. While they were over there my parents visited in Berlin, Hamburg, Bremen, and spent most of their time in their homeland, Pomerania. While there, our Denver Post daily had news items of bread and butter cards in Germany. However, Mother says they had more to eat everywhere they went than they ever had here in this country. There was an abundance of butter, and no bread cards, altho the quality of the bread sold was very coarse and poor compared to ours.

"On my fathers home farm outside of Stettin, in Pomerania, which place of 300 acres is owned by my uncle, and which has been handed down from father to the eldest son for 500 years, Hitler had induced changes which could only be for the best. My uncle milks 40 cows and each morning the milk has to be delivered to the state co-operative. The price obtained is much higher than any paid here in America. The price paid for wheat was just double what it is here and cattle and sugar beet prices were much higher in proportion. The wealthy farmers complained of Hitler because he was too much in favor of raising the standards of living of the poorer classes to the detriment of the wealthier classes. My uncle employs about 12 hands. Before Hitler they were domiciled in the horse barn, and in the attics. However, Hitler made each employer erect a comfortable dormitory, provide comfortable beds and it was compulsory to install even a radio for the help. Wages, too, were standardized, and Father says the standard of living thruout Germany is the highest he has ever known. In the time of the Kaiser the lower classes had meat and cake to eat only on holidays, now they have it daily, and everybody is well fed and well dressed. Mother states that it is impossible to find a girl who is unnecessarily slender. All the girls are robust and healthy.

"The economic situation in Germany, rather than being in a state of chaos, is booming satisfactorily. There is no unemployment anywhere. Help was so scarce that on large estates like my uncles the government sent college students to help bring in the harvest. The boycotts of German goods in the United States had found a complete re-action among the German people in a counter boycott of American products. They refused to purchase United States cotton and lard. In fact the lard shortage was becoming very acute, but the German housewife preferred doing without lard rather than buy American importation.

"Just a few years ago before the Jews began their anti-German boycott, Germany bought all the American surplus cotton—about 8 million bales yearly. This trade has now been diverted to Brazil, and the southern cotton market is in complete chaos. The German boycott of American pork products and wheat has been of inestimable detriment to the already hard-pressed American farmer. Germany is trading more and more with South America and the Balkans, taking their grain and meat and selling her manufactured goods. The German trade is as large as ever and the Germans say the Jew instigated boycott has only hurt the nations which are misled by it. The German people as a whole are dumbfounded that America is hurting itself to such an extent to please the Jews.

"So far as the Catholic question was concerned, that has been much over-propagandized in this country. The only situation governing religion now apparent is the battle of the Hitler regime to separate state from the tentacles of the Catholic hierarchy which has controlled politics in Germany for 50 years thru the center party, and which is fighting back against a separation of church and state such as we have here in this country since its birth. Hitler has refused to support the Catholic parochial schools with state funds, and consequently these schools have shut down their operations and thrown thousands of nuns and priest out of work, hence the big howl from the Vatican. Any thinking person can

The Men to Whom We Bow

By ED BLAIR
Spring Hill, Kansas

Columbus said the earth was round
Folks laughed at him, his mind unsound!

Once 'twas a dream that folks should fly
Two Wright boys thought at least they'd try!

A kettle lid forced up by steam
Told Fulton, boats could ply up stream.

At coal, for heating, people laughed
Until a fellow gave it draught.

Ben Franklin saw the lightning flash;
Alert, it brought him fame and cash.

A squawk that caught his listening ear
Told Edison the world might hear
Now from the far ends of the earth
We hear at home, songs, speeches, mirth.

No plow will scour in sod once turned
The farmers told John Deere, who yearned
To serve them well. To this appeal
He answered with a plow of steel!

Just wondering why they found out how
The men of fame to whom we bow.

(Copyright, 1939)

readily see that a similar condition would never be tolerated in our country, so how can we blame Hitler?

"The Jewish persecutions are being continued only as a means of combating the anti-German propaganda in America. Nazis have determined to enforce the old Mosaic law, 'Eye for Eye, Tooth for Tooth.' When the anti-German propaganda desists here then the anti-Jew persecutions will cease. You can also readily understand that neither side wants to give in first.

"My folks went across both times on the giant liner 'Bremen' which had 1,700 passengers aboard on each trip. There is no question of the Bremen ever leaving with 46 passengers as you have been informed. The ships are always crowded to capacity. In their yearly report the company which owns these ships records the largest transatlantic passenger service in history. At present the Bremen has been chartered by Raymond Whitcomb Tours, Inc., for an excursion of 3 months around South America, and is already sold out. Father would like the opportunity of writing an article for you on his observations in Germany. He kept his eyes open and saw much. It was not all pro-Hitler, but it is fact. With very best regards, C. G. Will, Cornish, Colo."

This letter from Mr. Will is really very interesting and is certainly one of the most astonishing I have ever received. I have not the time or opportunity to investigate all of the statements Mr. Will makes to test their truth or falsity, but some of them refute one another. Others are manifestly incorrect. Let us examine some of them.

"The Jewish persecutions are being continued only as a means of combating the anti-German propaganda in America." The inference, of course, is that Jewish persecutions in Germany would not have occurred if it had not been for anti-German propaganda in America. This is so preposterous that it is most remarkable that even a worshiper of Hitler would say it. The very corner-stone of the Hitler creed was to drive the Jews out of Germany, and the terrible persecution of the Jews is primarily the cause of whatever anti-German propaganda there is in the United States.

Also, the assumption that German passenger ships plying between the United States and Germany are "always crowded to capacity" is equally absurd. Whether or not it is a good thing, the boycott between Germany and the United States is on in full force, as Mr. Will declares. If so, then neither passengers or goods are being transported in large numbers or quantities between the two countries. Very few American tourists are visiting Germany and Hitler would certainly not permit Germans to come to America except for propaganda purposes.

Equally untrue is the statement that "before the Jews began their anti-German boycott Germany bought all the surplus American cotton, about 8 million bales." Germany never bought all the surplus cotton of the United States, and as a matter of fact never was even the best customer for American cotton, and never in one year bought as many as 8 million bales.

It probably is true that there is very little unemployment in Germany, neither is there in any well managed penitentiary. Wages are standardized in Germany but the standard is not more than half the wage paid in the United States.

I recently talked with a very intelligent and fair minded man who visited Germany last spring. He certainly does not paint a rosy picture of conditions there.

Now if Nazism is what the German people want, I am in favor of letting them have it if Hitler will confine himself to Germany.

Rights of Kansas Women

I WANT to ask you a few questions," writes Mrs. Ellingworth, of Caney, Kan. Here are the questions: Where a man and a wife start at the stump, as the saying is, and work hard together to pay for a farm, his name only being on the deed, in case of his death can she hold the farm until her death as he would in case of her death?

"The bank account is in his name. Could she draw on it? In case he dies without will, can she draw on it without red tape?

"Most of us farm women besides bearing children, cook, sew, wash, iron, garden, care for the chickens and milk the cows and sometimes work in the field. What rights and what protection have we under the Kansas laws?" Answering the questions in their order:

If the title to the farm is in the name of the husband, at his death without will, one-half will descend to the wife and the other half to the husband's children if there are any. In the event there are no children or children's children, all of the husband's estate, personal and real, descends to the surviving wife. She cannot only hold it until her death but she can will it to whom she pleases. The bank deposit of the deceased husband would descend to the surviving wife just as his other personal property and she would have the right to check upon it to the extent of one-half if there is a surviving child or children. If no children or children's children the entire bank account would be transferred to her.

If the husband neglects or refuses to deal liberally with his hard working wife she can go into court and get an order requiring her husband to give her a maintenance fund as great as his resources and income will permit. If he refuses to give her any support he can be prosecuted and sent to the penitentiary.

A good many people come to me with their troubles. In nearly every case where there is a husband and wife, both come together and nine times out of ten the wife does the talking and gives every indication that she is at least an equal partner in the business of managing both the business and the home. There are, of course, exceptions to the rule, but generally speaking, women in Kansas are pretty well taken care of so far as the laws are concerned.

THE KANSAS FARMER

Continuing Mail & Breese

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Farm Matters as I See Them

A Most Unfortunate Incident

PUBLIC interest in Washington in the last 2 weeks has shifted to foreign affairs to an extent that a number of domestic problems that press for solution are being virtually ignored.

I think that is too bad. The people of the United States have a more real interest in ending unemployment, in reviving stagnant business, in bringing to Agriculture the prosperity without which national prosperity is out of the question, than they have the boundary lines in Europe and in Asia. President Roosevelt has branded as "a deliberate lie" stories generally carried in the newspapers that he told members of the Senate Committee on Military Affairs that France "is the real frontier of the United States."

That story traveled over the world for 3 whole days before the President issued his indignant denial.

The whole incident is most unfortunate. It has repudiated the United States into the European press. Publication of the original story angered Germany and Italy, of course. The denial 3 days later leads them to believe that public opinion in the United States compelled the President to back up."

The Administration already had initiated a policy of extending our Western lines of defense frontier if you wish to call it that—to the east of Guam, a few hundred miles from the east of Japan.

It is extremely unfortunate that European and Atlantic nations should get the idea that the United States government holds that its boundaries, for national defense purposes, extend from the river Rhine to the island of Guam.

I am glad that the President has repudiated the "France our frontier" statement. I am sorry was not more prompt in realizing the unfortunate consequences of allowing the world to believe, for 3 whole days, that he had made such statement.

Leniency Is Needed

HAVE again urged the Farm Credit Administration to exercise the greatest possible leniency in foreclosing upon mortgaged farms.

I have urged that extensions be granted in every case where there is any prospect that the farmer may be able to make his payments with a good crop year.

It is better for the Government thru the Federal Land Bank system to carry the load for a few years, than to send another farmer onto the relief rolls, perhaps to be supported permanently from Government sources.

The Sentiment of Borrowers

MANY times I have emphasized the fact that low farm interest rates are imperative. And with every ounce of energy at my command, I am going to continue my fight in the Senate for low rates. No industry, even an industry as great and as patient as agriculture, can carry an overload of fixed charges, including taxes, on an unbearably deflated income.

When it requires the income from 18 or 20 important Kansas crops to pay a year's interest on farm mortgages, as I pointed out in an editorial, "Facing Debt Facts," in the December 3, Kansas Farmer, there is something decidedly wrong. Backing up my opinion in this matter is the experience of hundreds of Kansas farmers who are bucking up against these humorless debt facts every day. Let me quote a typical letter from a farmer friend down in South Central Kansas. For good reasons, I don't give his name, but his letter says:

"I read your article on 'Facing Debt Facts' and I heartily agree with you on the cheaper interest on farm loans.

"I can pay the interest on my loans at 3 per cent, but could not do so if I had to pay the original 6 per cent, at the present prices we receive for our products.

"Being connected with my county Farm Loan Association for several years, I feel I will be speaking the sentiment of the borrowers when I say we prefer the 3 per cent interest rate to the bonus payment of the Farm Program. On the smaller farms the bonus isn't sufficient to help us like the cheaper interest would."

He adds incidentally, that "We do not feel like we should be paid for rotating our crops and taking care of our land." While this last statement may be highly controversial, I am sure

there is no controversy among farmers regarding the fact that high interest rates and sacrifice farm prices are penalizing the progress of agriculture, and in turn the progress of our entire nation.

The letter from my friend in Southwest Kansas states the simple truth about interest rates in a most effective manner.

Getting the Right Idea

I FIND a much more general understanding of the importance of Agriculture getting its fair share of the national income prevails in commercial and manufacturing circles than ever before.

Following a meeting of the Agricultural Committee of the Chamber of Commerce, George Davis of Kansas City, its president, announced that Government subsidies to "compensate" agriculture for price disparities due to tariff and other policies which reduce farm income and increase farm costs, are justifiable and will have to be continued.

That is a long step forward since the days when the Chamber of Commerce of the United States was the citadel of opposition to Government aid for agriculture.

Also the National Association of Manufacturers, thru its Committee on Agricultural Cooperation, takes a similar position.

"It is essential to the welfare of the manufacturing industry," the Committee reports after a 3 year study, "that the farmers receive fair prices for what they produce. The committee recognizes that the question probably is one of an equitable price relationship more than price level, and it recommends that the National Association of Manufacturers lend its fullest support to any sound effort to bring about such a relationship between industry and agriculture."

And that is a long way for the National Association of Manufacturers to have come, but it has done so willingly.

Arthur Capper

Washington, D. C.

From a Marketing Viewpoint

answered by George Montgomery, Dairy—Franklin Parsons, Dairy and Livestock—R. J. Eggert, Livestock.

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

Some of my neighbors have been busy about growing flax. What kind of market is there for flax seed?—L. J., Neosho Co.

Kansas farmers have two advantages in the market for flax seed. First, the United States produces less flax than is used, so the price is raised by amount of the tariff which is 65 cents a bushel. Second, Kansas flax is harvested in July and can be sold before the northern crop reaches market. The price of flax usually declines from July to October.

Have some dairy cows that I plan to sell. Should I market them now or wait until later?—L. L. J., Springfield, Mo.

Prices of dairy cattle follow closely the price trend of beef cattle such as common cows. This class of cattle usually reaches a seasonal peak price sometime during the spring when there is good demand for cattle to go on farms. Late March or April probably will be the best time to market dairy cattle this year.

Have pasture and finishing feed. Would like to have some choice steers to run on grass until mid-sum-

mer and then feed 100 days for a late fall market, but I believe that prices for calves are too high. Is there anything else to buy?—R. D., Sullivan, Ill.

Present facts indicate that while light-weight, choice quality calves are unusually high in price, they probably will continue to be the best purchase one can make with the type of feed you have available. One will observe that all other kinds of stockers and feeders are correspondingly high in price. Considering the present low cost of feed and the fact that calves make somewhat cheaper gains, we believe a program such as you suggest will be relatively profitable. If you can purchase some heifer calves of the same quality for a dollar less than steers, they will make the better buy. Heifers tend to make more rapid gains and can be marketed earlier than steer calves purchased at the same weight.

Will it pay to feed good-quality heavy cattle until May 15?—E. M. F., Greeley.

We are expecting rather substantial declines in the price of good quality, well-finished cattle after March, so I suggest your crowding these cattle as much as possible and marketing them by that time. In fact, we believe that if good quality, well-finished cattle are ready to go they should be sold immediately, for prices are expected to move moderately lower by the end of February. On the other hand, if cattle can stand additional feeding, the im-

provement in quality and the cheap gain should more than offset the decline in price.

—KF—

Raising More Hogs

Farmers of Pratt county are coming more to realize that their success depends on diversified farming and as a result more livestock is being kept on their farms. Many farmers now have 2 or 3 brood sows instead of none says L. E. Crawford, county agent. The county has not produced enough hogs for its own consumption since 1931, but the feed supply now again justifies the feeding of hogs economically. Hogs steadily declined from about 5,000 in 1933 to about 2,000 in 1935, but now are on the increase.

—KF—

Chain Pulls Out Sickle

When your mowing machine sickle is hard to remove use a light short chain with a hook in one end made from a spike nail. Place the hook in the oil hole in the sickle head and the sickle can be easily pulled.—Arnold Pederson.

—KF—

Makes a Tender Steak

Round steak will always be tender if moistened with vinegar and allowed to stand a few minutes before the flour is pounded into it in the usual way that it is fried. This also adds a delicious flavor.—E. H. M., Saline Co.

String Stops Bleeding

A very simple method of pressure will stop bleeding of injured combs of large comb breeds of poultry. Tie a string around the injured spike or blade of the comb. The bleeding stops immediately. Remove the string the next day.—Millie Sellars, Washington Co.

—KF—

Keeps Dust Out of Air

Disagreeable dust in our poultry house has been greatly reduced by the application of used crankcase oil to wood and dirt floors. I find it useful also in scratching pens.—C. B. C.

Trend of the Markets

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

	Week Ago	Month Ago	Year Ago
Steers, Fea.....	\$12.00	\$11.25	\$8.50
Hogs.....	7.70	7.80	8.50
Lambs.....	9.15	8.65	7.20
Hens, 4 to 5 lbs.....	14½	14½	17½
Eggs, Firsts.....	15½	17½	15½
Butterfat, No. 1.....	21	22	27
Wheat, No. 2, Hard.....	77½	73	1.06½
Corn, No. 2, Yellow.....	48½	48½	56
Oats, No. 2, White.....	30½	31½	33½
Barley, No. 2.....	43	42	45
Alfalfa, No. 1.....	15.00	17.50	22.50
Prairie, No. 1.....	8.50	8.50	12.00

A SHORT, SHORT STORY

By AMELIA MUELLER

A Message of Love

WITH a scraping of tires and a suddenness that turned his bicycle half around, Bobby halted in front of Mrs. Comfry's house. For a long moment he sat there, regarding that simple structure uncertainly. Then he drew a deep breath and, plunging his hand into his jacket pocket, drew out a large white envelope. He turned it over and over in his hand, wishing with all his heart it were in the bottom of the Arctic Ocean or some similarly remote corner of the earth.

If only Mom hadn't gotten that silly idea into her head and made him come here! No martyr ever dreaded going into the lions' den more than he dreaded this errand.

Just because he had helped tear up things around here last Hallowe'en and Mom had found it out, she had made him bring this Valentine to Mrs. Comfry.

"I want my son to learn to be kind and helpful to older people," she had said. "I think that if you bought her a Valentine—a right pretty one—it would make her feel good, and perhaps she would see you didn't mean things as bad as they looked last fall."

And so Mom had made him buy this Valentine—it cost a whole dime—out of his own money, and sent him to give it to Mrs. Comfry after school. He had ridden past the house 3 times, and all over town between times, but now he had to stop because it was his supper hour and he knew from past experience Mom wouldn't save supper if he didn't get there on the dot.

He had thought some of throwing the Valentine away and just telling Mom he had given it to Mrs. Comfry, but Mom might say something to Mrs. Comfry about it, and then he'd get the dickens for it afterwards.

The truth was he was afraid to walk up to Mrs. Comfry's house. He'd heard about some of the things she had said she would do to "those boys" if she ever laid hands on them. Maybe she wouldn't want the Valentine. Or maybe she wouldn't even give him a chance to give it to her. There was a possibility that anything might happen. Mrs. Comfry looked mean enough to torture him in the most terrible way she could think of.

The old grouch anyway! She deserved to have her things torn up! She was the crabbiest person in town. Even the old folks thought so. Nobody had ever seen her smile since she had moved here. And she always was kicking about something, and picking on some kid or other.

Bobby's stomach told him that it very definitely was

supper time now. And a cool night wind was rising, chilling him thru his lumber jacket. So summoning all of his 10-year-old courage, he slowly dismounted and began fumbling at the gate. Just as he opened it an idea came to him—an idea that was nothing short of an inspiration! He stood still a moment, weighing the envelope speculatively in his hand.

"I believed I can do 'er," he mumbled.

There was a brief pause—long enough for Bobby to shut the gate again—and then the envelope, carefully aimed by Bobby's newspaper-route-trained arm, sailed thru the air with the wind lifting it along. It hit the screen door and then fell with a soft rustle on to the porch. But before it had reached its destination, Bobby, speeding gleefully down the street, had rounded the corner for home.

INSIDE the house Mrs. Comfry sat in her shabby old rocker beside the fire. Her head bowed, her hands clenched in her lap, she rocked softly back and forth, murmuring to herself.

"If I had only told him I was sorry!" she mourned again and again, as she had done countless times thru all the long, weary years. "If only I could have had his forgiveness before he left."

If only God would let her live over that terrible day—as she had lived it over in her mind thousands of times. If she could only take back those terrible things she had said! She did not remember the words now, she only knew they had been mean and cruel.

What was it the quarrel had been about? She did not even remember. She had been so young then— young and pretty. "The likeliest looking gal in 5 counties" Philip had called her. She and Philip had been married only a short time, and they had been so happy. But one morning they had quarreled—it

had been her fault—and said terrible things to each other. She had been the worst—flinging biting, stinging words at him, words that were meant to hurt.

She could still see Philip's face as he grabbed his hat, banged the door, and went away to work without saying good-bye. As soon as he had gone she had been sorry. She had cooked an especially good dinner in apology, but Philip had never come to eat. Shortly before noon some men had carried him in—dead—killed in some minor explosion. Those angry words she had hurled at him were the last she had ever had a chance to speak!

Philip was gone, and even a lifetime of being sorry had not brought him back to hear her entreat for forgiveness. If only she could be sure that wherever he might be, Philip knew that she was sorry. If only she could know that she were forgiven. Day after day, thru the dreary, lonesome years, she had prayed for a sign, any sign that would tell her that Philip understood.

There was a slight sound on the porch outside. Those boys again! It must have been only a gust of wind blowing something around. But when she opened the door all was quiet and no one was in sight. She was about to go back to her fireside when she noticed something white lying at her feet. Stooping, she picked up a large envelope.

What could it be? Who had left it there? She peered again thru the gathering darkness, but the street plainly was deserted. With uncertain fingers she opened the envelope and pulled out—a Valentine.

It was a lovely creation of paper lace and cupid and silver lettering. Why... it reminded her of one that Philip had sent her just before they were married. Only that one, tho the loveliest one which money could buy then, had not been quite so dainty and bright. It took some time, in the uncertain light before she could make out the message. But finally she had it all—*Just to Let You Know How Much Love You.*

Who could have sent it? She turned it over—perhaps there would be a name on the other side—but in her haste and excitement she dropped the Valentine. Before she could stoop to pick it up, a gust of wind sent the paper swooping thru the air. She followed, but another puff carried it out of sight. For a few minutes she searched for it, but no Valentine was to be found.

From where could it have come? "*Just to Let You Know How Much I Love You.*" A sudden thought drained the color from her face, and left her shaken and spent.

PHILIP! Could Philip have (Continued on Page 27).

A Teacher's Hobby

Amelia Mueller joins the ranks of Kansas Farmer's new farm authors with this heart-touching Valentine story, "A Message of Love." We know that after reading this human story, which is her first to be published, you will want to know more of the author. She has lived on a farm all her life. Her father and brother run a dairy farm, and she teaches in a rural school, driving back and forth daily from her farm home near Halstead. She says, "Ever since I was a small girl I have written stories, mostly for my own, my friends' and lately my pupils' enjoyment. When I was in grade school my ambition was to become a great author. That ambition has been modified somewhat by time. The thing I desire most now is to be a successful teacher, but I still plan to write stories—and perhaps even a book—as a sideline." We know you join with us in hoping that Miss Mueller will find time to write more stories like this one.

You Will Want to Know About This Brand-New John Deere Equipment

The John Deere exhibit of new time-, labor-, and money-saving equipment at the Wichita Tractor & Equipment Show this year will surpass by far all similar displays.

Many of these new machines are sure to interest you regardless of where you live, the size of your farm, or the crops you grow.

YOU'LL SEE—

New Combine

—the new John Deere No. 9 Combine built especially for economical and efficient operation in the Great Plains region.

New Small Tractors

—two new John Deere Two-Cylinder Tractors—the Model "H" and Model "L"—smaller, lower-priced tractors that the farmer with smaller acreages can afford to own—tractors that also supply economical auxiliary power on the larger farms.

New Styled Tractor

—the Standard Tread Model "D" Tractor with new time- and money-saving improvements for the heavier farm jobs.

New Tractor Spreader

—the new John Deere Model "ET" Tractor-Drawn Manure Spreader with the beater on the axle, built especially for tractor operation, that costs no more than a regular horse-drawn spreader.

New Basin Disk Harrow

—the new John Deere Basin Disk Harrow that will interest all farmers farming in sections where conservation of moisture is important.

New Tillage Implements

—new heavy-duty tillage machines for the heaviest tillage jobs—made by Killefer, a John Deere subsidiary.

Write Today for Free Booklets

In addition to the brand-new machines, you'll also see the full line of John Deere Two-Cylinder Tractors and power equipment with latest improvements that do better work, for a longer time, at lower cost.

Regardless of whether or not you are going to the Wichita Show, fill out the coupon at right, and you'll get literature on the equipment you have checked. The new equipment listed at right, as well as other items adaptable to your farming conditions, are covered in the coupon. Fill out, sign, and mail the coupon now before you forget it, and learn about the latest in farm machinery.

Use This Coupon

JOHN DEERE, Moline, Illinois,
Dept. FS-111.

Without obligation on my part, please send me literature on machines I have checked below.

- | | |
|---|--|
| <input type="checkbox"/> New No. 9 Combine | <input type="checkbox"/> New Tractor-Drawn Spreader |
| <input type="checkbox"/> New Model "H" Tractor, 1-2-Plow General Purpose Type | <input type="checkbox"/> New Basin Disk Harrows |
| <input type="checkbox"/> New Model "L" Tractor, 1-Plow Four-Wheel Type | <input type="checkbox"/> Regular Disk Harrows |
| <input type="checkbox"/> New Styled Model "D" Tractor, 3-4-Plow Standard Tread Type | <input type="checkbox"/> Damming Listers |
| | <input type="checkbox"/> Disk Tillers |
| | <input type="checkbox"/> Grain Drills |
| | <input type="checkbox"/> Killefer Heavy-Duty Tillage Equipment |

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Find Life of Security

We Visit a Jewish Palestine Communal Farm

By ROBERT C. VANCE

The fourth of a series of articles on the countries of the Mediterranean by our traveling Corn Belt farmer.

LATER, I was to visit a number of the communal farm colonies under the guidance of the Jewish Federation of Labor, but my first visit was made alone. The term "communal colony" brought to mind the carefully staged exhibits I had seen in Russia. I wanted to talk with the workers when they were not overawed by officialdom as I could not understand how young people could be content to live in constant danger and to give a lifetime of work, without wages and with no other reward than a place to stay when they were too old to work.

The Jewish taxi driver that I hired as interpreter, guide, and spiritual adviser was either a very brave man or a plain "dumb egg." Or it may be that he had the mistaken impression that if the Arabs took a roving American apart that Uncle Sam would send over the marines to put them in their places. At any rate, when we passed thru an Arab village a few kilometers out of Tel-Aviv, he stopped square in the center of it so that I might snap some pictures.

No Yen for Movies

There was a lot of local color in that village. A camel pack train was just coming thru. I leveled my camera at it and ran off a few feet of film. The Arab packer didn't seem to fancy getting into my movies. He gestured angrily and started climbing down from his donkey. A group of robed and turbaned Arabs were squatted in the sand in front of a dirty little cafe so I aimed the camera toward them. They didn't want in the movies either. They started yelling, shaking their fists, and motioning me to go away. Well, if that's the way they felt about it, O. K. I turned my back to them and started filming a nearby mosque place of worship. Maybe it wasn't the taxi driver that was dumb, maybe it was just me.

There was a squeal of brakes and a whippet tank, two machine guns sticking out of its turret, slid to a stop at the edge of the crowd that was surrounding me. The door opened and a young British officer, armed only with a dinky little cane, pushed thru the crowd of jabbering Arabs.

"Yes, I understand. It's the job," he said, when I had told him my business. "But remember, old chap, these beggars can't distinguish the difference between an American and a Jew or an Englishman. I don't want to get the wind up but you must be more careful. We can't have you civilians getting killed all over the place."

A few kilometers farther on the driver stopped to remove a barbed wire entanglement from the entrance of a side road. He said that he wanted to show me the "kibutzim" where he had lived during his first year in Palestine. Still somewhat jittery from the experience back in the Arab village, I made him explain fully just what a "kibutzim" was before we went any farther.



There was plenty of local color.

A large percentage of the Jewish immigrants into Palestine arrive there absolutely penniless and have to be taken care of until jobs can be found for them. They are placed in a communal village of "kibutzim."

The "kibutzim" usually has a small tract of land attached, used for the raising of vegetables, but not enough to provide subsistence for the colony. The main source of subsistence comes from wages earned by the members as farm laborers or at other outside projects. These wages are not collected by the workers but are paid to the "mukhtar" or head man of the colony and are held in a common fund.

The "mukhtar" is elected by the members of the colony. He assigns the members to their tasks and administers all the business affairs of the kibutzim. Members eat in a common dining room with a communal kitchen. Clothing is made, laundered, and repaired by the women members of the colony. In the warm Palestine climate, however, clothing is of minor importance and consists of a shirt, shorts and sandals for both men and women.

There were 30 men and 10 women in the kibutzim I visited. There were 3 dunams of land—about 3/4 acre. It was surrounded by a high, woven wire fence with a barbed wire entanglement and sandbag barricade at the gate. I was told that this place was under fire from Arab snipers on an average of 2 nights a week. The buildings were board shacks. There was a dormitory for the men with tents for the overflow, and one for the women. The only other building was a long room used as a dining hall and kitchen and also used as a social hall in the evening.

Hardening Process

Two of the women were preparing the noon meal, two were laundering clothes and the others making and repairing clothing. Only two of the men, who would be on duty that night as watchmen, were present.

About 95 per cent of the Jews who immigrate to Palestine are from the cities and are totally unused to manual labor. It is in the kibutzim that they go thru the hardening process and grow used to the hot Palestine sun. It is a hard school, but an efficient one, to judge from the husky young fellows I saw engaged in the building trades in Tel-Aviv or on the other farm colonies. Also, many find other callings. My taxi driver, the hotel clerk, the waiter, and the young lady who owned the photograph shop that developed my pictures were all graduated from the kibutzim.

My next stop presented a far different picture. This was at the Givath Brenner farm colony or "kvutza." The term "kvutza" is used to designate the larger and better established of the farm colonies instead of "kibutzim" which is more of a clearing place for immigrants.

The name of "Givath Brenner" translated means "Brenner's Hill" and was chosen in honor of Brenner, a



A member of a communal farm colony or "kibutzim."

Jewish labor leader and writer. The motto of the colony is: "From all According to Their Strength. To all According to Their Needs."

Givath Brenner has 1,215 dunams of land—about 300 acres. This colony has been established for 13 years and the orange groves are in full bearing. There are 500 members of the colony and, in addition, 150 children and 50 aged persons who are parents of members of the colony.

"I speak English." My taxi driver had asked in Hebrew whether there was anyone here who spoke English. That answer came from a tall, blond, blue-eyed girl, dressed in shirt, blue cotton shorts and sandals.

"You are from Germany?" I asked her.

"Yes. I am from Berlin," she answered. "My name is Margot Meyer." There was nothing in this girl's appearance to indicate her Jewish blood, but she had been a victim of Herr Hitler's purge. Her story, along with others, will be told in another article.

Margot consented to be our guide for an hour, when she would have to go on duty in the dining hall. She first led us to the roof of one of the dormitories. This was a modern, concrete and steel building, 3 stories high. This was the "married" quarters, and each couple was assigned one room. There was no need for more as all ate in the communal dining room. Children were cared for in the nursery.

Comforts of Home

There were several more of these apartment houses, some "married quarters" and others, dormitories for men or for women. The dining hall and kitchen were of frame, but a new concrete building was being planned. There was a modern bakery and a laundry, both housed in new concrete buildings. There was also a neat little hospital. Among the members of the colony were a doctor, dentist, and several trained nurses. There was no charge for their services to members of the colony. Margot seemed quite amused when she told me that some of the Arab neighbors sometimes came to the colony for treatment.

The cost of these new modern buildings was for raw materials alone. Members of the colony supplied the labor and among the membership could be found representatives of most of the skilled trades. A shoe factory is one of the industries of Givath Brenner. This factory not only turns out all the shoes needed by the colony, but also a surplus that is sold in the stores of Tel-Aviv and Jerusalem. I examined some of the dress shoes and the workmanship and style was as good as any of the stock found in a New York show window.

When the time came for Margot to report to the dining room, she turned us over to another girl who also spoke English she had learned in a German university. This girl took me to the reading and recreation rooms. There was a plentiful supply of books and magazines. There was a piano, radios and a dance floor. She told me that the colony had a very good orchestra. This building was fronted by a small park with a well-kept lawn, shade trees and benches. There were school rooms for the older children and the teachers were members of the colony.

She then took me to the nursery,

filled to overflowing with babies that ranged from a few days old to "long yearlins." This was a new concrete building and everything spotless and clean. The attendants wore the white uniforms of trained nurses. Outside about 20 of the older babies played in a shaded sand pile. As the mothers of these babies have their duties to perform, the children are cared for in the nurseries from birth. Visits from parents come at the end of the day. As the children grow up they are moved into other dormitories and are kept in school until they are 16 years old, when they become regular members of the colony and assume full responsibility of membership.

"How many of these babies' parents are married?" I asked my guide.

Secure Future

"I am afraid that you, like most other outsiders, have misjudged things here," she answered. "Our morals are as good, if not even a little better, than in most other parts of the world. I believe that they are better because we marry younger. There is no need for a man to put off marrying until he has established himself. His future is just as secure at 20 as it is at 50."

"You mean that there is no opportunity for anyone to put something aside for themselves as the years pass?" I asked.

"Surely, and there is no need," she answered me. "Here every able-bodied adult works. There is no private property. All income from the farm and factories or wages paid our members for labor done outside goes into a common purse. Everything we need is provided for by the kvutza from this common fund."

"How long have you lived here?" I asked.

"A little over 2 years," she answered.

"And you are still content, despite your university training, to live your life here with no more future than the colony offers you? I cannot understand it."

"No. You Americans could not understand. This is security. Here people do not yell insults at me, or look at me as if I were something unclean because I am of Jewish blood. My mother is dead, for which I thank God. At least she was spared the terror of the last few years. I do not know if my father is living. The last I heard of him he was in a Nazi concentration camp. The kvutza has a fund that it uses to bring these aged parents from Germany. If I could find my father and have him brought here, I think that I would be the happiest person on earth."

We were joined here by Margot Meyer, who brought an invitation to come to the dining hall for lunch, and a very good lunch it was. There was mutton cooked with rice, bread and butter and tea, with a dessert of stewed fruit. English is taught in the German schools and there was a surprising number of the German and Polish Jews who spoke good English. They told me something of the routine of life in the colony.

Every able-bodied adult has work to do. The rising bell rings at 4 a. m. and everyone is on the job 30 minutes later. The bell rings again at 6 a. m. and those who are close to the dining

(Continued on Page 9)

Who's

ERE is the list of exhibitors who will display their products at the Tractor Show, Wichita, February 11-13. Brief description of exhibits included, together with names of officials who are in charge of the exhibition.

The Massey-Harris Co., Toronto, Ont., will display the new Twin-Power Tractor, a 12-horsepower tractor, a 14-horsepower tractor, a 16-horsepower tractor, a 18-horsepower tractor, a 20-horsepower tractor, a 22-horsepower tractor, a 24-horsepower tractor, a 26-horsepower tractor, a 28-horsepower tractor, a 30-horsepower tractor, a 32-horsepower tractor, a 34-horsepower tractor, a 36-horsepower tractor, a 38-horsepower tractor, a 40-horsepower tractor, a 42-horsepower tractor, a 44-horsepower tractor, a 46-horsepower tractor, a 48-horsepower tractor, a 50-horsepower tractor, a 52-horsepower tractor, a 54-horsepower tractor, a 56-horsepower tractor, a 58-horsepower tractor, a 60-horsepower tractor, a 62-horsepower tractor, a 64-horsepower tractor, a 66-horsepower tractor, a 68-horsepower tractor, a 70-horsepower tractor, a 72-horsepower tractor, a 74-horsepower tractor, a 76-horsepower tractor, a 78-horsepower tractor, a 80-horsepower tractor, a 82-horsepower tractor, a 84-horsepower 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Who's Who at Big Wichita Show

BY THE EDITORS

HERE is the list of exhibitors who will display their latest models at the Tractor Show which opens in Wichita February 21. In several cases brief description of the exhibits has been included, together with a list of officials who plan to attend this exhibition.

The Massey-Harris Company, Racine, Wisconsin: Principal display will be the Twin-Power "101" Tractor and the 9-Combine. In addition, a new tractor plow, a semi-mounted mower and many other harvesting and wheat tools will be shown. Among the officials expected are: W. K. Hyslop, General Manager; E. F. Schiele, General Sales Manager; E. F. Krein, Advertising Manager; E. A. Adams, Chief Engineer; Ed Everett, Harvesting Tool Engineer; L. E. Pfost, Chief Tractor Engineer; Clem Michaels, Tillage Tool Engineer; A. Checkla, Kansas City Branch Manager; and H. F. Sweeney, Kansas City Assistant Branch Manager.

International Harvester Company, Chicago, Illinois: This company plans to display all types of farm equipment and dairy equipment on the second floor of the Forum, and will have an industrial exhibit on the lower floor. Officials expected to attend are: J. L. Caffery, Director of Domestic and Canadian sales; W. F. McAfee, Sales Manager; R. C. Archer, Assistant Sales Manager; R. E. Butler, Southwest District Manager; H. T. Hildebrand, Assistant Manager of Southwest District; H. Bertschi, Collection Manager; W. Sims, Kansas City Branch Manager; H. Wiley, Topeka Branch Manager; C. Clark, Hutchinson Branch Manager; H. M. Griffin, Salina Branch Manager; R. E. Jacquier, Oklahoma City Branch Manager; E. N. Black, Joseph Branch Manager; N. D. Edgell, Denver Branch Manager.

Oliver Farm Equipment Sales Company, Chicago, Illinois: Exhibits will consist of a complete line of tractors, combines, threshers, binders, plows, mowers, listers and other farm equipment. Officials expected include: J. M. Becker, Vice President and General Sales Manager; Al Fix, General Works Manager; George Dechant, Field Engineer; C. G. Strandlund, Plant Manager; J. T. Ashton, Chief Engineer; C. E. Johnson, Service Manager; O. E. Engen, Chief Engineer; R. D. Merrill, Eastern Division Manager; R. L. Lee, Western Division Manager; J. B. Dowd, Kansas City Branch Manager; C. R. Grant, Assistant Branch Manager; and E. Magee, Credit and Collection Manager.

Dempster Mill Manufacturing Company, Beatrice, Nebraska: Exhibit will contain Dempster windmill, shallow well pump, deep well pump and other irrigation equipment, plus an assortment of farming equipment. Officials expected include: Earl Gaffney, Sales Manager; I. N. Downs, Power Pump Department; and K. A. Underwood, Kansas City Branch Manager.

Caterpillar Tractor Company, Peoria, Illinois: Exhibit will consist of a display of agricultural tractors on tractor row and road machinery display on the lower floor of the Forum. Officials who are expected include: L. Fletcher, Assistant General Sales Manager; A. L. Robertson, District Representative; W. W. Paape, Special Representative; and Robert Culshaw, who will have charge of the exhibit.

Minneapolis-Moline Power Implement Company, Minneapolis, Minnesota: The exhibit will be held at the Moline warehouse on Tractor Row and will consist of a complete line of farm machinery and equipment. Among the company's personnel who are planning to attend the show are: W. C. MacFarlane, President; George L. Gillette, Vice President and General Sales Manager; H. S. Holm, Credit Manager; W. Grussing, Advertising and Sales Promotion Manager; Bert Lavers, Chief Tractor Engineer; "Cap" Ross, Manager at Moline; John Seaholm, Chief Engineer—Moline; Martin Rong, Chief Engineer—Hopkins; F. N.ingham, Southwest Division Manager; H. K. Nelson, Assistant Southwest Division Manager.

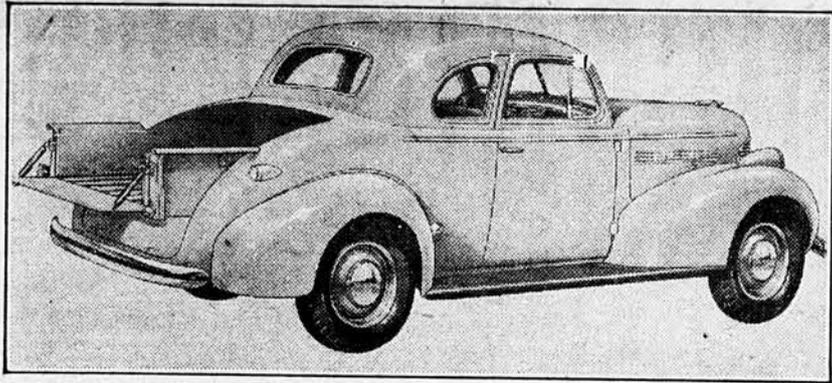
John Deere Plow Company, Moline, Illinois: The exhibit will feature the new Model H Tractor and the No. 9 Combine as well as virtually every tool (Continued on Page 11)

Find Life of Security

(Continued from Page 8)

room go there for breakfast. Those who are working at any great distance from the hall have their breakfast brought to them. Thirty minutes are allowed for breakfast. The bell is rung again at 11:30 and everyone comes to the hall for dinner.

From 11:30 until 4 p. m. is "free time" except for those who are on duty in the kitchen and dining hall. Parents may get their children from school or nursery. The reading and recreation rooms are open and there is much



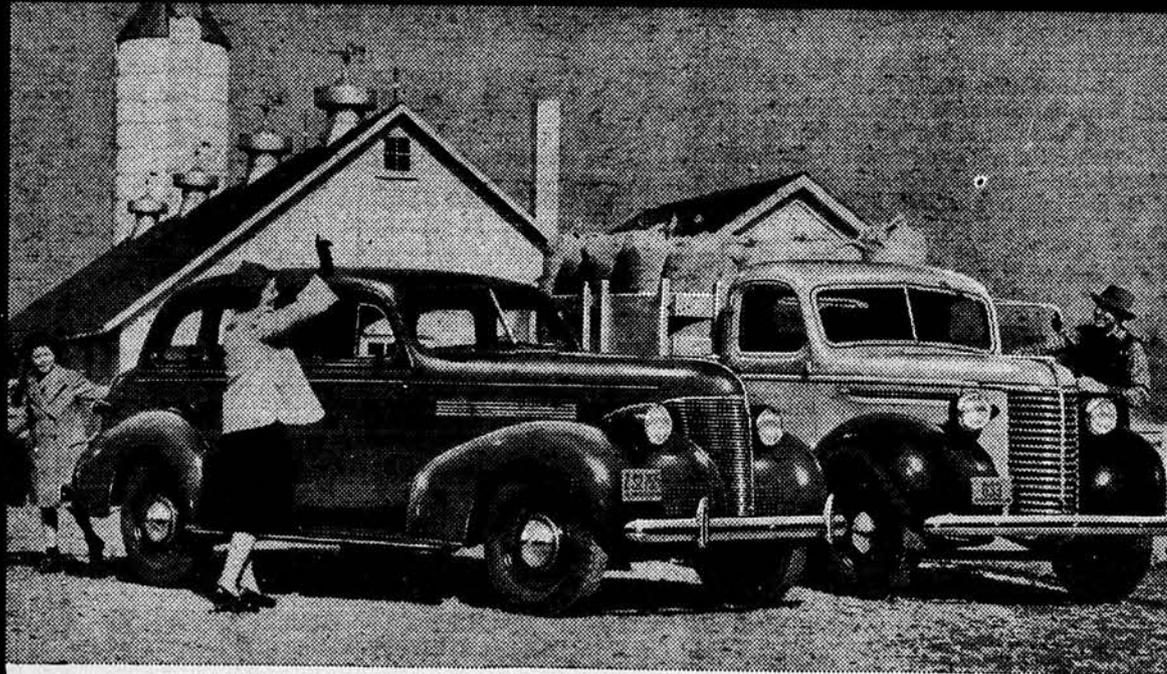
A handy vehicle for farm-to-market traveling. This Chevrolet coupe pickup is available on the Master 85 car chassis.

gossiping in the shade of the small park. Tea is served and everyone is back at work at 4 p. m. Work continues until 7 p. m., when everyone goes to the showers where freshly laundered clothes are issued.

And when I asked my questions, I

was asked questions such as: "Are Jews allowed to hold public office in America?" "How do you feel to be alone among all us Jews?" I began to understand what the girl meant when she said, "You Americans could not understand."

Whether you want a passenger car or truck "CHEVROLET'S THE CHOICE"



The beauty, performance, driving and riding ease of Chevrolet for 1939 quickly prove that "only Chevrolet gives so much for so little."

For good, sound, honest value, "Chevrolet's The Choice" again in 1939! It brings you higher quality in every part and feature . . . from its extra-powerful, extra-economical Valve-in-Head Engine to its outstandingly beautiful Body by Fisher with New Aero-Stream Styling . . . from its Perfected Vacuum Gearshift*, which does 80 per cent of the work of shifting gears, to its Perfected Knee-Action Riding System*. And Chevrolet brings you all these advantages at new lower prices and with low cost for gas, oil and upkeep. See this car of maximum value at your nearest Chevrolet dealer's today!

*Available on all models at slight extra cost. †Available on Master De Luxe models only.

CHEVROLET MOTOR DIVISION, General Motors Sales Corporation, DETROIT, MICHIGAN
General Motors Instalment Plan—convenient, economical monthly payments. A General Motors Value

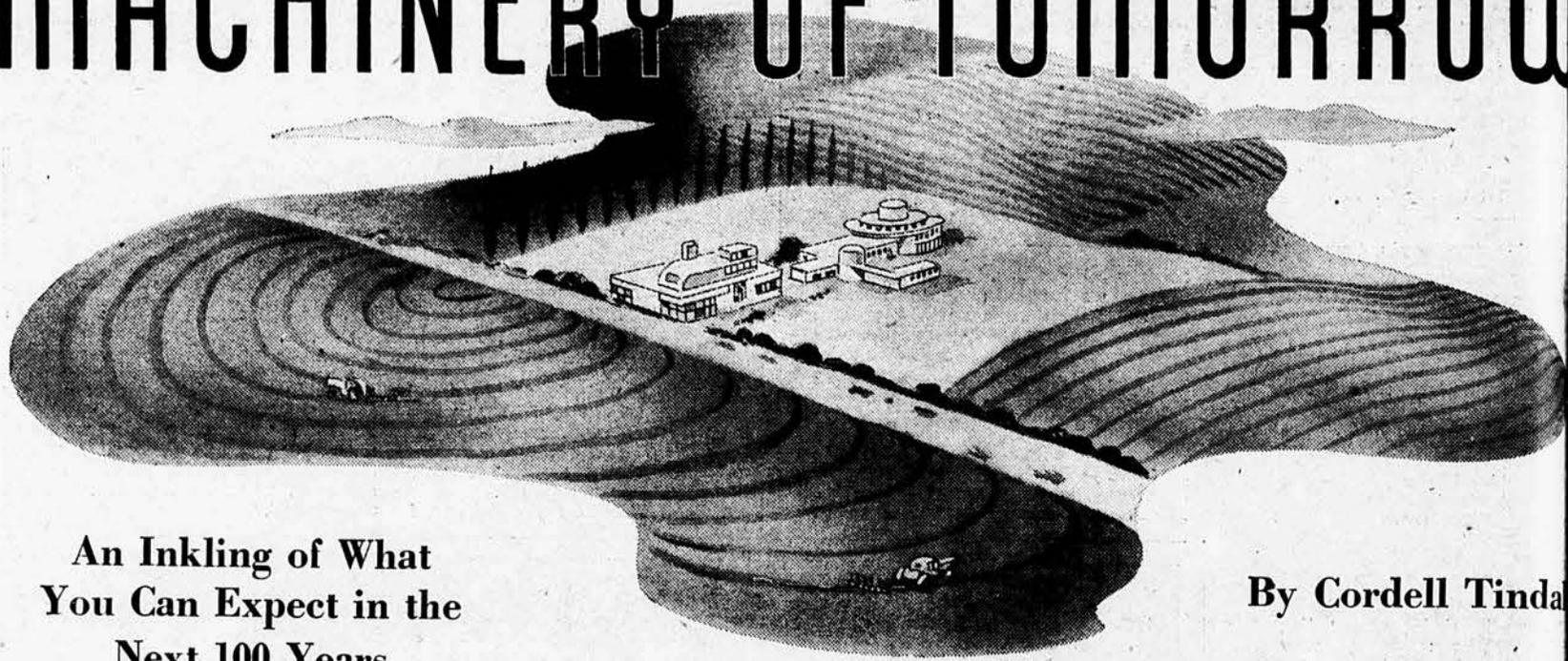


Chevrolet's big, brawny trucks for 1939 are designed for the load, powered for the pull, priced to save you money.

The truck for bigger loads and smaller bills . . . the truck for your job this year . . . is Chevrolet! Chevrolet brings you a choice of 45 different models, in eight wheelbase lengths, including new Heavy Duty Cab-Over-Engine models—all selling in the lowest price range! And these new Chevrolets are the great power-pullers of the economy field, the most dependable trucks built today, with Massive New Supremeline Truck Styling, Vastly Improved Visibility, Chevrolet's Famous Valve-in-Head Truck Engine and Powerful Hydraulic Truck Brakes. Save in all ways—in purchase price, in operating costs and in upkeep—by choosing Chevrolet trucks for 1939!



MACHINERY OF TOMORROW



An Inkling of What You Can Expect in the Next 100 Years

By Cordell Tindal

WHATEVER the future holds in the way of new ideas for farm machinery, you can count on it that the men who are experts in this line won't be surprised. We thought it would be interesting to peer into the crystal ball and try to see what our farming implements will look like in the next 10, 50 or 100 years. So we asked the manufacturers, agricultural engineers, and authorities of all kinds in this field to pass along their ideas—fantastic as they might be.

These men all agree only in that we can expect anything. For instance, they think that by 2000 A. D. you may be able to send your tractor out to the field to do its work alone, while you operate it by remote control from some nice air-conditioned spot. That tractor may be powered by fuel similar to what we now use, but it may get its energy from the sun, wind, or perhaps from electricity transmitted without wires.

Or we may expect such implements as one that is being designed by a farmer which releases certain gases and chemicals under the surface of the ground which in turn speed up the process of oxidation of plant food. Thus crops can use energy that now is lost when the soil is tilled.

Predictions of future farm machinery are not mere flights of fancy. There now are indications that show fairly well the trend of implements to come. Our manufacturers always have built their machinery to fit the needs of the farmer, so if we can guess what his needs are to be, we also can guess what the machinery will be like.

Today's machinery does a pretty complete job, we must admit. Especially in the line of harvesting. A great many farms now have combines that will handle about every staple crop except corn and cotton. And they're working on both of these machines. If the present trend of the "all-crop" combine continues we may expect one that will harvest corn as well as small grains.

Of course, there may be some new crops that will require new harvesting equipment. Right now we need something to handle artichokes which are raised as a source of alcohol. Another such crop is castor beans. They must be harvested very carefully if the seeds are to germinate.

Studies are being made as to the possibility of extracting tannic acid, used in tanning leather, from sumac. It seems that the first year's growth of sumac produces about as much tannic acid as anything else. Thus, if sumac becomes a farm crop we'll need a machine to harvest it. And other new crops may pop up overnight. You just never can tell.

There are a few jobs left on the farm that we now do by hand which might be done by machine—digging post-holes and building fence, harvesting truck crops and sugar beets, loading manure, splitting firewood, harvesting fruit trees. You probably can add to the list.

In recent years we have made our biggest strides in harvesting machinery but other machinery can be expected to receive attention now. Most

authorities think that tillage implements are next in line for radical improvements.

If you want to make a quick fortune just devise a tool that will pulverize the soil, yet keep the organic matter in the upper part of the soil. Much organic matter, such as cornstalks and straw, now is wasted. The old moldboard plow may become a historic relic for the trend is not to turn the soil so much. The disk-type plow may come back. There also is need of a good two-way plow, for the ones we

furrowing plow. Several have been developed but there is much to be done along this line. A low priced terracing machine suitable to all farms can be expected soon.

The field of tillage implement design has not been scratched and there is much to understand of the relationship of tillage to fertility; also the relationship between soil particles and soil structure.

Another "wide-open" field is in haying and preserving grasses and other forage. Hay is about the nation's third largest crop in acreage and perhaps the most valuable grown by American farmers. Many hay growers would greatly appreciate a machine that would crush the stems of alfalfa and convert to speed curing. And there is much physical labor in handling the hay crop that may be done away with.

Grass silage seems to be the topic of the hour and we can expect to have some fine improvements in this field. The roughage mill already is greatly improved and has been given more uses, and chopping hay may change our methods of storing the hay crop. The field ensilage cutter is another new development that is showing how much work is being done along this line. Feed always is a big expense item in producing milk, meat or work. Although the scientists tell us that some day we may have synthetic milk and even synthetic meat, livestock will be essential for a good many years.

We think of the tractor as the most important piece of machinery on the farm. From the first huge, awkward machines that needed several acres to turn around in we've seen them grow smaller and smaller until now they are sleek and streamlined.

Streamlining in tractors and other farm machinery has been to make them more simple and to give them greater strength. For instance, combines with a cover and frame similar to the deck of a car give the same amount of material much more strength. As long as streamlining serves such a good purpose it probably will be continued. However, we must remember that we do not need streamlining to cut down wind resistance to give more speed, so the tractor need not be as streamlined as automobiles and airplanes.

That brings up the matter of speed in tractors. We once thought tractors were pretty speedy when they could go faster than a horse. Now we have tractor races—or more common, tractors that easily do 45 miles an hour on the highway. Perhaps you have had visions of tearing around in your field at such terrific speeds that you could finish disking in time to spend the afternoon in town. Our experts agree that we have about reached the top speed in tractors with our present tools. A disk, for example, tends to ride out on most soils at about 5 miles an hour and doesn't do a good job. Our farm machines do not have springs, so they certainly is a maximum speed at which the driver is not jostled about too much for safety.

One thing certain is that our tractors are going to make farm life more comfortable. (Continued on Page 19)



So You Can Check on Us

WE SUGGEST that you clip this article and paste it in your scrapbook. Then about 2039 you can get it out and see how nearly we have forecast the future. The ideas here are pretty sound ones, for they are the opinions of the best authorities on farm machinery. Manufacturers, agricultural engineers and others were interviewed and this article is a collection of their ideas. We wish to express our thanks to all those who co-operated so willingly.—The Editors.



have now are not satisfactory. They could be used to save a great deal of moisture and soil by plowing on the contour and throwing the soil up hill.

Conserving both soil and moisture will receive more and more attention. The basin lister, developed in Kansas, is a really new idea, and implements that will make pockets to hold moisture and to check erosion are making their way into states where there is more rainfall.

There still is a need for a good pasture contour

4,000 Feet for Home Show

THE Western Tractor and Power Farm Equipment Show has a new feature. Acceding to the demands of thousands of farm women who each year have voted the model farm kitchen among the show's most interesting features, the directors are this year devoting 4,000 feet of space to an entirely new home appliance show.

This new section, to be housed in the Forum along with the model kitchen, will include equipment operated by gasoline, home electric plants and high-line electricity. There also will be manual power appliance displays. As a matter of fact, every item displayed in the model kitchen this year will be exhibited, as well, in the home appliance division. Many of these will be in actual operation as in the farm home.

This is the first time that such equipment has been permitted in the official territory of the show. It was brought about by an almost endless string of questions by farm women, "How about some exhibits of things for our homes?"

It is expected that the area set aside for this exhibition will be the focal point of nearly every farm wife and daughter who come to Wichita between February 21 and 24.

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Midget Combines Do Their Job

Improvements in All Makes

FROM all appearances the midget combines are here to stay. Their birth and year by year growth has met with many pitfalls, hazards and objections, but farmers in the general farming area like the idea and it is up to agricultural engineers to continue improvements in all makes of small combines.

Probably the newest innovation in combine design, announced thus far for this year, is the 40-inch model, a regular baby size. This machine naturally operates under very adverse conditions. It has application in Kansas and, of course, on East in less extensive farming areas.

The 1938 harvest was a wet one, and from all we could find out the small combines proved very successful for coping with the situation. Much expense was run up by hooking tractors to get combines out of the mud. Some of the little combines may be operated from an auxiliary engine, but the tractor is too light to handle the load.

Wheat is usually an extensive crop on any particular farm. For instance, on a small Eastern Kansas farm the wheat fields are likely to be the larger and more level of the farm. But day by day we are combining many other crops. We meet all kinds of operating conditions, rough land, stumps, sand dunes, small gates. The small combine is an added advantage here.

There are arguments in favor of large combines which "hold water" in any company. But we have been getting rapid improvement in the little machines. It is human nature to laud the newer type of any machine, but forgetting this, and basing our conclusion on what farmers tell us, it looks as if the trend in farm use is toward smaller, power take-off combines.

Who's Who at Wichita

Continued from Page 9)

able in the Southwest. Among those expected to attend are: C. D. Timan, President; M. J. Healey, Vice President and General Manager; Frank Alloway, Vice President; C. N. Stone, Vice President; C. O. Brown, Vice President; H. M. Railsbach, Director of Advertising; L. A. Murphy, Plow Works Manager; L. A. Paradise, Harvester Works Manager; L. A. Rowland, Tractor Company Manager; Carl Gamble, Manager-Spreader Works; V. F. Ozeman, Manager Wagon Works; H. Roschel, Manager Dain Manufacturing Company; Harold White, Manager Reere and Mansur; F. H. Clausen, Manager Van Brunt Manufacturing Company; E. M. Burke, Division Sales Manager; and C. J. Dauner.

Allis-Chalmers Manufacturing Company, Milwaukee, Wisconsin: Will exhibit on the second floor of the Forum a complete line of crawler and wheel-type tractors, combines and other equipment.

J. I. Case Company, Racine, Wisconsin: This company will exhibit Case combines and tractors as well as other types of equipment on Tractor Row.

Wood Brothers Thresher Company, Ames, Iowa: This company will exhibit the new straight line combine and an assortment of threshers on Tractor Row.

Other exhibitors at the Wichita show are: Folkers Supply Company, Dover Manufacturing & Engine Company, Victor L. Phillips Company, Airbanks, Morse & Company, Truck Parts & Equipment Company, Heil Co., Zenith Carburetor Co., Scintilla Magneto Co., Inc., Hyatt Bearings Division of General Motors, New Department Division of General Motors, Cyrene Air Cleaner Co., Economy Oil Filter Co., Cleveland Tractor Co., National Tile Silo Co.

American Bosch Corp., Productive Equipment Corp., Papec Machine Co., Motor Improvements, Inc., Ben Sibbitt & Foundry Co., Northfield Iron Works, Hercules Motor Corp., Timken Roller Bearing Co., Dodson Manufacturing Co., Universal Motor Oils Co., Million Iron Works, W. A. Riddell Corp., S. & S. Sales Co., Babson Brothers Co., Moore Auto Electric Co., Garwood Industries, Inc., Derby Oil Co., Delco-Remy Division of General

Motors, Steve Wise Co., Jacobs Wind Electric, Interlocking Stave Silo Co., Skelly Oil Co., R. G. LeTourneur, Inc., Stewart-Warner-Alemite Co., Johnson Brothers Auto Supply Co., Hutchinson Concrete Co., Murdock Electric Co., Stowe Hardware & Supply Co., Blood-Brothers Machine Co., French & Hecht, Inc.

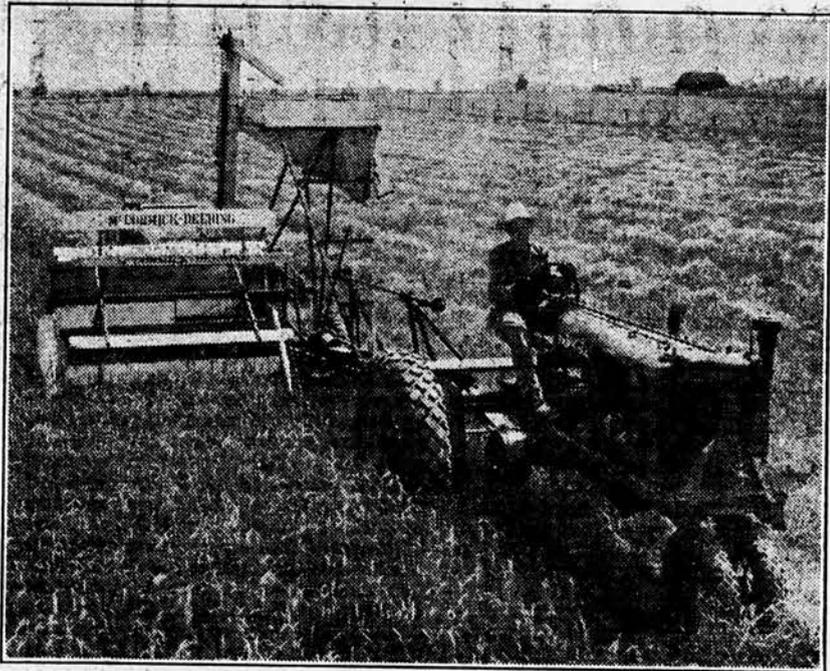
Windcharger Corp., DeLaval Separator Co., Barlow & Seelig Mfg. Co., United Motors Service, Smythe Implement Co., Gleaner Harvester Corp., Wichita Avery Co., Frank Huse & Son., W-W Grinder Corp., Agricultural Machinery Corp., G. C. Dunn Tractor Co., Lincoln Engineering Co., Austin-Western Road Machinery Co., Wisconsin Motor Corp.

Columbian Steel Tank Corp., Bucyrus-Erie Co., Owatonna Tool Co., Guide Lamp Division of General Motors, McPherson Concrete Products Co., Shaw Manufacturing Co., Fahrir Bearing Co., Wentz Equipment Co., Phillips and Easton Supply Co.

-KF-

Pekins Most Popular

According to a survey made by the U. S. D. A. Pekin ducks are the most



The International Harvester Company exhibit at the Wichita Show will include many Farmalls and combines. One feature will be this one-man operated 6-foot combine.

popular of the domesticated varieties produced in America. The Pekins are remarkably uniform in size due per-

haps to the fact that all are descended from a comparatively few birds imported to this country many years ago.

Greatest Combine Value You Can Buy— The New McCormick-Deering No. 61

OUR 1939-model 6-foot combine is now ready—with many important improvements and a new low price! At \$695, f. o. b. factory, it gives you the most dollar-for-dollar value you can get in a small combine.

The McCormick-Deering No. 61 Harvester-Thresher brings all the advantages of combining—the modern, low-cost method of harvesting—to the smaller farms. It cuts and threshes 15 to 20 acres a day, making the harvest a family affair. It eliminates the use of twine, shocking, stacking, waiting for the threshing "ring," threshing bills, feeding big crews, and the extra work for your wife. See the McCormick-Deering No. 61 at the McCormick-Deering dealer's store. Other sizes, up to 16-foot cut.

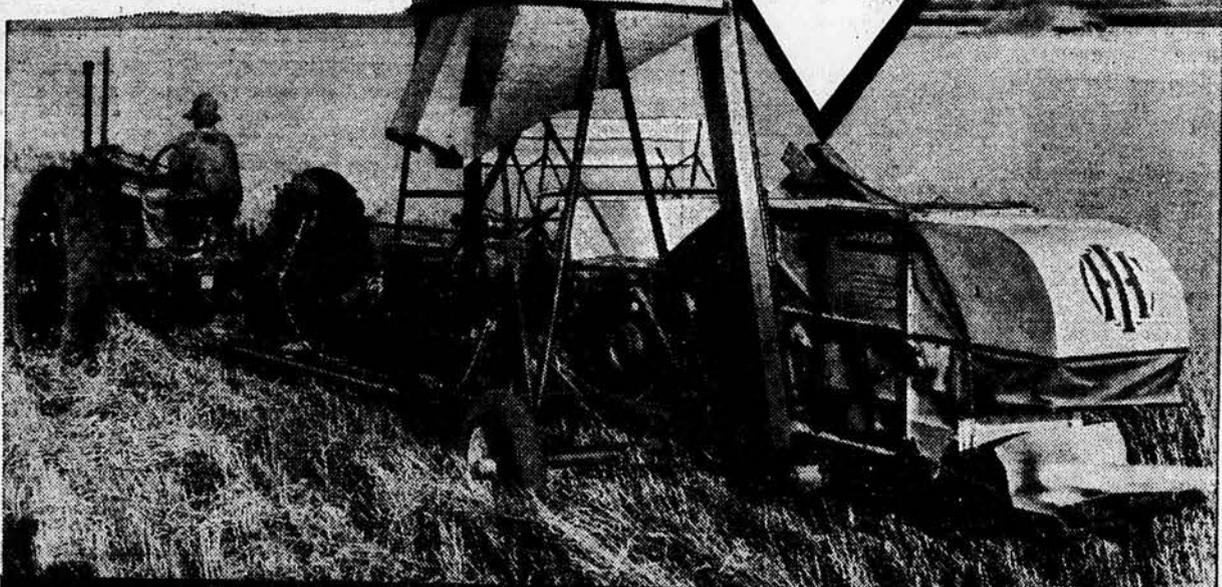
Only the McCormick-Deering No. 61 Gives You ALL of These Features in a 6-Foot Combine

- 1 Patented open-end auger.
- 2 Rub-bar cylinder. Does not chop straw. Simplifies separation and is easily adjusted.
- 3 Straight-line threshing. No right-angle turns or bottlenecks to cut capacity.
- 4 Extra-value construction.
- 5 Rotary, 3-section, all-metal straw rack.
- 6 Designed for engine operation as well as power drive.
- 7 Simple to operate and adjust.
- 8 Handles all small grains and seed crops.

\$695

F. O. B. FACTORY
complete for power-drive operation, with choice of grain tank or bagging platform. Machine complete with auxiliary engine as shown below, \$855 f.o.b. factory.

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



McCORMICK-DEERING HARVESTER-THRESHERS

Divided Opinion, C. of C. Kickback Show Up in Farm Aid Maneuvers

By CLIF STRATTON
Kansas Farmer's Washington Correspondent

WASHINGTON, D. C.—Divergent farm interests and diverging farm views are well illustrated thru the Kansas delegation in Congress.

Rep. Clifford Hope, of Garden City, Seventh district, introduces a bill in the House to levy processing taxes to provide funds for parity payments of from 200 million to 250 million dollars a year. The Big Seventh is a wheat district, and on the whole wants the AAA continued.

Rep. Thomas D. Winter, of Girard, Third district, demands that the AAA be repealed, altho willing to retain the soil conservation program and payments.

The tax under the new Hope processing bill would be 4 cents a bushel on whole wheat and graham flour; 5 cents on all other flours; 5 cents on semolina and farina; 3 cents a pound on doughnut, pancake, pie crust prepared flours; 5 cents a pound on all other prepared flours. On cotton the processing tax would vary with the yarn running from 1/2 cent a pound on a count of 1 to 2.6 cents on a count of 46, on higher counts, increasing 1/10 cent for each additional count over 46.

How Corn Tax Would Work

The corn processing tax would be 3 cents a pound on degermed corn meal, maize meal or Indian corn meal, 2 cents when undergermed; 3 cents on cornstarch, hominy grits, corn grits, brewers' grits, corn flour or brewers' flour, pearl or table hominy; 1/2 cent a pound on corn oil; 2/100 cents on canned field corn and 1/100 cents on canned hominy.

Cigars weighing less than 3 pounds to the thousand, 4 cents to 1,000 cigars; over 3 pounds, 30 cents a thousand cigars; cigarets less than 3 pounds a

thousand, 6 cents a thousand; over 3 pounds a thousand, 10 cents a thousand. Manufactured rice would pay a processing tax of 1/2 cent a pound. The measure also provides for levying compensating import taxes.

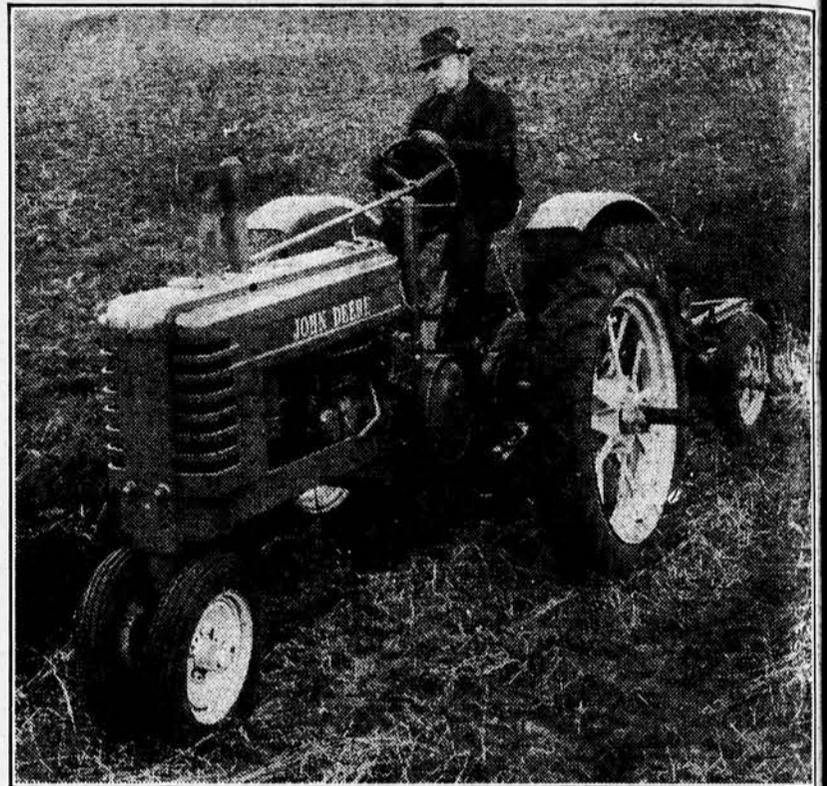
It is estimated that the processing taxes proposed would raise about one-half what the old processing taxes did. In a discussion of a similar proposal on the floor of the Senate last spring, it was estimated that the proposed processing tax on cotton and synthetic competing products would raise about 95 million dollars a year; on wheat 80 million dollars a year; on rice 10 million dollars; on tobacco 14 1/2 million dollars; corn products 12 1/2 million dollars. There is no tax on pork. In other words, there would be raised about 215 million dollars a year.

Congress last year appropriated 212 million dollars for parity payments to be made this year. Theory of the processing tax is that there would be available in the treasury at least that much every year to continue parity payments.

Didn't Agree With Davis

Significant in the national picture are the attitudes of two organizations which in times past have opposed government financial assistance for agriculture, from McNary-Haugen to AAA of 1938.

Following a conference of members of the Agricultural Committee of the Chamber of Commerce of the United States and invited representatives of national farm organizations, George Davis, of Kansas City, president of the U. S. Chamber, attempted at a press conference to express the consensus of opinion as to what Government should do for Agriculture.



Equipped with a complete set of Firestone tires, this Deere tractor is preparing none too level land for a coming crop.

President Davis's attempt to tell what was the feeling of farmers at the executive conference in regard to marketing and production control resulted in a signed statement from farm leaders present, including Dr. O. O. Wolf, of Ottawa, and John Vesecky, of Salina, that the Chamber of Commerce head was not authorized to make any such statement; also that he was mistaken in holding that the farm representatives agreed with Davis's views.

But the important thing about the Davis statement was not what he said about farmer sentiment, but what he said about sentiment of the Chamber

of Commerce, for which he presumably is well qualified to speak.

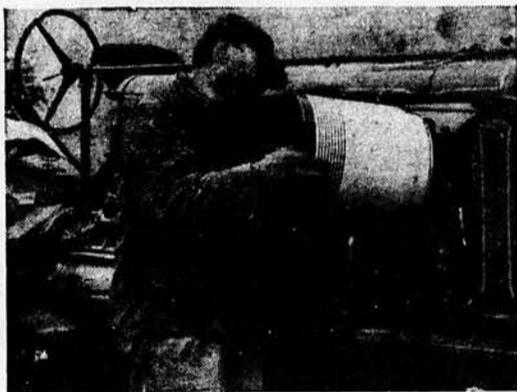
President Davis said it is evident that Government aid for agriculture must be continued. Government subsidies sufficient to equalize farm and industrial income were approved. Tariff and other governmental protection of prices for industry, he said, will have to be offset by subsidies to farmers so these will get a "fair" share of the national income. But direct subsidies, with no strings—let the established trades handle and process and distribute without Government interference. (Continued on Page 19)

**THEY'RE NOTED
FOR CATTLE
AND CORN**



Breed Prize Livestock. B. F. Shader and B. T. Brown of Ft. Collins, Colo., have been farming partners for 21 years. They specialize in raising corn and sugar beets and in breeding fine cattle which have taken many prizes at county and

state fairs. Mr. Shader is shown above with his son Benny and two of their registered Aberdeen Angus cattle in front of which are some of the ribbons the stock has won at various notable exhibitions.



They feed 1,000 steers. Albert L. Mertz (above) and his brother Ross of Potwin, Kans., run what might be called a "steer restaurant" by annually putting up 2,000 tons of silage to feed 1,000 steers. As old Standard Oil customers, they say of Iso-Vis Motor Oil: "It lubricates perfectly in any weather."



Corn Kings of Wapello County, Iowa, are Charles Sands and his son Arthur, shown above with some of their prize corn and a few of the many ribbons they have won with the grain. The Sands use Iso-Vis Motor Oil exclusively in their extensive power farming operations.

AND THEY RECOMMEND Long-lasting, Tough-bodied ISO-VIS MOTOR OIL

because this premium-quality lubricant lessens the operating costs of farm equipment. Because they, like thousands of other farmers, have learned from field experience that Iso-Vis gives less sludge, forms less engine carbon, and lubricates instantly at low temperatures.

Ask "Stan" About Standard's New Purchase Plan Which Gives You This Premium-Quality Motor Oil At A Bargain Price

Copyright 1939, Standard Oil Co. (Ind.)

STANDARD OIL COMPANY

"Danger Spots" Being Made Safe

Manufacturers Eliminate Accident Causes

GREAT improvements in farm machinery, including all types of equipment from tillage to power implements, will be made in continued development of safety devices to protect operators.

Since the advent of tractors and power take-off driven machinery and their increasing popularity in recent years, the number of serious accidents caused by machinery has risen, reports J. B. Davidson, head of the Agricultural Engineering Department at Iowa State College.

Mr. Davidson said that manufacturers are aware of the growing agitation for safety devices and are attempting to work together in removing danger spots from farm machinery before each state passes laws including corrective safety codes.

During the last few seasons manufacturers have been active in enclosing the machine parts which are causes of accidents. Fenders now shield the rear wheels, some tractor models have hooded engines and others have enclosed transmissions and power take-off shafts.

Latest trend in the safety movement points toward development of safety devices which form an integral part of the machine. Thus, when safety devices are removed, the machine becomes inoperative.

Danger points are also being marked with suitable labels. Active in Kansas is the Farm Safety Council which is doing statewide work. The Kansas Farmer Mail & Breeze is represented on the Farm Safety Council, and contributes a \$50 gold watch to the winning boy and one to the winning girl in safety work. The safety projects are carried out on the home farms and in the communities of each person who enters the contest.

Kansas Needs Soybeans

Kansas should have a decided increase in soybean acreage, both for hay and seed production, says R. I. Throckmorton, of Kansas State College. Most of the soybeans are grown in about the eastern fifth of the state, and the crop has a definite place in the rotation systems in that area. This is particularly true on those farms where flax is grown. Flax can be produced at a lower cost following soybeans than after most any other crop because the land needs merely to be disked.

Soybean production in Kansas has fluctuated materially during the last few years, primarily because of the wide fluctuations in climatic conditions which have forced shifts in general cropping practices.

Kansan Is Oklahoma Dean

W. L. Blizzard, recently appointed dean of agriculture and director of the experiment station at Oklahoma A. and M. College, Stillwater, obtained his start in professional livestock work in Kansas, his home state. Mr. Blizzard was a livestock fieldman for Kansas Farmer from June to October, 1914.



W. L. Blizzard, new Oklahoma dean.

Previously he had served as assistant extension livestock specialist for Kansas State College. He was graduated in animal husbandry from that school in 1910, and following graduation spent a year in livestock farming in Reno county, Kan.

After leaving the Kansas Farmer staff, Mr. Blizzard became assistant professor of animal husbandry at Iowa State College. He joined the staff of the Oklahoma college in 1915, and was appointed head of the animal husbandry department 4 years later.

Mr. Blizzard has a record of having judged at every major livestock show in the country from Maine to California, also in Hawaii. He has judged frequently at Kansas state shows.

—KF—

Good Care for Equipment

An excellent but economical machinery shelter was built last fall by O. P. Linschied, Reno county. The framework for this building, which is about 24 by 36 feet in size, was made from 1 by 6-inch pine lumber on dimension size studs and rafters. Altho this framework is light it is unusually well braced. It is covered with good quality



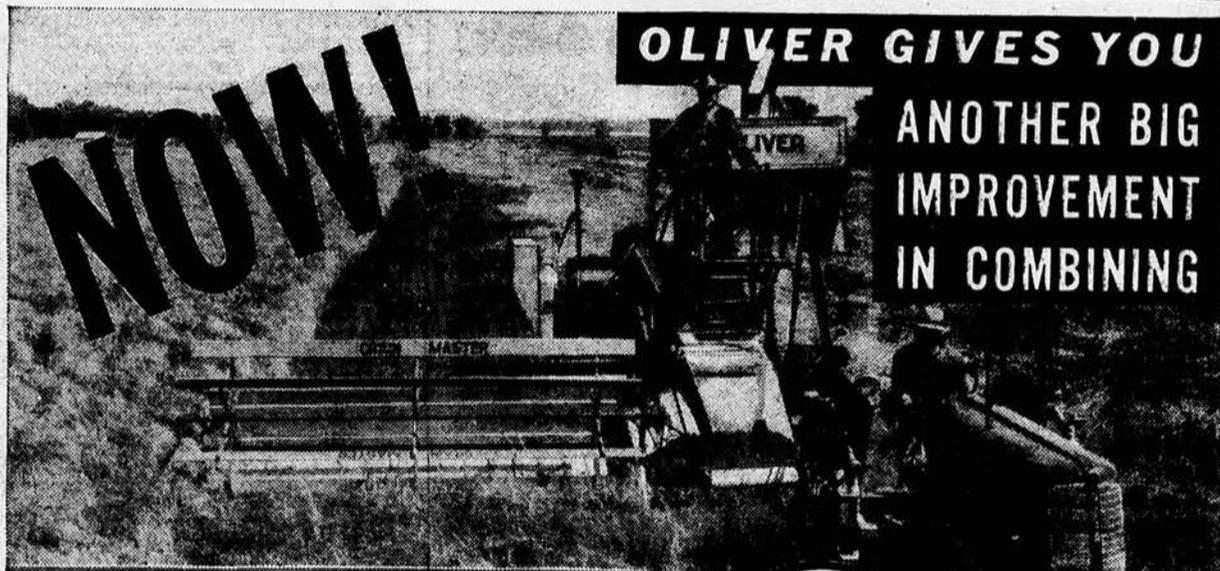
A close-up of a new Oliver Row Crop "70" in the field. Look for this model, as well as the Oliver grain Master combine and other equipment, on Tractor Row during the Power Show.

galvanized sheet metal. Apparently no amount of wind can shake it.

One end of this building has 2 large doors which open the entire space. These may both be removed and the central frame taken out so that the combine and large grain drill will roll in readily. Inside the building is a fairly complete work shop, based

around a long bench on one side. There is room for the pick-up truck inside also.

Mr. Linschied is another good farmer who makes the practice of keeping his machinery up in repair. He orders new parts when the machinery is housed and works on the equipment during the winter months.



OLIVER GIVES YOU ANOTHER BIG IMPROVEMENT IN COMBINING

New Weatherproof Rubberized Drapers Feed the Big Cylinder and Straight-in-Line Threshing

You know that drapers are the best feed for combines. They deliver the straw flat, uniformly, straight back, do not wind or pack, feed heads-first. Before this, drapers had one disadvantage—canvas drapers would rot and shrink. Now Oliver ends that one disadvantage. All 1939 Oliver Grain Masters have, at no extra cost, rubberized, weatherproof drapers. They are made of the same materials as long-lasting rubber belts. They hug the drives like rubber belts. They will not stretch or shrink—no more loosening buckles at night—no more taking off drapers when it rains. See this new great improvement in combine efficiency in the Oliver Grain Masters, 6-, 8-, 10-, and 12-foot combines. Modern in every respect—built to roll easily on air tires behind modern tractors.

Light Weight—Easy Draft—Low Prices—Sturdy Construction

Oliver combines are light in weight, easy to pull, low in price, big in capacity and sturdy throughout. A feature that thousands of grain raisers praise is the big cylinder—bigger than you expect in machines of their size. Big because big cylinders have proved grain-saving in the famous Red River Special Threshers and Oliver combines.

Oliver combines also feature heads-first, straight-in-line threshing. Straw is controlled properly from the

cylinder feed to the end of the grain-saving straw carrier. Hinge float feederhouse and balanced header—cutting heights from 2 to 30 inches—heavy duty V-belt cylinder drive—sturdy tubular main axle—easily accessible machinery—big capacity, fast-emptying gravity dump grain tanks—entire machine designed and balanced for fast travel on air tires! See the new sturdy Oliver Grain Master at your Oliver dealer's, or write us for advance information on the size you prefer. Address

OLIVER FARM EQUIPMENT SALES COMPANY

227 Wichita St., Wichita, Kans.; 1329 W. 13th St., Kansas City, Mo.

SEE THE ROW CROP "70"

\$727 and up

f. o. b. Charles City

POWER FOR BIG FARMS

The Oliver "80" has 3-4-plow power that slices plows through grain country soils with ease. Two types—Row Crop and Standard 4 Wheel. Two models: H C—high compression for gasoline and the K D, especially designed for low grade tractor fuels. Oliver variable speed governor saves fuel—keeps engine at most efficient operating point. Very low weight per horsepower—automatic steering brakes make turning easier, quicker and in shortest circle—valve-in-head engines—force feed lubrication—wide choice of wheel and lug equipment. Try an Oliver "80" if you have a big farm. If you prefer smaller but more tractors, buy two or more Oliver "70's" at the new low prices. See your Oliver dealer for an Oliver power line-up that fits your particular needs.

MOLDBOARD PLOWS—Favorite moldboard plows behind Oliver "80's" are the Oliver 3-bottom 16" and 18" series—wide furrows—unusual covering ability—sturdy flat bar steel beams and beam braces—Oliver quick-acting power lifts—ball-bearing easily operated depth and leveling adjustment—light draft Oliver Dial Hitch—high clearance—convertible to 2-base plows if necessary—all have exclusive Oliver soft center moldboards with double-thick wearing face.

DISC PLOWS—If you want sturdy, light draft, easily adjustable, straight running disc plows, ask your Oliver dealer about the Oliver Line—overhead beam gangs for hard work behind husky tractors—medium weight gangs—one-way disc plows with easy depth adjustments, discs removed from front of frame—the light end—greatly reduced side-draft. Overhead beam One-Way Disc Plows with power or plain lift—wide range of sizes of plows and sizes of discs.

VISIT THE OLIVER EXHIBIT AT THE WICHITA SHOW FEBRUARY 21-22-23-24

KF 2-11-39

... THEN YOU WILL KNOW WHY

STURDY IS THE WORD FOR OLIVER

SAVE FUEL!



OLD FAITHFUL SURE TAKES LESS FUEL NOW-A-DAYS... GUESS WE CAN THANK THESE NEW GOODRICH SILVERTOWNS

NEW TYPE TIRES SAVE MORE THAN THEY COST*

Suppose every time you bought 9 gallons of tractor fuel, the dealer charged you for only 6... you'd be getting 3 gallons free...

Well, here's how you may get the equivalent of that free gallonage. Field tests prove that when modern Goodrich Tires replace steel wheels on your tractor, 6 gallons usually do the same work that previously required 9.

Sound too good to be true? Then get the proof from your local Goodrich dealer. Have him show you how the sensational new Hi-Cleat Silvertown for rear wheels makes these amazing fuel savings possible.

*Total savings on fuel, oil, repairs, and time, as a result of changing from steel wheels to Goodrich Tires are greater, for the average tractor owner, than the cost of the tires. Some farmers report that *fuel savings alone* paid for their tires in two years.

A Super-Power Tread

Such savings are possible because of the SUPER-POWER tread on the Hi-Cleat Silvertown. As the tire rolls into action the "teeth" of the tread dig into the soil. You get "gear-tooth" traction in any kind of going.

There's a *minimum* of slippage as the tire bites, digs, pulls. With more of your tractor's power going directly into productive work, you can use high gear instead of second... save up to 1/3 on fuel—up to 1/4 on time.

And because those soft-riding Hi-Cleats reduce vibration, you'll save money

on repairs... not to mention the added comfort you'll enjoy.

A Skid-Ring for Front Wheels

For tractor front wheels, Goodrich gives you the *most practical* front-wheel tractor tire ever built, the new Skid-Ring.

The rugged rubber flange around the tread checks sideslip... makes your tractor almost as easy to steer and turn as your automobile. And you never have to delay your work to clean this revolutionary tire. *It cleans itself!*

And because both the Skid-Ring and the Hi-Cleat are made with Goodrich Sun-Resisting Rubber, another discovery of America's oldest tire manufacturer, farmers find they last longer.

See your Goodrich dealer about a changeover NOW! Remember, you don't have to pay cash. You can use the new Goodrich Easy Payment Plan—take as long as 12 months if desired.

And if you're planning to buy a new tractor, do the *saving* thing. Have that new tractor delivered on Goodrich Silvertowns. These great money-savers will cost you *not one penny* more than you'd be required to pay for any other tires.



*** Goodrich Tractor Silvertowns Save More Than They Cost!**

Bigger Job for Feed Mills

Important Points to Watch

FEED choppers and grinders always are among the big attractions at a machinery show. It is not peculiar that this is true. Our livestock business is as important as our crop production. Many kinds of machinery are concerned with crop growing, but the pieces of equipment used in livestock production are less extensive, and none is more basic than the feed mill.

Now that roughage cutters may be used successfully for making silage, altho on a somewhat smaller scale than regular silage cutters, there is an added attraction in chopping dry feed. Many times the silos won't hold the supply of fodder produced, as was the case last fall, and some good method of storage is badly needed.

Stacking has done fairly well but even then the feed eventually must be chopped in order to get much good from it. Long stacked feed doesn't make such good whole fodder.

Thiessen Brothers, Mitchell county, have solved their feed storage problem in outstanding fashion. What they have done probably has been done by other farmers, but this is the first time the practice has come to our attention in such a striking fashion. For the last 5 years, Thiessens have chopped and ground their fodder, after being shocked about 30 days. They have stored it in large stacks with no protection except a cover of fodder bales.

Almost No Spoiled Feed

This feed has kept unusually well. In fact there has been almost no spoilage. In examining feed stored this way last fall visitors dug into the sides of the piled feed and found a dry condition in the first few inches. This rapidly became more moist until the feed had a moisture content similar to silage, and a sweet odor, about 12 inches from the outside.

There are several important steps in the way Thiessen Brothers make their chopped feed. In the first place, the feed is shocked for about 30 days. This might not be necessary in exceptionally well matured feed. Many farmers

have made silage and stacked it in the open. Usually this feed is green however, and apparently the partly dried fodder keeps better.

Another basic thing in this method of storage is fine chopping of the feed. By chopping it extremely fine the feed will seal over tighter.

"There isn't any secret method of doing this," Ernest Thiessen said. "We started cutting and stacking our feed 5 years ago, and we like it better all the time." Thiessens winter stock steers, preferring to get about a pound of gain daily. They remove all of the tops from sorgo, or the ears from the corn fodder, whichever the case may be, before chopping. On this feed they have made a pound of gain daily on 2-year-old steers.

The cattle fattener, or the man who handles calves, would prefer to leave his grain in the fodder and this can be done readily. With the type of mill Thiessens use the grain may be ground separately and returned to the roughage giving an evenly mixed chop, with the grain well cracked.

The Bigger the Piles the Better

One principal difference is seen between the method used by Thiessens and that followed usually. They stack the feed in large quantities, at least 15 to 20 tons. Sometimes they pile up as much as 100 tons. This year they placed 275 acres of Atlas and corn fodder in about 5 piles. The bigger the piles the better the feed is on the inside.

A big advantage of this practice is that a farmer can cut and shock his feed with his own help. Then he can haul the feed and chop it during the fall, having it all piled and ready for winter feeding. It may be stored in open feed racks and raked out to the cattle at each feeding. No winter hauling is necessary in this case.

The consistency of the cured feed on the inside of one of these big stacks is similar to silage, but with a distinctly sweet odor. It is quite moist since Atlas which has been shocked 30 days cuts up dripping wet.

Finds Profit in Sweet Potatoes

By JAMES SENTER BRAZELTON

MASTER Farmer Herman Thieden did not wait for the bottom to drop out of the Irish potato market before he began casting about for a substitute or supplementary crop. Five years ago Mr. Thieden sensed what was about to happen to potato prices in the Kaw Valley. He had been growing potatoes on his farm near Bonner Springs since 1890 and for many years the crop had returned a nice profit.

In fact, 12 years ago, potatoes financed a pilgrimage back to Mr. Thieden's native Sweden which he had not seen in 40 years. But the time came when Irish potatoes no longer returned a profit. Mr. Thieden was prepared. Due to his foresight he was ready with another crop and that crop was sweet potatoes.

"Last year the demand was so great for sweet potatoes," said Mr. Thieden, "that I could have sold 25,000 bushels more than my 35-acre field produced. The yield was 250 bushels to the acre and the crop brought 60 cents a bushel at the farm."

Trucks came in flocks and hauled the sweet potatoes away in carefully packed bushel baskets. Digging started about August 15, but the harvest was not over until early October. They are turned out of the ground with a 16-inch plow. Those not sold as dug were stored in a concrete basement of 5,000 bushel capacity where they were kept at 85 degrees the first 2 or 3 weeks, after which a constant temperature of 60 degrees was maintained.

Potatoes from which this year's plants are to be obtained were hill selected by Mr. Thieden himself, who maintains that this is one of the essentials for success in growing this crop. Specimens chosen must conform to certain type characteristics of the variety, such as shape and color. Besides these ideals to be kept in mind, Mr. Thieden is constantly on the lookout

for signs of disease, for sweet potatoes are subject to injury from a number of diseases like stem rot, soft rot and pox. Varieties grown on this farm are the Yellow Jersey and Little Stem Jersey.

Other Irish potato growers in the Kaw Valley, dissatisfied with recent returns, are beginning to follow Mr. Thieden's lead in using sweet potatoes as a supplementary crop. The experiment station at Manhattan recognizes this trend and has met the situation by issuing a new bulletin called, "Sweet Potatoes in Kansas," prepared by Dr. O. H. Elmer, and is free to any one for the writing. It deals with all phases of sweet potato culture, including such topics as horticultural practices, selection of planting stock, hot-bed construction, planting, cultivating, harvesting, diseases and their control, insects, storage, curing and marketing.

Timely Bulletins Free

We have selected a number of suggestive Kansas Agricultural Experiment Station bulletins which are free to our readers. Please print your name on a post card, stating the numbers you wish, and address the card to Bulletin Service, Kansas Farmer, Topeka.

- No. 236—Dairy Buildings for Kansas.
- No. 275—Sheep Production in Kansas.
- No. 276—Turkey Production in Kansas.
- No. 146—Making Cottage Cheese on the Farm.
- No. 181—Home Vegetable gardening in Kansas.
- No. 183—Hotbeds for Kansas.

Buy

EVERY self-sufficient farmer would soon be under-equipped, which is over-equipments. A farmer must choose wisely. He must refrain from purchasing machinery which will over-equip him. If machinery is purchased at an annual event it is better than if it is purchased when prices are high. The good and the bad of the purchase seems wise then. The articles are badly needed. Possibly more of the equipment is then purchased. The annual fair purchases is likely.

Need Mod

The definite self-supporting farm machinery which self can be substituted. Many primary tillage implements, such as board plow, disk and harrow. The articles. But a large farm needs the field cultivator. Well-controlled with a disk harrow weeds cannot be controlled. Under with this tool pulverizes the soil. Working the disk harrow will give experience of most the field cultivator tears it up and level. Soil tillage in preparation for grass seeding is better fashion. The level as possible. Leveling it, however it. The field cultivator for finishing work is finished, or for preparing the moldboard.

"Off Year"

Two years ago the supply of fertilizer was low. Farm purchase was low. Wheat seeding is from fertilizer in unusual demand. Don't obtain their fertilizer. They have discarded their fertilizer. This could be a circumstance at fertilizer for small Eastern Kansas. Between the trade-ordinary drill and could be well specified at a time. This type of equipment would make a investment. Soil pulverizers have been successful. Everyone and are their use for spring which tends to pay well in rapid growth. The many farmers fail their limited use. The farmer should



run out of feed this give them

Kansas Farmer

Buy Your "Tool of the Year"

Put It in the Farm Budget

EVERY self-supporting farm needs some piece of equipment which would soon pay for itself. Being over-equipped is as dangerous as being under-equipped, but the general farm which is over-equipped is rare. A farmer must choose his machinery purchases wisely and in so doing he will refrain from purchases of equipment which will overload him.

If machinery buying is made an annual event it is more likely to fit the farm than if it is done spasmodically when prices and crop yields happen to be good and the pocketbook is flush. It seems wise then for us to choose each year the articles of equipment which we badly need and purchase one or possibly more of them. The matter of equipment is then made a definite part of the annual farm budget, and choice of purchases is likely to be made more wisely.

Need Modern Cultivator

The definite statement that every self-supporting farm needs some piece of machinery which will soon pay for itself can be soundly supported. For instance, many farms have the customary tillage equipment of moldboard plow, disk harrow and spike-tooth harrow. These are all accepted articles. But a large per cent of such farms need the modern and proved field cultivator. Weeds cannot be successfully controlled on plowed land with a disk harrow, for certain types of weeds cannot be cut off or turned under with this tool. Too much disking pulverizes the soil to an undesirable extent. Working the land with a single disk harrow will also ridge it slightly. Experience of most farmers has shown the field cultivator doesn't roll the soil, tears it up and lets it fall back again. Soil tillage in preparation for alfalfa or grass seeding should be done in the latter fashion. The soil should be as level as possible. Too much harrowing or leveling it, however, is likely to powder it. The field cultivator is the ideal tool for finishing off a seedbed. The disk harrow is fine for breaking down clods, or for preparing the soil before sowing the moldboard plow.

"Off Year" Investment

Two years ago this coming season the supply of fertilizer-grain drills for farm purchase was entirely exhausted at wheat seeding time. Large increases in fertilizer in 1937 had created an unusual demand. Many farmers who didn't obtain their fertilizer drill may have discarded the idea in the meantime. This could result in a similar circumstance at next seeding time. Fertilizer for small grain is accepted in Eastern Kansas. The difference between the trade-in value of a good ordinary drill and a new fertilizer drill could be well spent, and could wisely be made at a time when the rush for this type of equipment is not too great. It would make a good "off year" investment.

Soil pulverizers and packers have never been successfully criticized by anyone and are definitely successful in their use for spring small grains on soil which tends to be a trifle loose and would pay well in better stands and rapid growth. This is a tool which many farmers fail to buy because of its limited use on a small farm. Yet the farmer should be without one. The

result is that soil packers are often owned in partnership, and the farmer who doesn't have one could well afford to make arrangements to use one.

It is logical to suggest a matter-of-fact survey of the farm's equipment supply. In case no major machinery purchases had been planned this year, it might be wise to select one tool which is badly needed and make 1939 a milestone in a well planned outlay of machinery.

—KF—

800,000 Trees "Heeled-in"

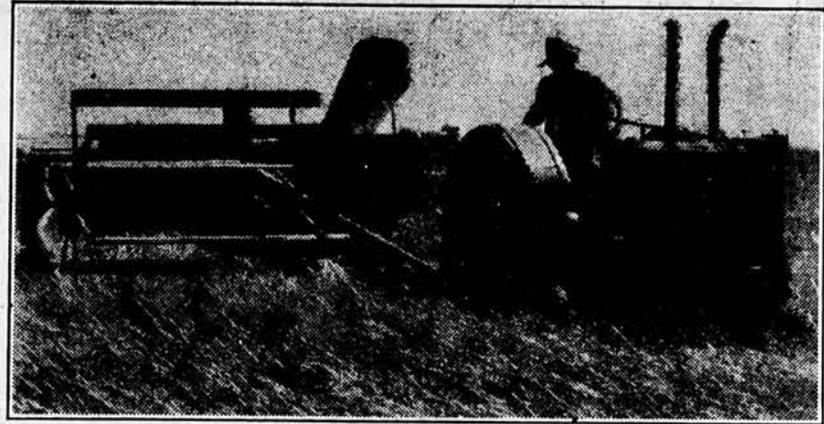
Nearly 800,000 young trees have been "heeled-in" for the winter at Great Bend. They will be used in shelterbelt planting in Barton and Rush counties. Rush will have 24 miles of plantings and Barton 60 miles.

—KF—

Shows Machinery Care

Machinery costs are 30 per cent of the farm expense said John Ferguson, Kansas extension machinery specialist, at a demonstration at Beloit recently. This cost of machinery can be lowered by proper regulation, repair and care. The average life of mowing machines in Kansas is 12 years. Ferguson told of machines that have been used 35 years and still do good jobs. In the demonstration complete directions were given on the regulation of a mowing machine. Bulletins are available at Farm Bureau offices for those who do not attend demonstrations. The subjects include mowers, binders, combines, hay stackers and plows.

—KF—



A new 6-foot combine—the Clipper—is being introduced this spring by Massey-Harris. It carries the same high type of workmanship and operation found in larger M-H combines. The machine is of latest design, with many moving parts covered from dust and straw. Also look for the Massey-Harris Twin-Power "101" tractor on Tractor Row at Wichita.

New Machines Demonstrated

Russell county farmers saw a lot of implements at their 1-day farm machinery course in Russell, February 4. Machinery displayed and demonstrated were listers, listers with basin attachments, shovel type damming machines, moldboard plows, springtooth harrows, duckfoot cultivators, subsurface packers, rod weeders, ten-inch semi-deep furrow drills, drills with press wheels, other late tillage and seeding tools, and homemade tillage tools.

—KF—

Leads in Producing Seed

Kearny county ranked first in 1936 in alfalfa seed production for Kansas. In 1937 a still larger crop was raised. While many of the alfalfa-producing

areas in the nation were suffering from drouth and grasshopper damage last year, Kearny county farmers raised 6,000 bushels or 7 per cent of all the alfalfa seed produced in the entire United States. One of the more outstanding crops was that of Charles Bentrup, Garden City, who had 300 acres. He raised 1,570 bushels of seed, 200 acres averaging 6½ bushels an acre. Growers reported yields up to 13 bushels to the acre.

—KF—

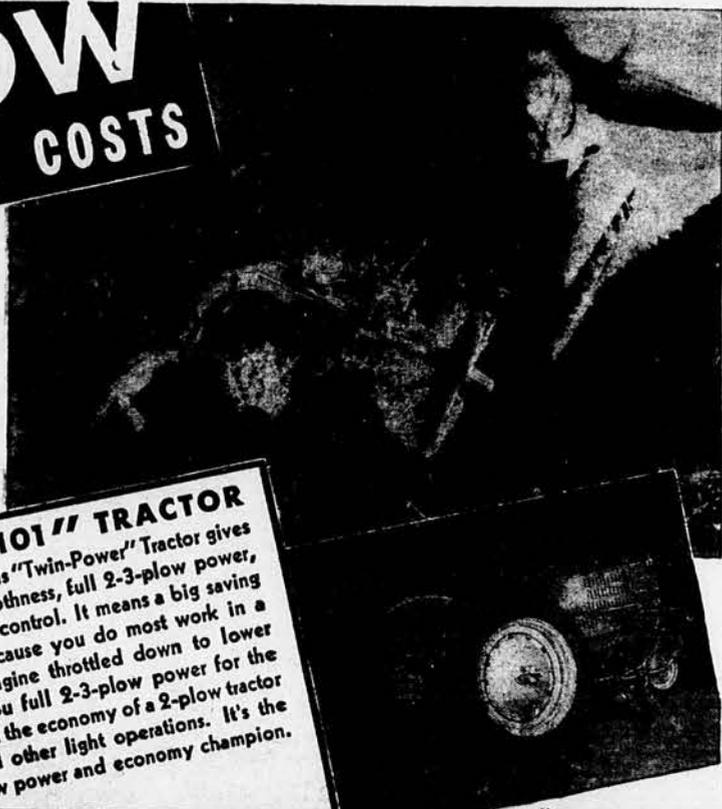
Remains on Credit Board

L. E. Call, dean of agriculture, of Kansas State College, has been re-appointed director for the Wichita district of the Farm Credit Board. The Wichita district comprises Kansas, Oklahoma, Colorado and New Mexico.

A NEW PLOW THAT CUTS FUEL COSTS

•Massey-Harris, famous as builders of "the plow a man can pull," again makes plow history with a new tractor plow, so amazingly light in draft that you save fuel at every turn. There is extra clearance for trash, and controlled landside pressure at all times. It turns a clean, well-shaped furrow behind a modern, high-speed tractor—gets your plowing done in a jiffy. The quick-acting power lift raises with only half a turn of the wheel. Made in 2 and 3-bottom sizes—14 or 16-inch moldboards. Write for free literature or visit your nearest dealer listed below.

THE NEW "101" TRACTOR
This new Massey-Harris "Twin-Power" tractor gives you six-cylinder smoothness, full 2-3-plow power, plus automatic spark control. It means a big saving of time and fuel because you do most work in a higher gear with engine throttled down to lower speeds. It gives you full 2-3-plow power for the heavy jobs, and all the economy of a 2-plow tractor for cultivating and other light operations. It's the new power and economy champion.



VISIT THE NEAREST MASSEY-HARRIS DEALER LISTED BELOW

Abbotsford	Obenmeyer Motor Co.	Fredonia (Buxton, Ks., via)	Larned	Hayden Impl. Co.	Preston	Helmke Impl. Co.
Alma	Alma Farmers Union	Geuda Springs	Lawrence	Richardson Bros.	Russell	Ed Radke & Son
Anthony	Frosser Motor Co.	Girard	Leocompton	J. O. Webber	Salina	Salina Tr. & Thresher Co.
Asherville	McIntock & Dooley	Gordon	Lyons	Riverside Super Service	Seranton	M. C. Pollard
Atchison	Niemann Hdw.	Great Bend	McPherson	Truesdell & Trowbridge	Seneca	Haug Grain Co.
Beaumont	Anderson Motor Co.	Greensburg	Macksville	Harry Carlson	Spivey	John J. Flickner
Bellefonte	Ed Kesl	Halstead	Marion	D. E. Johnson	St. George	Umscheid Bros.
Beloit	McIntock & Dooley	Harper	Medicine Lodge	Longhofer Auto & Tractor Supply	St. Marys	Schumaker Impl. Co.
Bloomington	Farmers Co-op.	Haven	Morrill	Carl J. Tedford	Stafford	Rundell Bros.
Burdett	Burdett Impl. Co.	Hays	Moundridge	E. W. Willard	Stockton	Otis Lambert
Burlington	W. E. Strawn & Son	Hepler	Osborne	The Reusser Sales & Oil Co.	Sylvia	Talt L. Krey
Burr Oak	M. M. Decker	Herington	Oshtemo	VanGieson & Artman	Tonganoxie	Dale Rawlings
Callwell	Wirtz & Lungren	Hillsboro	Ottawa	Meldrum & Cramer	Topeka	Wilson Tr. & Impl. Co.
Chay Center	Marshall Impl. & Garage Co.	Holton	Ozark	Motor Co.	Valley Falls	Samsen Impl. Co.
Colfax	Fry Supply Co.	Horton	Osawatomie	M. O. Koesling	Wakeeney	Holt & Wanner Mach. Co.
Coyville	Fitts Morris & Son	Hutchinson	Osborne	Shilps Bros.	Washington	Ampe Impl. Co.
Durham	Ed Becker	Hutchinson	Osborne	J. W. Griffiths	Waverly	O. M. Nutt
Elkhart	Lester Sparks	Independence	Osborne	L. L. Lauver	Wichita	Graber Supply Co.
Emporia	Marsh Oil & Impl. Co.	Iola	Osborne	Farmers Co-op. Assn.	Winfield	Rich Elec. & Farm Supply Co.
Esler	W. Trusler Hdw. Co.	Jamestown	Osborne	Ostenberger & Klein	Windom	R. E. Spohn
Esler		Kiowa	Osborne	John Voss	Wintfred	Branch Bros.
					Yates Center	C. E. Tannahill

9 B Plow — Twin Power "101" — Clipper Combine . . . Look Them Over at the Wichita Show

Branches at: Kansas City, Missouri, and Hutchinson, Kansas

GENERAL OFFICES:
RACINE
WISCONSIN

MASSEY-HARRIS

FACTORIES:
RACINE, WISCONSIN
BATAVIA, NEW YORK

BUILDERS OF QUALITY FARM IMPLEMENTS FOR NEARLY A CENTURY



run out of feed this morning, so I decided to give them a pep talk."

AS ALWAYS MM

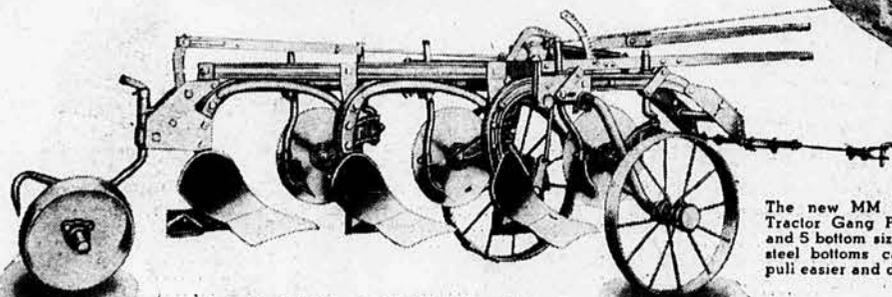
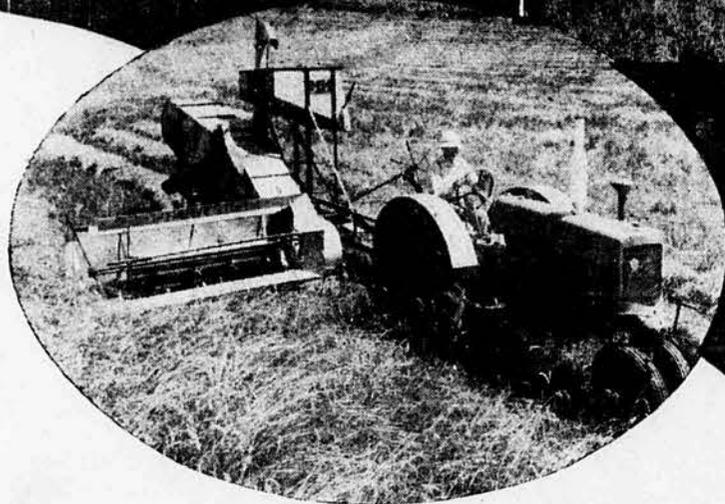
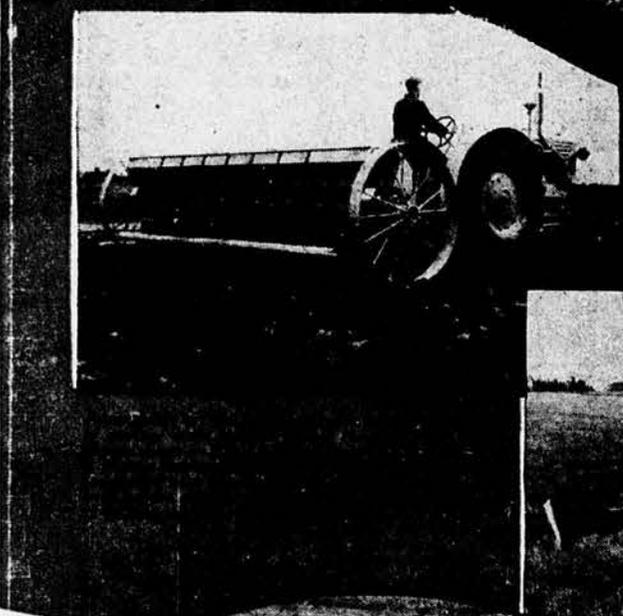
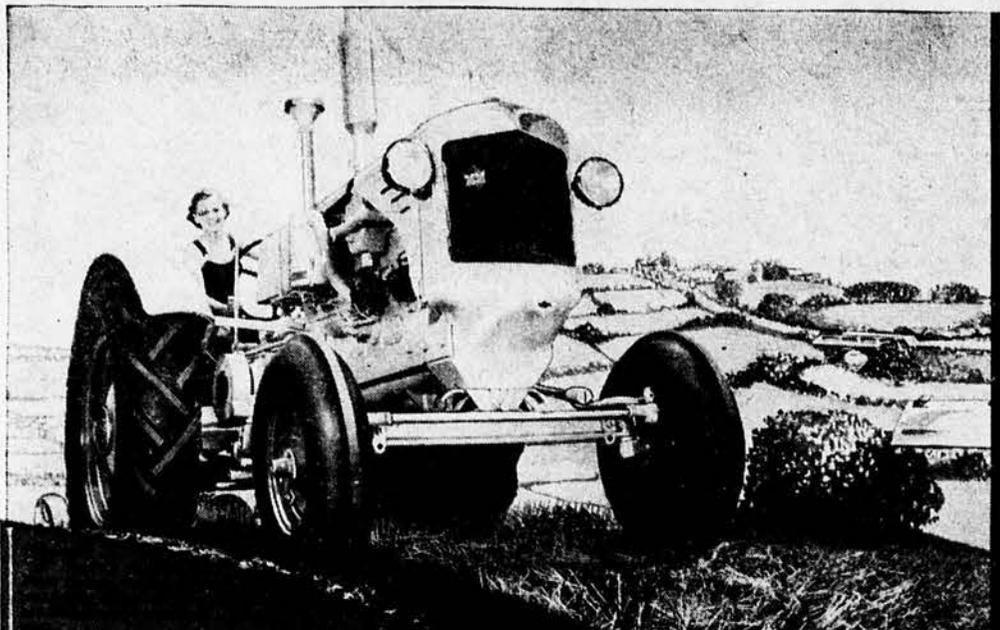
It pays to buy MODERN MM Machinery because investment gives you more for your dollar. We want you to make your own comparisons. Take the new modern GT Tractor and compare it with anything in the plow class. Do likewise with the new Visionlined Standard "U" with its 5 Forward Speeds, interchangeable wheel equipment and many other features as re-equipment that usually cost a lot as extras. The new proved Power and Fuel economy **Champion** tractors of its size and type. Certainly there is no other that compares with the Visionlined Standard "Z" with its 2-3 plow power, 5 forward speeds and many special features. Then if it's a 3-4 plow size all purpose tractor you need you'll find no better tractor BUY the QUALITY UNIVERSAL "M" with its Highest Quality line of "Quick-on-Quick-off" machines for every use. In the 2-3 Plow all purpose tractor class the VISIONLINED UNIVERSAL "Z" definitely leads the pack. Owners say it gives 1 plow tractor economy on loads with reserve power to pull 3 bottoms under conditions with the utmost in economy. On January 1939 Francis B. Russell wrote as follows:

"I wish to congratulate you people on the steps you have taken in developing and giving to us American Farmers the ultra modern, Universal Z Tractor. Again may my congratulations go out to you for the splendid service you are giving your customers."

I have worked my Z Tractor for 800 hours without as much as a miss.

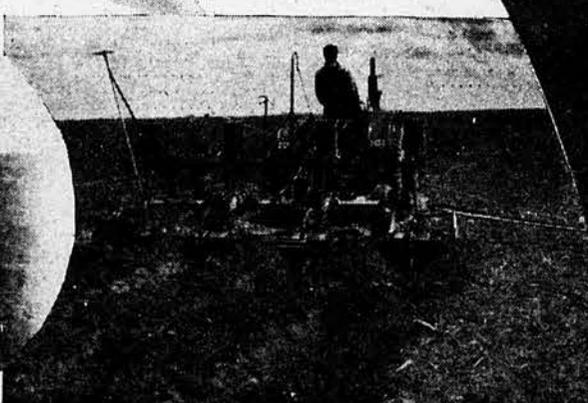
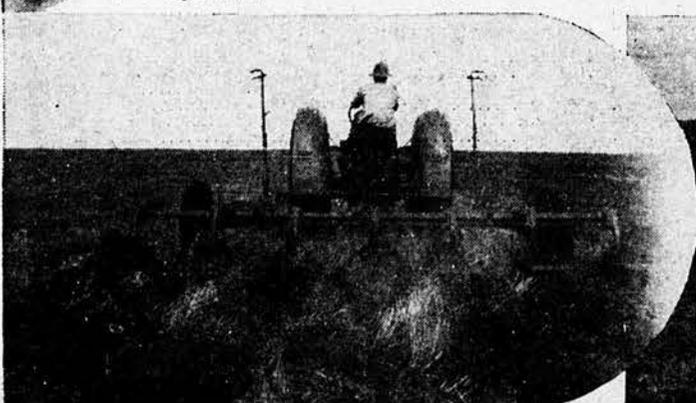
Fuel Economy is unexcelled.

Without doubt, when you say this machine



The new MM Hi-lift — HI-KL Tractor Gang Plow — available in 3 and 5 bottom sizes. Acme 1-ply soft steel bottoms can't split — scour pull easier and do a better job

Lower Left. The MM Standard "U" tractor and Uni-Tiller equipped with a Damming attachment is shown below doing a fine job of building dams for conserving moisture.



Come and see for yourself your MM Dealer

I am interested in buying machinery promptly

Name _____

P O _____

- HARVESTOR, 6, 8 and 12 ft
- WINDROWER, 8 and 12 ft
- TRACTORS:
- Universal "Z"
- Universal "M" Wide Tread
- New Standard "U"
- Standard "Z" 2-3 Plow Size
- "KTA" 3-4 Plow Size
- New "GT", 4-5 Plow Size
- Comforttractor
- Grain Drill
- Thresher

Mark X Here If You Want Yours

Dallas, Texas

Enid, Okla.

Amarillo, Tex.

Omaha, Nebr.

Wichita, Kan.

Oklahoma City, Okla.

"Don't breathe a word of this,
but I think we're going
for a truck-ride—I heard the boss
telephoning about
the market"



CALL BEFORE you sell is a good rule any time. Markets change a little from day to day—so let the telephone help you get a few cents more per pound or bushel. The best price for what you have worked hard to produce can usually be found by telephone.

BELL TELEPHONE SYSTEM



Now You Can Buy...
DEMPSTER
WATER SUPPLIES

ON NEW LONG TERM EASY PAYMENT PLAN—Buy DEMPSTER quality Water Supply equipment on a convenient payment plan arranged to meet your income. Includes drilling a well, water supply equipment and installation.

Over 60 Years of Leadership
in manufacturing highest quality Water Supply Equipment. Dempster products give you years of dependable, low cost service.

No. 12 Annu-Oiled Windmill
—Starts pumping in the slightest breeze—stands up under hardest winds! Timken bearings; machine cut gears, positive brake; ball-bearing turntable. Dependable. Powerful. Efficient. Oil it only once a year.

DEMPSTER Water Systems and pumping equipment for deep or shallow wells, electric motor or engine driven. A size for every home and farm. Famous for efficient, economical operation. Automatically controlled with electric motor or semi-automatically controlled with gasoline engine.

DEMPSTER Equipment will solve your pumping problem. Dempster water supply equipment includes windmills, water systems, centrifugal pumps, pump jacks, hand pumps, cylinders, tanks, irrigation pumps and accessories. WRITE NOW for full details of easy payment plan and free literature. (K-39)

DEMPSTER MILL MFG. CO., 719 So. 6th St., Beatrice, Nebr.

GREATER POWER LONGER LIFE

YOU DO NOT HAVE TO WAIT FOR ELECTRICITY

Say I saw your advertisement in the Kansas Farmer



Here is the feature of the Allis-Chalmers exhibit at the Wichita Show, an AC tractor pulling the new 40-inch combine. This and other Allis-Chalmers products will be shown in the Forum.

Seeks Kansas Wheat Improvement

AFTER 21 years as professor of crop improvement work at Kansas State College, Dr. John H. Parker recently resigned to become director of the Kansas Wheat Improvement Association, with headquarters at Manhattan.

Dr. Parker has purchased a 9-acre tract of land near Manhattan for the use of the Association. Three of the 9 acres are being used for wheat testing plots. These include the Riley county plot, which contains 100 samples of wheat collected from as many farmers in that county, and the master plot, in which are planted 3,100 samples of wheat collected from 100 farmers in each of 31 Kansas counties co-operating in the wheat improvement program.

On 4 acres not needed this year for wheat plots, Dr. Parker will plant certified seed of Fulton oats, a new variety bred by plant breeders and plant pathologists at Manhattan from the cross of Fulghum and Markton. Fulghum is the present parent variety of

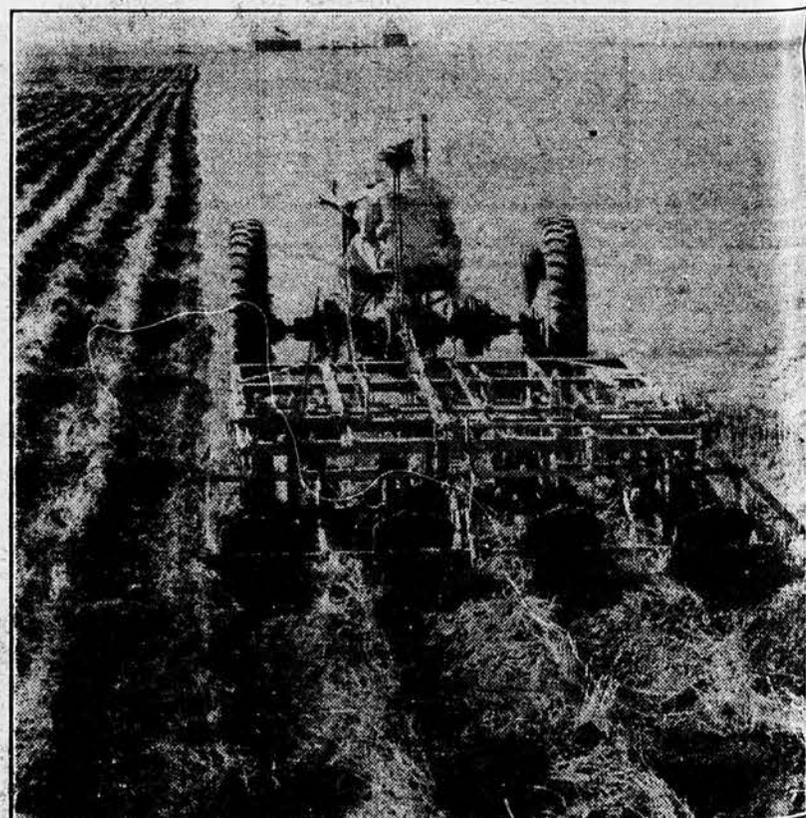
the popular and widely grown Kanota oats.

Dr. Parker has named his 9-acre farm "Quivira Acres," referring to the historical account of the trip of the Spanish explorer, Coronado, from Mexico City to Kansas in 1541 given by Paul Jones, a newspaperman from Lyons, Kan., in his book, "Quivira and Coronado."

During the years 1917-1938, Dr. Parker and his associates at Kansas State College and in the United States Department of Agriculture have developed, tested and distributed 2 valuable varieties of winter wheat, Kawvale for Eastern Kansas and Tenmarq for South Central Kansas.

Rabbits Are Scarce Now

Western Kansas, once much publicized for the abundance of rabbits and the exciting rabbit drives of the last few years, now has comparatively few rabbits, according to agricultural agents in that part of the state.



A tractor-drawn furrow seeding machine making dams in a field of wheat stubble. This is made by the Dempster Mill Manufacturing Company.

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Machinery of Tomorrow

(Continued from Page 10)

comfortable. Already we have tractors with radios, cabs, soft seats and other features of the automobile. These things are going to continue—up to the time the operator does not need to get on the tractor.

The tractor itself may soon be more than just a pulling tool. Perhaps with chemical developments gas from the exhaust might be used for fumigation, and perhaps the use of the exhaust gases and the heat generated by the exhaust may be used for a multitude of work. Our tractors may have an attachment to generate electricity. They may also have a pump to be used in irrigation, as well as an oil pump for greasing hoists and equipment of this kind.

There is one matter that we must consider in predicting farm machinery for the future. That is the size of our farms, thus influencing the size of our implements. This is one question which cannot be answered with certainty.

Pull in Opposite Directions

There are two forces pulling in opposite directions. One is the fact that farm machinery makes it possible for man to farm more acres. A recent survey showed that from 1909 to 1929, the capacity of the farm worker was increased 37 per cent. This tends to make the farmer desire more land because he can easily farm it. Machinery costs less now, and the owner often feels that if he had more land his return on machinery would be greater. This would indicate that farms will get larger and larger, the more efficient farmers, as survivors of the fittest, increasing their land holdings.

But on the other hand, there is a tendency to part-time farming with the farmer raising his food, but supplementing his income with a job in town. We also hear much of the family-size farm and the need to protect the small farmer.

It appears that we are going to have both large and small farms, and all sizes in between. And also that we will be able to buy machinery to fit these needs. We'll have big powerful equipment for large farms, and small, inexpensive equipment for our smaller farms.

One of our most recent developments in farm machinery has been the popular appeal of rubber tires. This probably will continue in tractors and farm machinery in which rolling traction is important. A new manure spreader has rubber tires—there they are an improvement.

But we go too far in mechanizing the farm? Apparently not, if we are in choosing machinery that will pay for itself. When machinery buying is based on sound farming practices it will not be overdone.

—KF—

Price Aid Maneuvers

(Continued from Page 12)

... would be the limit of Government control in agriculture under the Davis proposal.

The National Association of Manufacturers 3 years ago established a committee on Agricultural Co-operation. This committee's third annual report does not attempt to offer a solution of the farm problem, but it does offer a sympathetic understanding of it. It constitutes the farm problem, and also declares that it is essential to the welfare of the manufacturing industry that agriculture prosper.

Last week the Senate committee on Agriculture opened hearings on the "cost of production" bill introduced by Senator Frazier.

This measure proposes to raise prices by statute—Secretary of Agriculture would determine cost of production (including a profit) on all farm products moving in interstate commerce with total value of more than 10 cents. Licensed handlers would pay the fixed price for the percentage determined necessary for domestic consumption; give a receipt to the Secretary of Agriculture for balance, turn the balance over to the Secretary to do the best he could in dividing proceeds annually among the producers.

The principal argument being made for the measure is that "prices are not everything the farmer buys.

Price fixing won't work in the long run, but how else is the farmer to pay fixed prices?"

How completely prices would be fixed for farm products is indicated by the following list of 49 farm products produced in excess of 10 million dollars of value in 1937:

Commodity	Value
Milk	\$1,459,200,000
Corn	1,456,900,000
Hogs	1,173,700,000
Wheat	869,100,000
Cattle, calves	842,300,000
Cotton	784,100,000
Hay, all	725,000,000
Eggs	581,600,000
Oats	359,000,000
Chickens	343,200,000
Tobacco	318,800,000
Potatoes	207,000,000
Cottonseed	164,200,000
Apples	147,000,000
Sheep, lambs	146,500,000
Barley	122,100,000
Wool	117,200,000
Oranges	100,000,000
Sweet potatoes	65,312,000
Peaches	60,700,000
Sorghum, grain	55,700,000
Grapes	53,900,000
Sugar beets	51,700,000
Beans	47,000,000
Peanuts	41,500,000
Soybeans	37,600,000
Strawberries	36,000,000
Rice	35,400,000
Rye	34,000,000
Lettuce	33,800,000
Tomatoes	27,430,000
Lemons	22,700,000

Grapefruit	22,300,000
Cantaloupes	22,100,000
Pears	19,800,000
Onions	18,400,000
Celery	17,900,000
Prunes	16,900,000
Beans, snap	15,800,000
Cabbage	14,700,000
Cherries	14,600,000
Clover seed	13,900,000
Sugar cane syrup	13,900,000
Flax seed	13,100,000
Alfalfa seed	13,000,000
Cowpeas	11,800,000
Sweet corn	11,100,000
Sugar	11,000,000
Peas, green	10,900,000
Apricots	10,100,000

Products not under the bill on basis of 1937 total values, include, sorgo syrup, asparagus, watermelons, cranberries, cauliflower, carrots, pecans, spinach, field peas, lespedeza seed, almonds, buckwheat, velvet beans, cucumbers, Sweet clover seed, broom-corn, timothy seed, artichokes, lima beans, avocados, beets, dates.

—KF—

New Use for Atlas Sorgo

Willis J. Conable, Atlas sorgo king, of Marshall county, by way of virtue of raising the biggest acreage in the last 9 years, has a new use for his product. For a fine, healthful breakfast food, Conable says, all you have to do is mix ground Atlas sorgo with cream and sugar. Mr. Conable raised 200 tons and 2,800 bushels of seed last year. In 1937 he raised 300 tons of fodder, the driest in recent years. He lists the crop shallow, packs the ground well and never has experienced a crop failure.

Haying Rain or Shine

What is grass silage? Why is it making more money for farmers who are using it? How do you make it? This information is given in a leaflet, which is yours free for the asking. It will be mailed to you by Kansas Farmer Mail & Breeze, Topeka, Kansas, if you will send a 3-cent stamp for mailing it to you. This leaflet is an open-minded statement about grass silage, and it will mean dollars and cents to you to have this information. Grass silage is a coming factor in the feeding industry, and you can't afford not to be informed about it. Write today to Kansas Farmer, Topeka Kansas, and ask for "Green Grass Silage."

Milked in Two States

Seventy-three years ago, grandparents of Margaret Reed and Irene Harding, of Morrill, spent 3 weeks bringing cattle from their home in Illinois to Kansas. Recently J. T. Heiniger, of Sabetha, bought several head of Guernsey cattle from Miss Reed and Miss Harding, and he took them with him to his new home in the same Illinois township from whence the grandparents came. He made the trip in 18 hours, milking the cows in Kansas in the morning and in Illinois that night.



BETTER LIVING . . . FOR YOU AND YOUR FAMILY!

The things you and your family want most in life no longer need be just dreams. Make those dreams come true . . . *this year* . . . with Allis-Chalmers power! Three new Allis-Chalmers tractors are here for 1939 . . . three tractors that adapt the power system to your farm no matter what your acreage or what crops you grow. The new full 2-plow Model WC Tractor is different from any you have ever seen, a tractor of the future. It has *everything* — lights, starter, streamlining, speeds up to 10 miles an hour. Ask your Allis-Chalmers dealer how you can trade in your horses for paying livestock, how you can set up to 50 acres free to produce new cash income.



DEATH TO BINDWEED! BINDWEED CULTIVATING ATTACHMENT \$58.50 F.O.B.

Stop bindweed from spreading! Kill it! The new Allis-Chalmers BINDWEED CULTIVATING ATTACHMENT is your remedy for bindweed infestation. Operates with Model WC or Model UC listing equipment. Five keen-edged, 20-inch sweeps overlap, shear off bindweed beneath surface. Strong, rigid shanks. Regular use eradicates bindweed in as little as two years time. See the bindweed cultivator on display at the Wichita Forum, February 21-24.

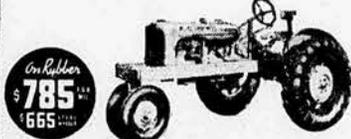
NEW MODELS ON DISPLAY!

Southwest Power & Farm Equipment Show

WICHITA FORUM February 21-24



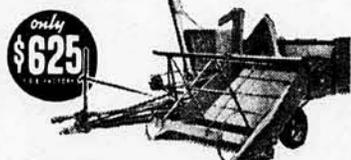
MODEL B — World's lowest priced real farm tractor. Replaces 4 to 6 horses. Gives you up to 25 more paying acres. Implements to match.



MODEL RC — New 2-row model between B and WC. Pulls two 14-inch moldboards in average soil. Operates 2-row equipment interchangeable with WC Tractor.



MODEL 40 All-Crop Harvester — New size for Models B, RC or any one-plow tractor with power takeoff. Cuts and threshes up to 1 acre an hour . . . down crops . . . all grains, beans and seeds.



MODEL 60 All-Crop Harvester — For Model WC and other full 2-plow tractors with power takeoff. The one-man harvester praised last year as one machine able to save down, weedy, tangled crops.

TO BETTER LIVING
TO BETTER FARMING
TO MORE PROFIT

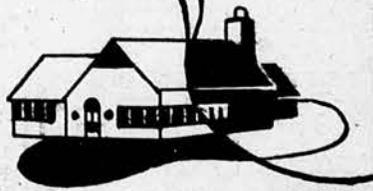
ALLIS-CHALMERS MANUFACTURING COMPANY
Dept. 19, Tractor Division, Milwaukee, Wisconsin

Send me FREE catalogs checked. 1 farm.....acres
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1-Plow B Tractor Full 2-plow WC Tractor 4-Plow A Tractor
 Implements for B Implements for RC, WC No. 40 All-Crop Harvester
 2-row RC Tractor 3-Plow UC Tractor No. 60 All-Crop Harvester
 Bindweed Cultivating Attachment

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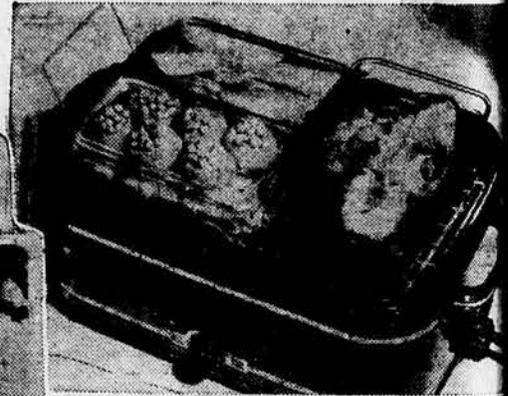
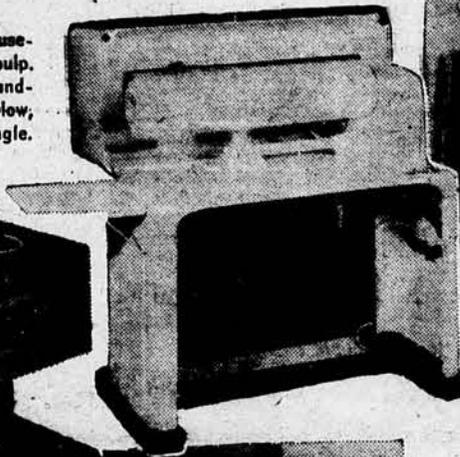
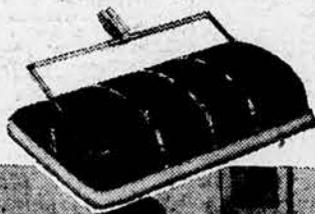
Homemaking POWER



No guess work is used in lighting the homes of Mrs. Byron Moats, standing, and Mrs. Ruth Shank, at left above, of Shawnee county. Here you see them measuring light in the room by the use of a sight meter. A pleasant and compact cooking center, at right above, has been effectively planned by Mrs. R. C. Obrecht, Fairlea Farm, Topeka.



Many articles, both large and small, lighten the daily household tasks. The juicer, above, extracts both juice and pulp. And the new jar opener and sealer, above, is one of the handiest devices for the kitchen. Four luxuries of the home, below, are the power washer, sweeper, radio and "sit-to-iron" mangle.



Dirt vanishes like magic! When the electric sweeper with all its attachments is put to work, as shown at center left, a big problem in house cleaning is solved. Imagine the joy Mrs. Don Hughes, of Rosedale, at left, will have with her ironing and churning both completed at the same time. The electric churn and iron are power devices which have saved many hours of tiresome labor for farm homemakers since the advent of rural electrification in the state.

A new way to do an old job! The roaster grill, above, run by electricity, may be set to turn on in the middle of the afternoon. Presto—your supper is ready when you return from quilting club. A place for everything! This kitchen in the home of Mrs. J. A. Ahlstrom, near Elmont, at left, contains everything dear to the homemaker's heart and necessary for preparing the meal. Mrs. Ernest N. Smith, R. 7, Topeka, has indeed made a working unit in the corner of her kitchen, picture below. The built-in refrigerator saves floor space and also puts it in a more central location. Note, too, the stove ventilator.



Make the Ri

by KITCHENEER

Do you have a moldy home? And do you wish to moldy you are overlooking one of the hard kitchen. It's grapes—they cool. Unmold the meat center with fluffy. Your mold will be needed for baking cakes, too. Pecan and coffee cake appearance when b use it for your icings and be prep



There must be a missing, fidgeting and normal child. The presence of large even the carefully s of be immune. These unwelcome press millions of child the infection may dogs, uncooked veget ated water, dirt, etc. Fortunately, large pelled pleasantly. age, the kind that c before or during treat ment flavored. Does constipation may a form infection and s the aid of a suitable laxative Pills. At all Son, Inc., Philadel

"Serving yo

JAYNE'S V CHILD COU

(due to
Don't let distress of modic croupy cough untreated! Rub Child's throat, chest. This milder form of penetrates the surface stimulates local circulation bronchial tubes with ing vapors. Mustero relief because it's M salve." Recommend and nurses. Three Children's (mild) an Approved by Goodreau. All druggists.

CHILD
MUSTE
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FREE

New 32-Page Book tells how to save up to 1/3 to 1/2 on feed cost yet raise big strong pullets.

For your free copy send THE QUAKER OATS CO.,

THE CAPPE FOR CRIPP

Founded in 192 A most worthy Work Limited discriminating No solicitors purely volunt PER FOUNDATION FO 20-A Copper Building

Make the Ring Mold Work

By KITCHENEER

Do you have a ring mold in your home? And do you use it only when you wish to mold a salad? If so, then you are overlooking the possibilities of one of the handiest gadgets in the kitchen. It's grand for baking meat loaves—they cook in much less time. Unmold the meat loaf and heap the center with fluffy mashed potatoes. Your mold will reduce the time needed for baking those luscious fruit cakes, too. Pecan or cinnamon rolls and coffee cake assume a festive appearance when baked in ring molds. Use it for your icebox cakes and puddings and be prepared to listen to ex-



When Children Fuss at Meal Time

There must be a reason. Poor appetite, fussing, fidgeting and crossness are unnatural to normal childhood. They may mean the presence of large round worms, and even the carefully safeguarded home may not be immune.

These unwelcome parasites infest and distress millions of children and many adults. The infection may be caught from flies, eggs, uncooked vegetables, fruit, contaminated water, dirt, etc.

Fortunately, large round worms can be expelled pleasantly. Just get Jayne's Vermifuge, the kind that doesn't require starving before or during treatment. It is mild and mint flavored. Does not upset digestion. Constipation may accompany large round worm infection and should be relieved with the aid of a suitable laxative such as Jayne's Laxative Pills. At all druggists. Dr. D. Jayne & Son, Inc., Philadelphia.

"Serving you since 1830"

JAYNE'S VERMIFUGE

CHILDREN'S COUGHS (due to colds)

Don't let distress of chest colds or spasmodic croupy coughs due to colds go untreated! Rub Children's Musterole on child's throat, chest and back at once. This milder form of regular Musterole penetrates the surface skin, warms and stimulates local circulation. Floods the bronchial tubes with its soothing, relieving vapors. Musterole brings such speedy relief because it's MORE than "just a salve." Recommended by many doctors and nurses. Three strengths: Regular, Children's (mild) and Extra Strong, 40%. Approved by Good Housekeeping Bureau. All druggists.



FREE FULOPEP THE EASY ECONOMICAL WAY TO RAISE CHICKS

New 32-Page Book tells how to save up to 1/3 to 1/2 on feed cost yet raise big strong pullets.

For your free copy send name and address to THE QUAKER OATS CO., DEPT. B19, CHICAGO

THE CAPPER FOUNDATION FOR CRIPPLED CHILDREN

Founded in 1920 by Arthur Capper. A most worthy and effective philanthropy. Work limited by no boundary lines and discriminating in favor of no race or creed. No collectors, no salaried; supported by purely voluntary contributions. Address: CAPPER FOUNDATION FOR CRIPPLED CHILDREN, 20-A Capper Building, Topeka, Kansas

clamations of surprise and delight when you serve your guests at a buffet party.

Cook your spaghetti, noodles or macaroni in the usual way and drain; then rinse your mold in cold water and pop in your noodles, allow them time to mold, it won't take long, then unmold on a piping hot plate and fill the center with a bright vegetable.

Put your ring mold and your imagination to work and let it add glamour to your cooking!

She Has Something There

By KANSAS DAUGHTER

When my family first came to Western Kansas, Mother felt, as many women did, that she couldn't endure the everlasting wind. "It does pump water for us," she grudgingly admitted, "but back in Vermont we pumped water by hand and got along all right."

Mother lives with my husband and me now. And this year, at an expense of about \$60, we set up a 6-volt generator and wind charger, bought a radio and put in electric lights to run from car batteries. Mother enjoys the radio so much, and now, too, she can see to sew or read after night. Now when I tease her a little about the benefit coming from the wind she cocks an eyebrow at me and says, "The only thing that makes me mad is to think how many millions of years that wind blew before man got brains enough to use it!"

It's So Easy to Make

By MRS. FIXIT

"Mother, the paste jar is empty" or "Mother, may I make some paste?" We hear it so often! Busy little fingers make so many things requiring the use of paste. It's a bother to make it each time but if too much is made it won't keep. Here's the recipe we use at our house. It really holds and keeps for months without souring or drying out. Dissolve 1 ounce of powdered alum in 1 quart of warm water. Allow to cool, then add enough flour to make the mixture the consistency of cream. Stir in 1 teaspoon of powdered resin and add 3 whole cloves. Boil until the mixture is the consistency of mush. Store in covered containers.

Introducing a "New You"

By JANE ALDEN, Stylist

THIS SEASON you should be a ladylike version of your grandmother. You should have a delicately slim waistline, full skirt, prominent shoulders. You should wear an utterly feminine little hat perched atop your up-swept hair-do. You should wear new "quilted" leather shoes. You should indulge in the loveliest range of colors we have had for many a season. Your whole costume should be feminine and romantic.

YOUR WAISTLINE must have a sparerib look thru the wide waistline

You Won't Be Sorry

For living a white life; for doing your level best; for your faith in humanity; for being kind to the poor; for looking before leaping; for hearing before judging; for being candid and frank; for thinking before speaking.—Anon.

area. "Lastex" shirring helps give that hug-me-tight appearance. Smocking, seaming, tucking or wide corselet belts also achieve a spare look thru the middle.

YOUR SKIRT must be as wide as a skater's skirt. Some of the Parisian designers are using pleats in various ways to give fullness to the skirt. Alix and Molyneux featured dresses recently with irregular pleating, such as alternating big box pleats with flat pleats . . . Paquin has designed skirts with 5 pleats in front and 3 in the back. This desired fullness may be obtained thru all kind of pleats . . . box pleats, knife pleats, kick pleats, cartridge pleats, sunburst pleats, inverted pleats, and unpressed pleats . . . gores, tucks, or fullness released from the popular shirred waistline.

YOUR SHOULDER LINE must be prominent. Miniature leg 'o mutton sleeves add breadth to shoulders. Cleverly placed darts at the top of sleeves give the desired squareness to the shoulders. Too, shoulder padding or crinoline give a broader look to the silhouette.

YOUR HAT must be utterly feminine. Such hats as the new muffin toques, straw bonnets, and crisp sailors . . . all trimmed up with yards of gauzy veiling, gay flowers and ribbon bows . . . add a feminine charm to your outfit! There are soft felts, too, in lovely romantic colors such as spun sugar pink, lilac and pale blue.

YOUR SHOES are of the new "quilted" leather. Some are designed with open toes and heels. Or, they are stretchable lastex leather that molds your foot into a dainty size to please this "new you."

YOUR ACCESSORIES fit the feminine mood: Quilted bag and fabric gloves quilted with leather to team up with the new quilted shoes. Then, there are artificial flower bouquets for your suit; gaily printed scarves; bolero sets, frilly lace collars; sashes; and interesting corselet belts that give you a slim, slim waistline.

YOUR NEW COLORS include some luscious tones in hats, dresses, coats and accessories. Some of my favorites are gold, the rich copper tones, teal blue, spring green, and the blues, a soft crushed berry shade, strawberry rose, pale beige, and a soft cloud gray.

(Copyright Edanell Features, Inc., 1939.)

Our First Master Farm Homemakers

IT IS with deep pride and much pleasure that Kansas Farmer announces here the names of the two outstanding farm women, Mrs. Lee E. Porter, of Stafford, and Mrs. Archie Hunter, of Emporia, who have been selected from representative rural homemakers the state over to be honored as our very first Master Farm Homemakers.

Before this printed announcement meets your eye, they will have been presented publicly to the large gathering of farm leaders, both men and women, assembled for the annual Farm and Home Week achievement banquet, held at Kansas State College, the evening of February 10. At that time the honorary degree of Master Farm Homemaker will be conferred upon them and they will be presented with a gift from Senator Capper and Kansas Farmer—something each may cherish all her life—a gold pin emblematic of the highest type of a satisfying farm home life of which the farm woman is obviously the center.

Mrs. Porter and Mrs. Hunter are farm homemakers of the highest caliber, keenly intelligent, personally charming, devoted wives and mothers who have performed with dignity the common tasks of farm living and thru that simple service and sacrifice of self have established and maintained successful homes. Yet each is fully aware of her greater responsibilities as a community homemaker and does her share in civic affairs. In this recognition of Mrs. Porter and Mrs. Hunter as Master Farm Homemakers, we honor not them alone, but every farm homemaker in Kansas and every farm home in the state.—Ruth Goodall.



LOOK! EYE STRAINING OLD LAMP CAN BE TRADED IN

SAVE ON ALADDIN WHITE LIGHT

Save by using old lamp like cash to get beautiful new Aladdin. Save yourself tortured nerves and headaches due to poor light. Switch now to Aladdin to read, sew, cook. Not surpassed even by electricity for whiteness and steadiness.

Burns 94% Air—6% Oil—Pays Many Ways Single gallon coal oil (kerosene) burns 50 hours. No smoke, smell, noise or pressure. SAFE. Child can operate. Your Aladdin dealer NOW will allow

\$1.00 TRADE-IN For Your Old Lamp

Any kind, any condition. See him or write for his name and free folder of new Aladdin lamps and shades. Be sure you get this dollar trade-in for your old lamp.

MANTLE LAMP COMPANY CHICAGO, ILLINOIS



This Home-Mixed Cough Remedy Is Most Effective

Easily Mixed. Needs No Cooking.

Cough medicines usually contain a large quantity of sugar syrup—a good ingredient, but one which you can easily make at home. Take 2 cups of granulated sugar and 1 cup of water, and stir a few moments until dissolved. No cooking! No trouble at all.

Then get from your druggist 2 1/2 ounces of Pinex, pour it into a pint bottle, and add your syrup. This gives you a full pint of truly wonderful medicine for coughs due to colds. It makes a real savings for you, because it gives you about four times as much for your money. It lasts a long time, never spoils, and children love it.

This is actually a surprisingly effective, quick-acting cough remedy. Instantly, you feel it taking hold. It loosens the phlegm, soothes the irritated membranes and makes breathing easy. You've never seen anything better for prompt and pleasing results.

Pinex is a compound containing Norway Pine and palatable guaiacol, in concentrated form, a most reliable soothing agent for throat and bronchial membranes. Money refunded if it doesn't please you in every way.

Ha! Ha! Laughed John No Back Misery Now Omega Oil for BACKACHE



Thousands of Johns and Sams and Pats and Bills lose a day's pay or two now and then because of torturing backache when the chances are that a good rubbing from a 35 cent bottle of good old powerful Omega Oil would likely have kept them on the job.

Thousands the country over know all this—penetrating, medicated Omega Oil is one, big American backache reliever and comforter.

It's grand also for sore muscles and to ease the pain of neuralgia, neuritis and sciatica—and only 35 cents.

Here's the Way to Curb a Rupture

Successful Home Method That Anyone Can Use On Any Reducible Rupture Large or Small

COSTS NOTHING TO FIND OUT

Thousands of ruptured men, women and children will rejoice to know that the full plan so successfully used by Capt. W. A. Collings for his double rupture from which he suffered so long will be sent free to all who write for it.

Merely send your name and address to Capt. W. A. Collings, Inc., Box 216H, Watertown, N. Y. It won't cost you a cent to find out and you may bless the day you sent for it. Hundreds have already reported satisfactory results following this free offer. Send right away—NOW—before you put down this paper.

Somebody Made a Very Wise Guess About the Use of Rubber Tires

By ROY R. MOORE

ABOUT 5 years ago—maybe a little longer—someone hazarded the guess that rubber tires might be used on tractors in the not distant future.

I don't know that it has been settled definitely whether this individual represented the implement industry or whether he worked for one of the tire companies—but it doesn't matter. He certainly had an idea spelled in capital letters.

Those of us who ever "steered" a steel-wheeled tractor over hard, rutty ground, where every jolt was felt to the finger tips, can join in a song of praise to the man who thought of tractor tires. Perhaps the tractor itself after a hard day's work, if it could have spoken, doubtless welcomed nightfall.

All of this is preliminary to stating that a lot of water has passed under the bridge in a short span of 5 years, as everyone will note when they attend the big Power Show in Wichita the week of February 19. Now one finds that not only tractors but virtually every farm implement and vehicle is riding on rubber.

Some of the implement manufacturers were a little skeptical at first as to whether the farmer would be willing to go to the extra expense of equipping his tractor with rubber tires, granting all the arguments about comfort for the operator and longer life for the tractor. In fact, they didn't do much about pushing sales altho they were willing to quote rubber tires as an "optional" proposition.

Naturally the tire manufacturers, in search for a brand new market, jumped at the idea with enthusiasm. If the implement industry looked at the advent of rubber tires with a degree of caution, it did not bother the rubber folks one bit. In short order, demonstrations were held all over the country, tractor tire salesmen went to work with a vim and soon every community had tractor owners who began to sing the praise of rubber—even if it did represent a con-

siderable jar to their bank accounts when they junked steel wheels and made the substitution.

To be sure, there were some inconveniences in converting a steel-wheel tractor over to rubber a few years back. The operator found that some weight was missing toward the rear end of his tractor which he remedied by buying wheel weights as well as filling the tires with water, a rather slow procedure anyone will testify who ever tried it.

But farmers liked rubber nevertheless and the manufacturers soon joined the tire companies in pushing the new product. Of course, you still can buy steel wheeled tractors, but the number sold is decreasing annually in proportion to the total number sold and some day they may pass out of the picture entirely.

How long will a tractor tire last?

Frankly, the manufacturers don't know. Neither do the implement companies or the farmers who use them. Heat, the destructive factor on automobile and truck tires, is pretty generally missing as far as tractors are concerned. Even if mileage were a factor, it would take years for the average tractor to run up a score comparable to one year's use of the family car.

But increased use on highways of tractors since the manufacturers have "speeded 'em up," may paint a ray of hope for the tire manufacturer who hopes for a replacement market. Taking the place of trucks in the hauling of heavy loads to market, tractors certainly have to have new tires at regular intervals. The heat and mileage factors then will definitely enter into the picture.

And to what extent will other farm implements be equipped with rubber tires in the future?

Everything depends on the rubber manufacturer. And to prove it, his representatives at the Wichita Power Show will point out almost everything on exhibition standing on air.



Eleanor Mott, Iuka



Merle Carr, Goddard

4-H Leaders Awarded Scholarships

Presented by Senator Capper

TWO outstanding 4-H Club leaders of the state, a boy and a girl, are being awarded this week the annual Capper Scholarships, presented by Senator Capper thru Kansas Farmer. The boy receiving the honor is Merle Carr, of Goddard, and the girl, Eleanor Mott, of Iuka.

Each will receive \$150 to use for further education at the colleges of their choice. Selection of the winners was in charge of M. H. Coe, state club leader.

Miss Mott has been in 4-H Club work for 12 years, has carried 36 projects and in that time missed only 4 of 144 meetings. She is the home beautification, safety and co-operative marketing county winner. She has won 21 first prizes on 20 judging teams. She placed second in clothing judging in the state contest in 1936. Miss Mott organized a club of 25 members, and has acted as clothing and baking leader for 11 girls.

Concerning Miss Mott's club activities, the club of 37 members completed 100 per cent of its work. It won the Pratt county trophy for the most outstanding club for the last 2 years, and it was awarded fifth year recognition

last year. Miss Mott's individual activities include participation in 6 model meetings, 3 one-act plays, and 7 demonstration teams. She has served 4 years as county council member, and has served on various county committees.

Merle Carr's record of achievement includes 9 years of club work, 25 projects and 4 years as a junior leader. He is a winner of a trip to the National 4-H Club Congress in Chicago. He was high individual in both the state and the national meat judging contests in 1936, and he coached winning state teams in 1937 and 1938. He also participated in many other demonstration and judging contests.

At various times in his club career, Mr. Carr has held virtually all the offices in his local club and in the county Who's Who Club. He is vice-president of the state Who's Who. For several years he has been an active member of the Sedgwick county 4-H band. He has been county junior leadership champion and dairy champion, and he has done outstanding work in sheep and poultry projects. Carr's club of 31 members has been approved for its eighth year seal.

Attempt to Even Up Apple Crops

By JAMES SENTER BRAZELTON

TO MAKE apple trees produce regular annual crops instead of alternating years of heavy and light crops, experiments involving the spraying of trees with caustic materials are being conducted at the state fruit experiment station at Mountain Grove, Mo. Director of the station, P. H. Shepard, discussed these experiments at the annual meeting of the Missouri River Apple Growers, held in St. Joseph recently. A certain type of tar oil, mixed with a 2 or 3 per cent solution of cresylic acid, is sprayed on the trees in a year of excessive production. Half the bloom buds are killed but the fruit spurs are not injured. The resulting shock to the tree is enough to stimulate the bud setting for the following year. This occurs in July.

Certain varieties like Grimes, Gano and York are more subject to the biennial bearing habit than most other varieties. By use of the caustic sprays these varieties can be made to acquire a regular, annual bearing habit. Some of the trees at the station were sprayed on one side only. On such trees the sprayed side developed the buds for next year's crop while the unsprayed side matured a heavy crop at the expense of next year's buds. Because the new system eliminates the strain resulting from overproduction, the life of the tree will be prolonged, it is thought.

The outstanding advantage of the plan is the more stable market that will result from uniform yearly production. Coddling moth will be more easily controlled and orchards will be operated more economically, it is

claimed. The materials used in the spray assist in the control of apple scab, the spores of which are active at blossom time when the caustic spray is applied. Associated with Mr. Shepard in this experimental work is M. A. Smith, of the Bureau of Plant Industry, U. S. D. A. Mr. Shepard warned that it would not be advisable for fruit growers to try to duplicate these experiments in their orchards for there is still much to learn, and it was his opinion that at least 5 more years should be spent in experimentation before they would be ready to recommend the process to commercial apple growers.

65-Year-Old Mower

A mowing machine 65 years old, a Wheeler No. 6, has been added by Roy Carlson, Minneapolis, Kan., to his list of curios and relics. It was first sold at Miltonvale and still has part of the original hickory tongue. It cuts a 4½-foot swath, the cutter bar being behind the machine.

Do you have an old mowing machine that will compete with Mr. Carlson's? Or do you have other old machinery? We will be glad to hear about them so drop a line to Kansas Farmer, Topeka.



His plow and tractor equipped with rubber, this Kansas farmer need not worry about violating any "Keep Off" highway signs.

Mother Gets a Valentine

By MRS. M. O. S.

"Mamma," questioned my little daughter, "did papa ever give you a valentine?" I nodded, busy peeling potatoes for supper. "He did? Then why doesn't he any more?"

"Oh, we're too old, I guess." The whole family came in a few minutes later and I was too busy to think about valentines. But the next week, on the fourteenth, my Tom brought home a box of chocolates for me! "Because you're pretty and sweet as a bride," he whispered when he gave them to me.

I've never liked to ask him—this was a year ago—but do you suppose he was just outside the door when I said we were too old for valentines?

That Pink Paper Heart

By CATHERINE COLE

You remember the weeks before Valentine's Day when chubby fingers busily fashioned red hearts and fancy wall paper squares for the decorated box on teacher's desk? I was eleven—busily checking over my list, writing in names with a stubby brown pencil, when my brother Sam asked, "Have you made a valentine for Bill?" I turned up my freckled, pug nose.

"Certainly not! A valentine for that roughneck!"

"I think he's going to be disappointed if none of you girls give him one," Sam insisted.

So when I found I had made an extra, I carelessly wrote Bill's name on it. It was the only valentine he received from a girl. And no wonder, the way he pulled curls and brought mice to school!

No, I didn't grow up and marry Bill. But as long as Bill was in school I never lacked anyone to carry my books, and later I could never be a wallflower when Bill was at a dance. All for one little scrap of pink wrapping paper roughly cut in the shape of a heart!

The Date Was Set

By GRANDMA JANE

Somehow tonight, tho I feel I must write, my thoughts are as leaden as the cold winter rain beating on the leafless oak and dripping on my living room windows. I am remembering, I cannot help remembering, that once I set Valentine's Day, 1895, for my wedding day to a boy named Tim MacMain. A red-haired, smiling, irresponsible boy, who was yet all man when he put his strong arms around me.

I hadn't known him for a year. And on the last day of January his black horse threw him—and he was killed.

Five years later I married my John. I have been happy; I can't deny that. You say, then, I am just a sentimental old woman? Perhaps. But sometimes—when all the talk should be of hearts and flowers and laughter and romance—I can't help remembering the red-haired boy I might have married. Valentine's Day doesn't help me to forget. . . .

Valentine for a' That

By CONTENTED

The second Tuesday of this month is a red-letter day on the calendar. The children have been fashioning tricky little love messages. I have made heart-shaped hot pan holders for my fellow club members. I do not expect Friend Husband to bring me flowers, or a heart-shaped box of chocolates. Never, during all the years I have known him has he said, "Here, Love, is a Valentine."

But last week he showed me the order he was sending for 5 new rose bushes. This morning he sprinkled fresh mulch on the perennial border. I know, along in April, he will ask me what flowerbeds I want spaded. He will see that there are no holes where adventurous chicks may crawl thru the fence into my flower garden.

These gifts are mine, and who shall say they are not Valentines?

Good, Old Rivvles

By MRS. NORMAN DAVIS

Any soup—cream, milk or meat stock—can be improved and made a gala dish, simply by the addition of rivvles. This is an old-fashioned mixture that many modern cooks have never heard about. Simply put 1½ cups of flour in a bowl, add a pinch of salt and break in an egg. Work with the finger until the whole is a crumbly mass, with pieces not larger than a bean. Add more flour if needed. Drop into the boiling soup 10 minutes before serving. No additional thickening will be needed.

Onions, potatoes, canned corn or beans, with the addition of milk, seasonings, and rivvles, make simple, delicious and easily prepared soup.

More Uses for Scales

By MRS. BENJAMIN NIELSEN

If you are using your kitchen scale merely for weighing products you sell and things you buy you are not realizing the most from your investment. If you would have perfectly even cake layers, weigh the batter just before you slip the pans in the oven; loaves of bread are sure to be uniform and perfectly baked if the dough is weighed when it is molded. If you dislike washing greasy measuring cups—and who doesn't—just slip a piece of waxed paper on the scale and measure your shortening. Just in case you don't know—a cup weighs a half pound—so go on from there.

you BUY the harness —the HORSE is FREE—



\$19.95

Zenith Farm Radio
New Table Model*

You do not have to
buy dry batteries

Genuine Zenith typical of terrific 1930 Zenith values—see for yourself at your Zenith dealer's. 81 different models for wired and unwired homes—from \$14.95 up. Zenith—America's most copied Radio is again a year ahead. Or—if you prefer, send the coupon below direct to the factory. *Prices slightly higher in the South and Far West.

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ABRAHAM LINCOLN said:

"the wind is an untamed, unharnessed force . . . one of the greatest discoveries hereafter will be . . . the harnessing of it."

Yes, the wind is free. And the wind that blows over your farm—night and day—winter and summer—is a Niagara Falls—a Boulder Dam—a T. V. A. of power for you. And again—it's free.

Half a million people living in unwired homes are harnessing the wind at a power operating cost of 50¢ a year. And their Zenith Radios are giving city set performance—without using A, B or C dry batteries—and without sending batteries out for recharging.

These Zeniths are used as much as the owners please—day in, day out—day and night. No shutting off the radio to "save batteries" when your power is coming from the wind harnessed by a Zenith Wincharger.

RUNS RADIO . . . LIGHTS HOME

Plenty of imitations followed Zenith's pioneering of and tremendous success in this field.

But—if you want to know—you don't have to take our word—get your information straight from Zenith owners.

The folks in your neighborhood who have had their Zeniths for years. Ask them—get the facts. They'll tell you gladly.

And—the genuine Zenith costs no more than imitations.

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HOURS

a year

50¢

power

operating cost.

"Runs your radio,
lights your home."

SPECIAL OFFER

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Zenith Radio

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Always a year ahead



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JUST THINK WHAT
CUDAHY'S ALL-
PURPOSE MINERALS
WOULD DO FOR ME!

What Will Minerals Do?

In a test recently completed at a leading Experiment Station two groups of cows were fed and handled as nearly alike as possible except that one group received a mineral supplement. The results in favor of the mineral fed cows were more calves, fewer cases of difficult calving, heavier gains, calves weighed more at weaning, fewer cows failed to get with calf, fewer calves were born dead, fewer calves were weak at birth and fewer calves died. These advantages are often overlooked, yet it

is often these very things that will determine whether your feeding operations will be profitable.

SATISFY THAT MINERAL HUNGER!

Make sure that your livestock is not suffering from mineral hunger. Cudahy's All-Purpose Mineral Feed is a simple mineral mixture for all kinds of livestock and poultry. It is high in quality and low in cost. Ask your local feed dealer or write for our free book.

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Please send me your FREE BOOK—
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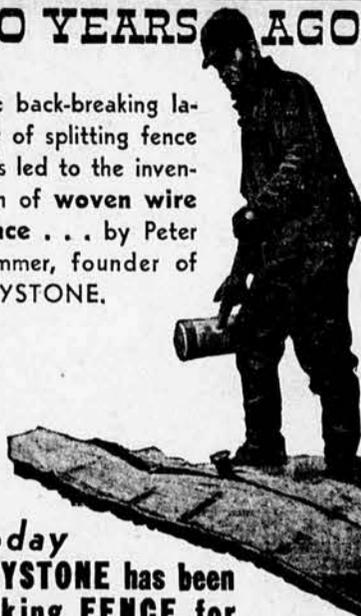


Pattern No. 748—Here's a fascinator for every woman who is a little on the plump side! It's a new slenderizer, especially designed with sunny Spring afternoons in mind . . . but it is also ideal for immediate wear under dark coats. Don't you admire Pattern 748 in a pastel print? You'll want a version in plain crepe, too. Look—the neckline, slightly gathered to fall into the softest, most flattering lines, is set off by a ribbon bow or lace edging. For additional bodice fullness, easy shirrings are centered at the front. Note, too, the pretty button trim of the yokes. And see—you've choice of short, pleated-in or flared sleeves, or long sleeves with plenty of elbow room! As for the panelled skirt, it's fitted thru the hips, but gives plenty of sitting and walking room. Sizes 34, 36, 38, 40, 42, 44, 46 and 48. Size 36 requires 3½ yards 39-inch fabric.

Pattern 15 cents. Order from Fashion Service, Kansas Farmer, Topeka.

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The back-breaking labor of splitting fence rails led to the invention of woven wire fence . . . by Peter Sommer, founder of KEYSTONE.



Today KEYSTONE has been making FENCE for HALF A CENTURY

You gain by all those years of improvement and experience when you buy Keystone RED BRAND fence. Its "Galvannealed" zinc coating and copper-bearing steel have proved they last years longer in the fence line. Play safe and buy Time-Tested RED BRAND fence.

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RED BRAND
Time Tested FENCE
RED TOP STEEL POSTS

The BEAR CAT
Combination
GRAIN and ROUGHAGE MILL
Also ENSILAGE CUTTER

Grinds any feed—green, wet or dry. This feeder really takes in loose roughage, bundles or bale staks and no monkey business about it. Large capacity guaranteed with ordinary farm tractor. Grinds grain, ear or snapped corn with roughage or separate. Has cutter head and swing hammers. Get full information on this real honest-to-goodness Grinder. Write
Western Land Roller Co., Box 135 Hastings, Neb.
Distributors for Missouri and Kansas
ANN ARBOR-KLUGHARTT SALES CO.,
Kansas City, Mo.

Tongue Lock Concrete Slave Silos

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

If you contract to buy a silo this month for future delivery, you will get a large discount. Write for further information.

McPHERSON CONCRETE PROD. CO.
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BUILD THE NEW K-M SILO

Steel reinforced staves made by the modern vibrating process which insures greater strength and much less absorption. Curved staves made to fit—no visible end joints. Why build an ordinary silo when a new K-M costs no more? Write for descriptive literature and early order discount.

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

NO Blowing in Buy Now
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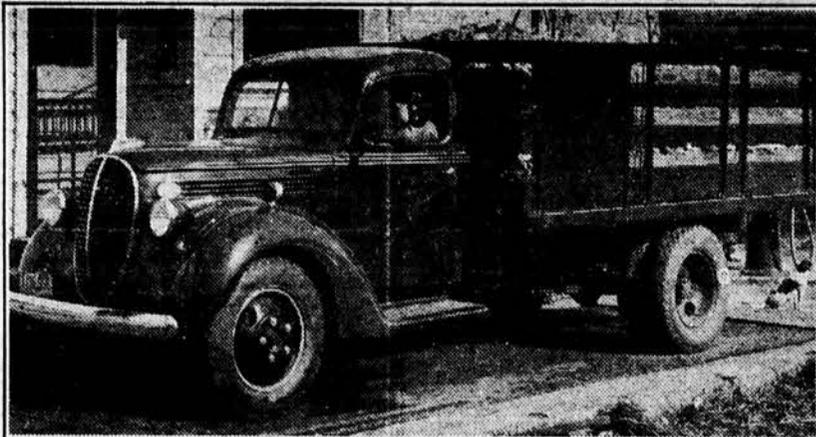
Write for prices. Special discounts now. Good territory open for live agents.

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

WINTER FARM RELIEF!

Here's farm relief no farmer can afford to be without—EN-AR-CO (Japanese style) OIL. Stimulates local circulation for the relief of pains of Neuralgia, Sprains, Sore Muscles, Fatigue and Exposure, also the discomfort of Head Colds and Bronchial Irritation. EN-AR-CO has been doing it for over 50 years. Best insurance against a crop of troubles. Get EN-AR-CO today and get your quick pain relief. All Drugists.

NATIONAL REMEDY CO. MADE IN U.S.A. NEW YORK



The modern farmer can get around over the country in his truck, hauling heavy loads to and from his farm, at the lowest cost in history. This is a 157-inch wheelbase Ford V-8, which is available with either 95 or 85 horsepower engine.

Lower Cost a Tractor Factor

By TUDOR CHARLES

THE man who looks over the tractor display carefully at the Wichita Show will see many new refinements.

An outstanding tractor will be the new inclosed cab type, recently placed on the market by one manufacturer. A tractor with spring cushions, radio, heater, and tightly inclosed cab sounds very much like a novelty. But farmers are buying them and find they can do field work when it would be almost impossible otherwise, because of cold or rainy weather. The first Kansan to place one of these in use on his farm is G. C. Leighton, Quinter.

Wheel width adjustment is a feature of nearly every tractor of general purpose type now, and this feature has been made increasingly simple to adjust. One tractor at least has the front wheels built for narrow or wide space—in other words, single or double wheels in front.

Lights and starter are becoming more common on the tractor. Lights are getting to be almost a necessity, and a starter is important when one of the smaller boys, or one of the girls, wish to take a turn. Mufflers are optional equipment on tractors now and some carry them as standard. This is a safety measure as well as one which adds more comfort. Any noise of worn or loose parts can be heard.

As a safety measure the engines and other moving parts, including the wheels, have been covered on many makes. An engine cover may keep out dust, and trash too, under trashy working conditions. Power-lift is being added to some of the heavier tractors, whereas it was formerly standard equipment on only a few smaller makes.

The small tractor, headed by a 12-horsepower machine several years ago, has been popularized by several wheel tractor manufacturers. The framework is skeltonized to provide good vision. It is a tractor for the one-man farm.

We find the track-laying tractor continually winning popularity. A friend of mine, Donald Isaacson, in Eastern Colorado, recently bought one of this type for 350 acres of creek-bottom farming land, which he has been handling with 8 to 10 head of horses. He will keep his good mares, doing farm work and raising colts, but he wants the crawler for speedy tillage jobs on some of his sandy land. Another friend, George Powell, in Republic county, used a gas-burning crawler last season, on his river farm. Last fall, being sold on this type of power, he traded for a new Diesel of small design.

Among the enticing factors in considering new tractors for this season is the fact a great many of them are advertising reduced prices. This shows a sincere desire to co-operate with farmers in lowering their cost of operation.

—KF—

Four Red Letter Days

(Continued from Page 3)

This year the demand for space in the Forum and on Tractor Row has been heavier than ever before. The big implement companies are increasing the number of units to be exhibited, while more and more parts and accessories concerns have asked for

space. Hotel rooms during the period of the show have been at a premium for more than 6 months, reserved for the many officials who plan to be on hand when the curtain is raised on what to many of them represents months of hard work. New designs, new features and in some cases, completely new units are to be unveiled in Wichita.

To the many farmers who have been waiting for this big event, this show will be the occasion for a holiday. The whole family will go to Wichita for one or two or maybe more days of inspecting the humming farm machinery and the massive road and industrial machinery. And then there are other types of farm equipment to be exhibited. Things for the home, the kitchen and the barn; wind-driven generators for farm electric systems; stock tanks and water systems as well as the model kitchen and the parts and accessories booths.

There's something of interest there for the entire family. Mothers and daughters, fathers and sons will all find exhibits that will occupy plenty of their time. The new home appliance show, described elsewhere in this issue, will prove especially absorbing.

It's a gala occasion for every power-minded individual in the Middle West, one that thousands of farmers attend every year. Despite a blizzard, the 1938 show was one of the most successful and best attended.

We'll see you at the Western Tractor and Power Farm Equipment Show in Wichita between February 21 and 24.

GREEN GRASS SILAGE

CATTLE RELISH IT. Ewes beg for it. Hogs and chickens go for it.

It's EASY TO PLAN SPRING CROPS NOW. Use Green Oats, Oats with Canadian Peas, Sudan, Legumes—Alfalfa, too. Add cheap molasses or mineral acids for preservative.

BECOME A USER. It's the way to CHEAP Feed costs. A Silo filled before June is your laugh at drouth and burnt pasture.

For free literature, address

Southwestern Silo Association
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IRRIGATION PUMPS

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

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Ann Arbor
ONE HALF TON BUSINESS

Made Right—Priced Right
For More and Better Bales

10 Models

Bear Cat Feed Mills—Fox Cutters

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PETERS' BLACKLEG AGGRESSIN
(cultural). A Gov't licensed, lasting-immunity product. 9 cts. per dose. Syringe included with 100 doses when requested. Only one Free syringe to a customer. If your local druggist is not handling PETERS' products, write directly to us.

Peters family, world's first hog serum manufacturers
PETERS' SERUM CO. LABORATORIES
Livestock Exchange Bldg. Kansas City, Mo.

LOCK-JOINT CONCRETE STAVE SILO

Thousands of satisfied owners endorse this Silo—Makes money for the user. Early order discount.

Distributors Gehl Cutters and Hammer Mills.

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Wichita, Kan.

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.

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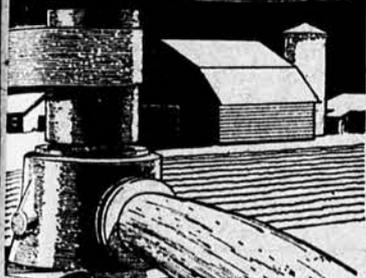
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Dependable Year After Year



Goodbye to Water Shortage

You need not depend upon seasonal rains after you install a Johnstone Pump. Then it is simply a case of pumping the water whenever your crops require irrigation... The cost is hardly important... it's so small when you consider crop increase year after year. Write for folder.

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Johnstone Pumps

See the difference



COSTS ONLY A FEW CENTS AN ACRE

INOCULATED WITH NITRAGIN

If you have been growing ALFALFA, CLOVERS, SOYBEANS or other legumes without inoculating the seed, get a can of NITRAGIN and see the difference. NITRAGIN inoculation increases yields, makes richer feed and enriches the soil.

Oldest, Most Widely Used Inoculant
Don't gamble by not inoculating or by using ordinary or uncertain inoculants. You can get the oldest and most widely used inoculant for only a few cents per acre. The genuine NITRAGIN culture has been bred up by 40 years of strain selection and testing. It is field tested in every state and for all principal legume crops. Farmers have used NITRAGIN for 40 years. It is sold by leading seed dealers.

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2708 N. Booth St., Milwaukee, Wis.
Write for "Legumes for Profit."
Tells how to increase legume yields, make better feed, build soil.

Valuable Book FREE

RIBSTONE SILO

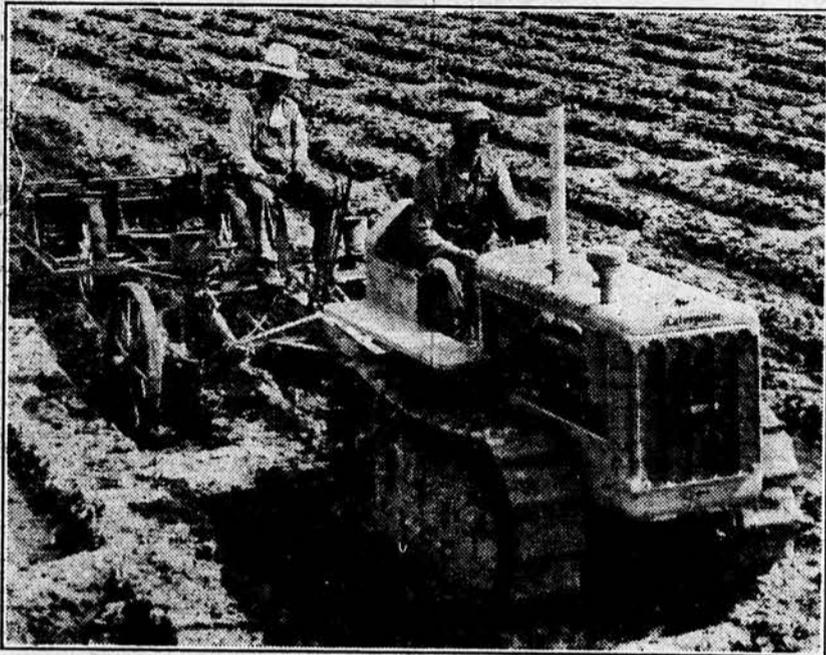
Concrete Stave SILO
Built of steel reinforced staves made by a special process producing maximum density and strength. Costs no more than ordinary silos. Build a permanent silo this year and add dollars to your farm profits. Big Discount now. Write to The Hutchinson Concrete Co. Box 504, Hutchinson, Kan.

SAVE FEED and CHORES

World's greatest self-feeder—Feeds Ear Corn, grain, ground feed or tankage—Saves 2 feeds at a time. **SUCCESSFUL MOG FEEDER**—Bigger Capacity. Pat. features. No clogging. Self-adjusting sides, etc. 4 sizes, low as \$19.75. See your dealer or write for free circular. **Meines Incubator Co., 245 E. 2d St., Des Moines, Ia.**

We Lose No Soil or Moisture

By **ALFRED A. SCHWANKE**
Maple Hill, Kansas



Edwin and Alfred Schwanke, Maple Hill, list 2 rows of hegari and dam the furrows in 1 operation. Fuel cost for a 10-hour day with their Caterpillar Diesel is less than 75 cents, and they cover 25 acres a day. Look for this tractor and other Caterpillar models on Tractor Row during the Wichita Show.

REGARDING the use of the damming machine in connection with row crops, especially hegari, we are highly pleased with the results obtained. It does conserve moisture and we believe the yields have been increased about 30 per cent over the old way of farming. We have not completed threshing, but tests show that both the sorgo and hegari will make 50 bushels an acre easily.

We did not lose any dirt or water from the fields that were dammed. The furrows were full of water 4 or 5 times last spring before planting time. Most of the water would have run off and carried a lot of soil with it had it not been for the dams. Our soil is all upland with considerable slope.

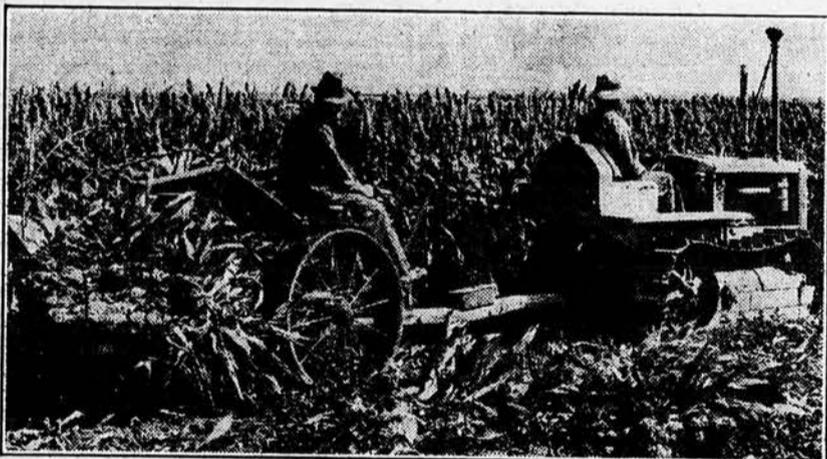
In damming a field we try to list deep and make the dams as high or higher than the ridges. This is impor-

tant in holding heavy rains and takes a machine that has plenty of weight and strength.

The dams do not greatly interfere with cultivation as they are soft and the curler wheel cuts thru them. The dams are partially active until the crop is laid by.

We had no trouble with weeds. The ridges were green with them before planting, but splitting the ridges got rid of every one, and the crops grew rapidly enough to make weed control easy.

In regard to the use of hegari, we have grown this crop for about 10 years, and think it is a good all-around feed and grain crop. The stalk is sweet and makes good silage. This year we are topping the bundles, threshing the grain which is used in feeding chickens, hogs and calves.



Schwanke Brothers, Maple Hill, harvest their hegari with their "D2" Caterpillar. It consumes less than 6 cents worth of fuel an hour, or about 50 cents a day under normal binding.

Hints for Safer Highway Walking

By **A. L. POTTER**

WITH motor cars speeding on our highways, country walkers, especially children, should use great care to keep from being run over.

Observing these safety rules will help:

Parents, teach your children safe walking habits.

It is a rule to walk on the left side of the road, facing traffic.

It is dangerous to walk in groups on the surfaced, traveled-on part of the road; all should walk at the left edge or off the road at left side.

Step well off the road when a car is coming.

At highway crossings, glance in all directions before you cross; cars may

swing around the corners, especially from behind you.

Use care in crossing highways anywhere; if cars are coming, step off the road and wait—they may be coming faster than you think.

After a car has passed, see if others are following or are coming from other directions before you cross.

At railroad tracks, be sure to stop, look and listen.

When walking after dusk, carry a light so that car drivers can see you, or at least wear some white article or red reflector button, or both.

Horse-drawn vehicles and horseback riders should also carry lights; it is the law in most states.

I FEEL UNEASY ABOUT CALVING TIME WHEN I'M LAZY INSIDE



You may reap the consequences at calving time when cows are a little off, not doing just right, Lazy Inside.

Stimulate body functions with Dr. Hess Stock Tonic. Stock Tonic (1) increases appetite, (2) aids digestion, (3) promotes better assimilation, (4) assists elimination, and (5) provides essential minerals, including iodine.

Mineral deficiency alone can be the cause of calving-time disappointments—remember it takes plenty of minerals to build a strong, healthy calf. Note that Stock Tonic contains substantial quantities of essential minerals. Keep in mind also that Stock Tonic helps fresh cows get away to a good start in lactation. Get Dr. Hess Stock Tonic from your Dr. Hess Dealer.

USE DR. HESS POWDERED LOUSE KILLER FOR LICE ON LIVESTOCK. LONG WINTER COATS HARBOR LICE. LOUSE KILLER FUMES KILL THESE ANNOYING, BLOOD-SUCKING PARASITES.

DR. HESS PRODUCTS

Never peddled—sold only through reputable dealers

GOOD FARMING PAYS

New Patent Greatly Improves Work



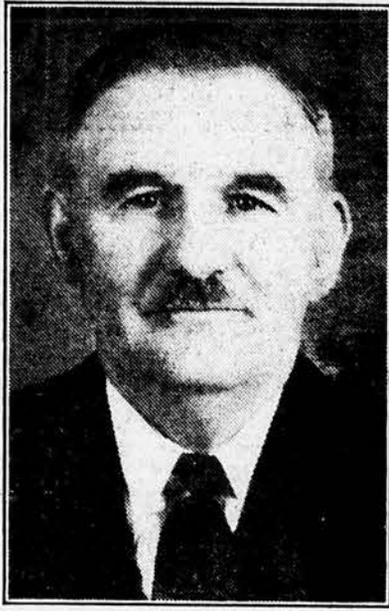
WESTERN SPROCKET PACKER & MULCHER

New patents again put WESTERN 17 years ahead. It pulverizes, mulches, mellow and firms soil deep as plowed better than ever before. Saves time, labor and horsepower preparing perfect seedbed. Leaves surface mulch without grooves, prevents washing, conserves moisture and increases all crops 20% to 30%. Saves 1/3 seed because every good seed grows. Great for rolling in alfalfa, clover or grass seed and breaking crust on wheat in Spring. Make sure you get genuine WESTERN before buying. Made for horses or tractor; 13 sizes. Write for free catalog and freight paid prices direct to you. **WESTERN LAND ROLLER CO., Box 646, Hastings, Nebraska**

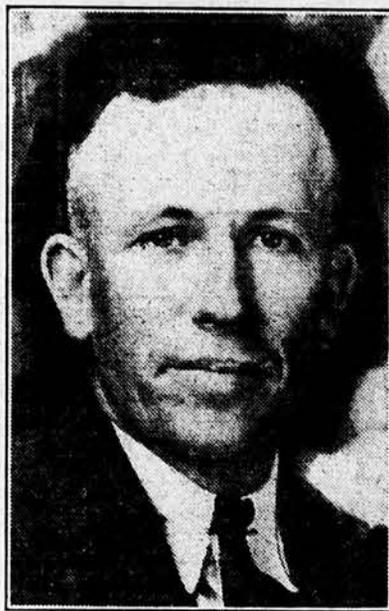
DODSON CONCRETE STAVE SILO

Buy your "Red & White Top" Dodson Silo now. Get the Early Order Discount and be prepared to fill with GREEN GRASS Silage. Cheat that old uncertain feed supply and high cost of feeding cattle. Write for free information and prices.

DODSON MFG. CO., WICHITA, KAN.



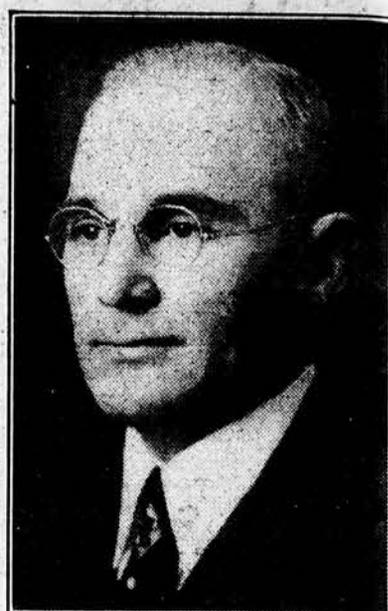
Fred Magley, Cheyenne county



Ed Visser, Riley county



O. G. Nystrom, Shawnee county



F. M. Cudney, Edwards county

Master Farmers of 1938 Honored At Farm and Home Week Banquet

BY THE EDITORS

FOR the 12th consecutive year, Kansas Farmer Mail & Breeze selects and presents to the public a carefully selected group of Master Farmers. The men in the 1938 class are F. M. Cudney, Trousdale, Edwards county; L. R. French, Pretty Prairie, Reno county; Fred Magley, Bird City, Cheyenne county; O. G. Nystrom, Topeka, Shawnee county; Ed Visser, Riley, Riley county.

These men were chosen on 4 major points—operation of the farm, public-spiritedness, devotion to home and family, and financial ability. The editors of Kansas Farmer believe they are ideal farmers, not all the same type, but each representing a great many virtues which are sound and beneficial. We salute the thousands of equally successful Kansas farmers, as we present the 5 Master Farmers of 1938, at the Farm and Home Week banquet in Manhattan this week.

F. M. Cudney, Edwards county, is a successful crop farmer. He has found summer fallow and third-row planting of corn his most valuable practices. He follows the spaced corn with Tenmarq wheat. He owns 840 acres of land and rents an additional 120. Nearly all is crop land. The principal kind of livestock is a herd of Jersey cows which produced 329 pounds of fat under test, with 6,228 pounds of milk. Mr. and Mrs. Cudney have one son who is receiving a college education. Like all this class of Master Farmers, their home is strictly modern and comfortable.

Summer Fallow Has Paid

South of Pretty Prairie, L. R. French has farmed all his life. He controls a fertile 720-acre farm, 400 acres of which he owns. Wheat is the principal crop and early soil preparation and summer fallow have been his best paying crop practices. Considerable alfalfa, barley and sorghums are raised. Livestock is very important, too, as 50 Shorthorns are kept on the farm, and considerable sheep and lambs are grazed and fed. Mrs. French has a flock of 100 nice White Rock hens. Mr. and Mrs. French have one son who farms in partnership with them.

In Cheyenne county, Fred Magley has made an outstanding success thru good crop farming. Again, summer fallow has been the most successful practice. "It has insured me a wheat crop during the last few 'so-called' drouth years," Mr. Magley said. He farms 1,030 acres of the 1,120 acres owned. Blackhull wheat takes up 440 acres, corn 125 acres, sorghums 65 acres, and summer fallow 340 acres. In addition to the crops there are 34 Herefords and a breeding herd of Hampshires. Mr. Magley has raised hogs all thru the years of low pork production. Mr. and Mrs. Magley have 2 sons and a daughter. The sons are farming with their parents in preference to other pursuits.

O. G. Nystrom has one of the most modern and well-equipped farming layouts to be found in Shawnee county. It was built entirely from farming, and the central livestock unit is a herd of good Milking Shorthorn cows. Livestock is handled on concrete lots and manure hauled every day. The land owned is 220 acres, and 80 more are rented. Mr. and Mrs. Nystrom have followed a conservative system of farming thruout, and their farm is an

outstanding example of soil conservation. One daughter is married, and her husband farms in partnership with Mr. Nystrom.

A farmer who follows every improved practice he can in connection with his individual farm is Ed Visser, Riley county. Two hundred and eighty acres of upland soil are owned and 80 rented. Turning home-grown grains into livestock has been the most profitable practice, with soil improvement by means of legumes, manure and soil conservation. Tenmarq wheat, Pride of Saline corn, and Blackhull kafir are grown. The beef cattle are purebred Shorthorns, and the hogs Duroc-Jerseys. A large flock of laying hens is kept. Mr. and Mrs. Visser have 7 sons and 1 daughter, all of whom will have every educational advantage their parents can give them.

Denver Show Honors to Kansans

By TUDOR CHARLES

PEOPLE from Kansas, particularly the Western counties, flocked to Denver last week for the National Western Stock Show. Many of the state's best fat 4-H Club calves go to the Denver show, for it is close to Western Kansas and ranks high in the season's prominence.

A Shorthorn steer, fed by Lawrence Telessen, Sherman county, stood first in his class, was the champion Shorthorn club steer, and placed third in the standing for grand champion steer of the entire show. This blocky little calf was bred in the Kuhrt breeding herd, near Goodland. Another good Shorthorn calf from Kansas was a light-weight fed by Elmer Burk, Rawlins. He won his class.

Lincoln, Scott and Russell counties were also represented by 4-H fat steers. An Angus fed by Marshall Kirk, Scott City, placed second in both the 4-H and open steer classes. In general the number of calves held over by Kansas 4-H members for the Western winter show was lighter, because of the de-

clining market encountered in fall and winter last year.

"Flash," the grand champion steer of the show, an Angus, was fed by Willard Frye, a 17-year-old Peoria, Ill., boy. The calf was outstanding, and brought another laurel to 4-H membership. It sold for 68 cents a pound. In the reserve position was an exceedingly smooth Hereford, fed by Clifford Jordan, Art, Tex., who had grand champion steer at the American Royal in 1937.

A Kansas-bred bull, H. T. Tone, shown by Turner Ranch, Sulphur, Okla., was grand champion of one of the largest Hereford shows ever to appear in this country. More than 600 were on exhibit. In the Hereford sale, 50 bulls averaged \$807, one of the highest figures in recent years. The feeder calf championship went to Andrew Anderson, of Encampment, Wyo., again. Top feeder yearlings were Shorthorns raised by Josef Winkler, Castle Rock, Colo.

Feeders from Kansas, as well as



L. R. French, Reno county

other Corn Belt states were much in evidence in the Denver stock yards, looking for bargains that weren't to be found. This is the world's greatest trading center for both breeding and feeder cattle during the mid-winter season and fine cattle are always offered. This year the demand for cattle far exceeded the supply and cattle went high.

Among the Kansas breeders, James Hollinger, Chapman, showed his Angus to a number of laurels in competition with Tolan of Illinois, Brown of Iowa, Battles of Washington, and Briarcliff of New York. William Ljungdahl, of Thomas county, had several bulls and a heifer which gave a good account of themselves and entered the breeding sale.

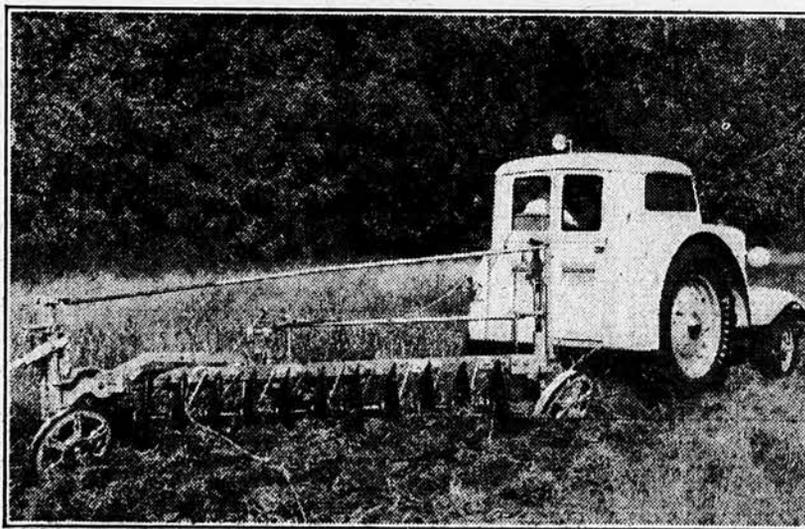
L. L. and Taylor Jones, Garden City, were at the show and selected a Hereford bull for their breeding herd. John Lewis, Polled Hereford breeder of Larned, was looking over the bull classes, as was J. J. Moxley, secretary of the Kansas Hereford Association. Kirk Brothers, Scott City, attended the show according to their usual custom, and John Luft, Bison, a rising Hereford breeder was at the ringside. As the date of the auction sales approached dozens of farmers, breeders and feeders from Western Kansas appeared on the scene. R. L. Bach, Larned, bought the top Shorthorn bull at \$350.

—KF—

No More Straight Rows

"I think enough of contour farming, that I would never go back to straight rows," was the answer Emil Meier, of Washington county, gave to the question, "How do you like contouring after your 1937 experience, and after the heavy rains last spring?"

Thirty acres of contour corn made between 400 and 500 bushels in 1937, according to Mr. Meier, because the contour rows held the water on the field. Last spring the rows could not hold all of the rain, but they did keep the crop from washing out. No replanting was necessary.



The new Minneapolis-Moline Comfortactor that will be a feature of that company's exhibit at the Wichita Show. Here it is shown pulling a wheatland disk plow.

Neighbor Boy Captures Thieves Who Return for Loot

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

THE capture by Norman E. Schulz, Edgerton, of 2 young men, who had stolen chickens from Service Member O. L. Hammer, R. 1, Gardner, is an example of the Protective Service in action. This agency has had its aim from the beginning, "an awakened citizenry" which will be ready to handle any emergency arising from theft of farm property. As soon as Mr. Hammer discovered thieves had visited his premises he reported to the sheriff and started an investigation. Mr. Schulz, a neighbor, found 13 of the chickens in a vacant house 1 1/4 miles from Hammer's and watched until the thieves returned for the loot. He held them until officers arrived. The 2 thieves, William Elbert White and Leonard Paxton, were convicted and given indefinite reformatory sentences. Kansas Farmer showed its approval of the action by distributing a \$25 reward among Hammer, Schulz and the Sheriff's office, represented by Deputies Brunk and Harris.

Roof for Home Stolen

Taking the roof off one's home is an extreme case of theft, but the three men who stole a quantity of roofing from Marlin V. Rumbaugh, R. 1, Oskaloosa, came near doing that very thing. It was enough to make Rumbaugh, or any other farmer, want to have the prowlers captured. The owner reported immediately to the sheriff's office and a

search of junkyards was rewarded by recovering the stolen goods. James Wilbur, Verle Wells and Kenneth Guley were given 60-day jail sentences as their punishment. Kansas Farmer divided a \$25 reward equally between Service Member Rumbaugh and Sheriff Roy Housh, who made the recovery and arrest of the thieves.

Hired Man Rustles Hogs

Following the theft of 11 hogs, valued at \$166, from the J. E. Stevenson farm, R. 4, Ft. Scott, the owner questioned the hired man, Walter Bilyeu. The suspect not only made a confession of his guilt but implicated John Marchant, Junior Riley, Allen Martin and Dave Martin. Marchant was given a 1 to 5-year penitentiary sentence. Bilyeu was sent to the reformatory. Part of the hogs were recovered from a packing house where they had been taken by the thieves. The \$25 reward, paid by Kansas Farmer, was divided between Service Member Steveson and Sheriff George Hare, of Ft. Scott, who made the arrest.

A large portion of the \$28,550 paid in rewards by Kansas Farmer for the conviction of 1,177 thieves has gone to the owners of the stolen property and their neighbors who have effectively co-operated in the war on crime. The arresting officers, too, usually get part of the rewards.

Modern Tillage Still Simple

Proper Adjustment Saves Trouble

SOIL and moisture conditions of the last few years, as well as tractor developments, have resulted in many changes in tillage implements. First consider the moldboard plow, the basic piece of machinery for soil work. Rubber tires have added speed to tractors, but this upset the operation of the customary type of moldboard. Speed threw the dirt too far, pulverized it too much and didn't do the job of plowing most farmers prefer. A simple change to allow more speed in plowing was to give the moldboards more curve and make them slightly longer. This turns the dirt more completely over before it leaves the plow. It strikes the ground sooner, landing in the next furrow as it should.

Considerable attention needs to be directed toward proper adjustment of the plow. The hitch is often a faulty spot and if not properly adjusted can cause the plow to do a poor job. A friend of ours recently discovered he had plowed several seasons with the triangular hitch adjusted improperly. When the soil was mellow he got along all right, but when it was dry or tight the plow pulled out of the ground. He finally experimented in the proper place and found he could plow thru any kind of soil within reason.

Reduces Wind Erosion

In Western Kansas, a follow-up of the basin lister idea was a sort of basin-making disk roller. These are of different types and many were originally homemade. A series of half disks are welded alternately around an iron shaft, and the device pulled behind a one-way disk with the shaft for an axis. The disks, which act like flying paddles, scoop out depressions in the loose earth. These reduce wind erosion and catch snow and rain. One advantage of this combination of implements is that it does not necessarily need to be used on the contour. This is often worth a lot in fields with an uneven surface. The pockets in a field made with this tool do not follow a furrow, and there is no damming up of water where it can form a serious menace when it breaks over. Of course, there are still the well-known criticisms of the disk as far as its action on the soil is concerned. In Western Kansas the soil is often too loose and dishing increases this condition.

The field cultivator with interchangeable duckfoot and springtooth shovels continues to make friends. It seems no farmer in Western Kansas can go wrong on this implement. It will be found handy on almost any farm.

Louis Boyd, Pawnee county, uses his duckfoot to level listed ridges. Again he finds it the best type of machine for roughing land which might blow and needs to be covered rapidly. The duckfoot shovels have a minimum of pulverizing action on the soil's surface. Used on the contour a field cultivator with duckfeet will make ridges that will hold an ordinary rain of an inch or less. The water is spread over much of the surface, since the furrows are small and close together.

If the Western Kansas farmer were to choose only 2 implements with which he had to prepare his land for seeding wheat, barley and sorghums, he would in most cases make his wisest choice by selecting the lister and field cultivator.

A Message of Love

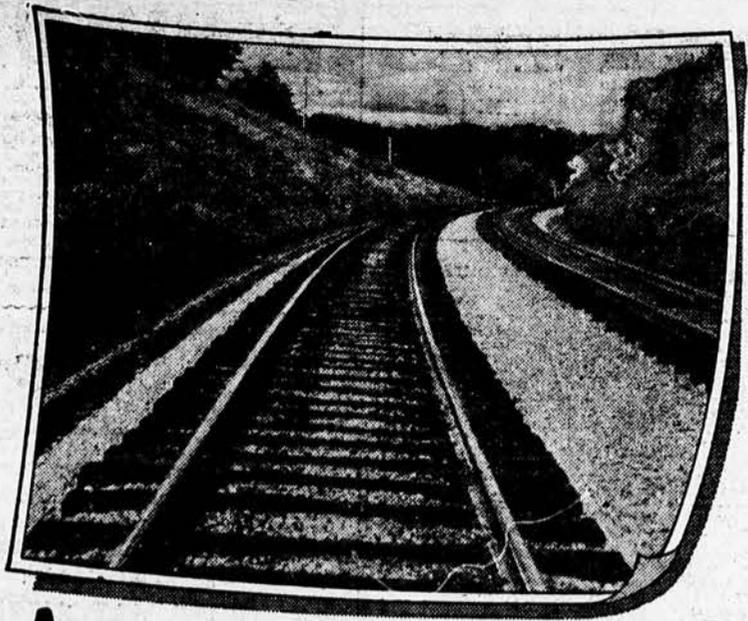
(Continued from Page 6)

sent it! She had prayed for a sign! "Just to Let You Know How Much I Love You." If he loved her, that would mean he understood! If he loved her, he must know how sorry she was and how much she craved his forgiveness! If he loved her, that must mean that she were forgiven!

No human being had brought the message—she was quite sure of that now. She had seen no one when she had stepped to the door, and she had heard no step on the walk. As soon as she had read it, the paper had been whisked from her sight. It must have come from Philip!

White and shaken, with knees that trembled so that she could hardly walk, Mrs. Comfy made her way back to the rocking chair. She hugged the white envelope to her breast, and as she rocked back and forth, the tears streamed down her cheeks—tears which would not come before, even at the funeral—tears which washed away all the bitterness and loneliness of the years, and left instead peace and a comforting quietness of heart.

She had been given a sign. Philip had sent a message of love! She was forgiven!



A Ton of Freight moved 100 miles to buy each tie in this picture

FARMERS work as hard for their money as anybody in America.

But railroads work hard for their money too.

For instance, to take in enough to pay for one cross-tie ready to put in the track—a ton of freight must be hauled, on the average, more than 100 miles.

That doesn't mean that the profit on hauling a ton of freight 100 miles is enough to pay for a tie, because we're not talking of profits—we're talking of the total amount the railroads receive.

On this same basis, a ton must be hauled three miles to buy a postage stamp—or five miles to buy a nickel lead pencil.

A railroad spike takes the income from hauling a ton of freight a mile—and to buy a 100-pound steel rail 39 feet long takes the total income from hauling a ton of freight 2,500 miles—farther than the distance from Chicago to San Francisco.

When you realize that American rail-

roads haul an average ton of freight one mile for about one cent, the marvel is that they are able to provide such safe, dependable, fast transportation—the finest service in the world. No other transportation agency gives so much for so little.

And in order for the railroads to keep on providing the dependable and economical transportation service which American farmers and industry must have, they need common-sense treatment such as this:

Treat the railroads as a business. Give them reasonable freedom to "price" their only product—transportation service. Give them greater freedom to adjust rates to meet competitive situations, to adjust services to the demands of traffic; and to adjust expenses to the condition of their business. And give them equality of treatment and opportunity—equality with other forms of transportation in matters of regulation, taxation, subsidy and the like.

This common-sense treatment which railroads need is outlined in horse-sense terms in a brief pamphlet. Write today for your copy.

SAFETY FIRST—
friendliness too!

ASSOCIATION OF

AMERICAN RAILROADS

WASHINGTON, D. C.

\$50 for a Rhyming Line



A wonderful skater was Rose,
She could skate on the ends of her toes;
But she tried to show Clancy
Some steps that were fancy—

If you enjoy the grand old game of limericks, here's your chance to tell us in rhyme just what happened to Rose—and win a cash prize for yourself. Take a look at the picture, then add a last line to the limerick. We will give \$150.00 in 24 cash prizes for the best lines sent. First prize, \$50.00; second prize, \$25.00; third, \$15.00; fourth, \$10.00; twenty prizes, \$2.50 each. Be sure that your last line ends with a word rhyming with Rose and toes. Some of the words that you may use are: goes, blows, froze, hose, foes, mows, and knows.

26-Piece Silver Set For Promptness

Send your line for the limerick today for we are going to give just for promptness a 26-piece silver set to the first prize winner. Duplicate prizes will be awarded in case of ties. All lines must be mailed before April 30, 1939. Send your last line today to:

Skater Limerick, 400 Copper Bldg., Topeka, Kansas

Words	One time	Four times	Words	One time	Four times
10	\$.80	\$2.40	18	\$1.40	\$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

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REMITTANCE MUST ACCOMPANY YOUR ORDER

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Let Coombs ROP Leghorns help you increase your poultry profits. Chicks outstanding breeding value—from proven dams. Exceptional livability. High production chicks from 250-318 egg sires. Sexed chicks. Free bulletin, "How to Raise Better Chicks." New catalog, just published. Write today. Coombs & Son, Box 6, Sedgewick, Kan.

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Chicks and Poults. All popular breeds of both. Chicks pure bred, hybrids. Exceptional quality. Bloodtested. Sexed or as hatched. Place orders now for early delivery. \$3.90 per 100 up. Steinhoff Hatchery, Osage City, Kansas.

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Blood-Tested Chicks—Rocks, Reds, Wyandottes, Orpingtons, Leghorns, Austra Whites, alive arrival guaranteed. Owens Hatchery, 818 North Ash, Wichita, Kan., where your \$35 crow and cackle.

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More U. S. Certified flocks than any other Kansas Hatchery. Buy our chicks for next years cockerels. U. S. Pullorum tested. Salt City Hatchery, So. Hutchinson, Kansas.

Save and Make Money on Buhler chicks. Early discounts. U. S. and Kansas approved. Austra-Whites, Leg-Rocks, White-Rocks, Reds, The Buhler Hatchery, Buhler, Kan.

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Black Australorps—grow fast, are thrifty and make wonderful egg producers, get the best. Baby chicks every Thursday, \$10 per 100 prepaid. Order now. Chick Smith, McPherson, Kan.

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20 breeds U. S. finest, R.O.P. sired, certified, bloodtested, approved, prepaid. 5% off cash with order.

100	200 up	Pullets	Males
Stand. light	\$6.75	\$11.50
Stand. Hvy.	7.25	11.50
AAA grade	7.90	12.50
Ped. sired	10.00	15.00
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PAY LESS FOR CHICKS \$5.40 per 100 up

Straight run purebreds and hybrids. Also day old pullets, males. Rare and popular breeds. Blood tested. Colored catalog free.

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ANDALUSIANS

Blue Andalusian Chicks. Bloodtested. Good layers of white eggs. Eck Hatchery, Moundridge, Kan.

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10 Reasons Why Greater Profits are made with Austra-Whites. From our 30,000 controlled breeders. Continual gain in sales from every community where introduced. More vitality, healthier, fastest growing, plumpest broilers. Lead all breeds in egg production. Livability insured. Write. Sunflower Hatchery, Newton, Kan.

DeForest Kansas Approved Austra-Whites. Best for Middle West. All leading Breeds and Crossbreeds. Guaranteed Livability. DeForest Hatcheries, Peabody, Kan.

U. S. Approved, U. S. Pullorum Tested Chicks. Catalog Free. Master Breeders', Cherryvale, Kan.

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Superfine Chicks. White Giants, Black Giants, New Hampshire, Buff Minorcas. The Thomas Farms, Pleasanton, Kan.

Jersey White Giant baby chicks. Priced reasonable. Gamble's Hatchery, Altoona, Kan.

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Lifetime Experience Breeding. English White Leghorns mated with Record of Performance males. Guaranteed 90% pullets. Immunity selected making higher of spring livability and heavier egg producers. Write for catalog. Ernest Berry, Box 613, Newton, Kan.

Big Barron English White Leghorns, AAA, \$6.90; pullets, \$13.95; cockerels, \$3.00. Postpaid. Started pullets. Pedigree sired. Money back guarantee. Heiman's Hatchery, Montrose, Mo.

U. S. and State Certified Single Comb Hollywood Leghorn eggs and chicks. Pullorum tested. Write or full breeding details. Colwell Leghorn Farm, Emporia, Kan.

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AAA Quality Bloodtested, Buff, Black, White Minorca Chicks, \$8.00; 300-\$23.00. Prepaid. Freeman Hatchery, Box 104, Ft. Scott, Kan.

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Don't Order Any Chicks without our slashed prices. Thomas Farms, Pleasanton, Kan.

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DeForest United States Approved New Hampshire Reds, Buff Orpingtons, White Rocks, White Leghorns, White Wyandottes. Guaranteed Livability. DeForest Hatcheries, Peabody, Kansas.

Lively New Hampshire—Guaranteed Livability. Approved—Bloodtested. Discount. Foster Hatchery, Newton, Kansas.

Stewart's U. S. Approved Chicks. All popular Breeds and Hybrids. Our New Hampshire "The Best in the West." Stewart Hatchery, Hutchinson, Kansas.

WHITE ROCKS

Immunity Selected White Rock breeders making higher offspring livability and heavier egg producers. Write for catalog. Ernest Berry, Box 812, Newton, Kan.

RHODE ISLAND REDS

U. S. Certified, U. S. Pullorum Tested, 225-320 Egg Record. Catalog Free. Hackley's Certified Hatchery, Cherryvale, Kan.

Good S. C. Red Chicks from winter layers. Bloodtested. Write, Eck Hatchery, Moundridge, Kan.

RHODE ISLAND WHITES

Exhibition Pure Strains Rhode Island Whites. Wonderful layers. Association tested. Livability insured. Write for catalog. Ernest Berry, Box 814, Newton, Kan.

WHITE-ORCA CROSS-BREED

Whiteorcas, White egg. Pape's Black Minorca crossed with high production Leghorns. Livability insured. Write for descriptive catalog. Sunflower Hatchery, Box 87, Newton, Kan.

HYBRIDS

Largest Producer Kansas Approved Hybrid chicks. Better layers—more meat—greater vigor—less mortality. Cockerels—fast growing, finest broilers. Also "Blue Blood" quality U. S. Approved pure bred chicks. All chicks from U. S. Pullorum tested flocks. Sexed or straight run. Descriptive literature free. Ross Poultry Farm, Box 35, Junction City, Kan.

Austra-White hybrids for greater profits. More demand. Fast growing. More vigorous. Also other hybrids. Leg-Rocks and Red-Rocks. Eck Hatchery, Moundridge, Kan.

TURKEYS

Mammoth Bronze Bloodtested Toms, \$7.50 up. Elsie Wolfe, LaCygne, Kan.

Pure Mammoth Bronze Toms, \$7.00 each. Mabel Dunham, Broughton, Kan.

For Sale: Pure bronze toms, \$7.00. Harry Stauffer, Frankfort, Kan.

PIGEONS

Old Live Common Pigeons. Coops loaned. We pay express. Hendricks, Rutledge, ...

PHEASANTS

Pheasants—profit or pleasure. Send 5c stamp for pamphlet. Rainbow Farm Pheasants, ...

POULTRY PRODUCTS WANTED

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

PLANTS—NURSERY STOCK

Mammoth Rhubarb, red whole root. \$1.00. Asparagus, Washington Rust Proof. 1.00. ...

Chinese Elm Bargains 100—1 to 1 1/2 foot for \$1.25 postpaid. ...

New Catskill Strawberry plants or 8 Chinese plants 2 ft. or 30 green Barberry plants 10 in. ...

Vegetable Plants: Grow vegetables two weeks earlier with Carlisle hardy field grown plants. ...

Strawberry: Mammoth, sweet, outyielded Boy-nberry. Thornless strains Loganberry, ...

Dunlap \$1.00; 200 Giant Mastodon \$1.80. 10 varieties strawberries; also blackberries, blueberries, ...

Yellow Free Blakemore or Dunlap plants delivered. \$1.00. ...

Atlas Sorzo Certified Seed. 100 lbs. or carload. H. W. Cardwell Company, P. O. Box 2001, Wichita, Kan.

Save Money. Buy hardest Alfalfa and wheatgrass seed direct from Sam Bober, Newell, So. Dakota.

Flynn Barley, certified. 80c per bushel. Germination 93%, purity 98.95%. John Vernon, Simpson, Kan.

Registered Columbia Oats, sweet and red clover. Parmenter's, Lockwood, Mo.

Certified Club Kafir \$5.00 per cwt. Geo. Fuhrman, Atchison, Kan. Rt. 1.

Korean Lespedeza Seed, 55 hundred pounds. Sun Farms, Parsons, Kan.

Certified Colby Milo, 5 cents per lb. J. L. Vandeventer, Mankato, Kan.

SEEDS

Planters' Seeds

Dependable, lowest prices in many years. Timothy \$1.75; Sweet Clover \$3.30; American Red Clover \$9.50; Alfalfa \$8.70; Timothy and Clover mixed \$3.35; Alsike \$8.70; ...

PLANTERS SEED COMPANY 513 Walnut Street, Kansas City, Mo.

Hardy Kansas Grown ALFALFA SEED

Alfalfa Seed \$9.60. White Sweet Clover \$4.20. 60-Lb. Bushel. Track Salina. Bags Free. Write for samples.

Kansas Certified Seed. Field inspected and laboratory tested. Forage Sorghum, Atlas, Kansas Orange, Early Sunac, Leoti Red Grain Sorghums: Colby, Finney and Wheatland Milo, Blackhull, Western Blackhull, Pink Club and Greeley Kafir, Sudan grass: Linota Flax, Corn: Reid and Midland Yellow Dent, Hays Golden and Pride of Saline. Popcorn: South American and Supergold. Soybeans: A. K. and Hongkong. Oats: Kanota, Barley: Flynn. Alfalfa: Kansas Common, Grimm, Ladak, Sweet Clover, Red Clover, Lespedeza. Write for list of growers. Kansas Crop Improvement Association, Manhattan, Kan.

R-4 Clover \$9.50; Alsike \$8.75; Sweet Clover \$3.30; Alsike Clover \$8.75; Timothy \$1.75; MIX Alsike or Red Clover and Timothy \$3.50. All per bushel. Complete price list, samples and catalog on request. Standard Seed Company, 19 East Fifth St., Kansas City, Mo.

Seeds: Here You Are: Created wheat grass 30c; blue stem grass 20c; black eye beans 20c. All per pound postpaid for 5 pounds or more. Castor beans 60c per single pound postpaid. Geo. Bowman, Concordia, Kan.

Certified Seed: Atlas Sorgo, germination 86%, 4c lb.; Blackhull Kafir, germination 87%, 3c lb. Non-certified Pride of Saline corn, germination 99%, \$1.25 bushel. Bruce S. Wilson, Manhattan, Kan.

Hardy Recleaned Alfalfa seed \$9.90; Grimm Alfalfa \$10.90; White Sweet Clover \$3.90; Red Clover \$7.50. All 60 lb. bushel, track Concordia. Return seed if not satisfied. Geo. Bowman, Concordia, Kan.

Pure Certified Early Sunac cane, Pink Kafir Flynn Barley and Wheatland Milo seed of high germination and purity. Fort Hays Experiment Station, Hays, Kan.

Outstanding New Seeds: Hanson's White Proso \$2.25; Colorado sweet stalk kafir \$2.50; Russian Kafir (Similar to Sunac but much better) \$2.00. All per 100 pounds, track Concordia. Geo. Bowman, Concordia, Kan.

For Sale: We have excellent Certified Atlas Sorgo seed for sale this year. Best lot of seed we have ever grown. Robbins Ranch, Belvidere, Kan.

Kansas Grass Seed. Grown in Marshall county, Kansas. 1938 crop. Germination 95%. Price 15c per pound. Chas. Wuester, Beattie, Kan.

For Sale: Certified seed oats, field corn and popcorn, open pollinated, highest quality, lowest price. Laptad Stock Farm, Lawrence, Kan.

Korean Lespedeza, Redtop, Timothy, Clovers, Cowpeas, Soybeans, Mungbeans, Broomcorn. Forage seeds. Omer Webb, Jasper, Mo.

Offering Seeds for farmers addresses and small business charge. Clean, honest proposition. Barsain Nursery, Abilene, Texas.

Certified 3 annual White Sweet clover, sacrificed, ready to sow, \$5.00 bushel. H. E. Davis, Norwich, Kan.

Atlas Sorzo Certified Seed. 100 lbs. or carload. H. W. Cardwell Company, P. O. Box 2001, Wichita, Kan.

Save Money. Buy hardest Alfalfa and wheatgrass seed direct from Sam Bober, Newell, So. Dakota.

Flynn Barley, certified. 80c per bushel. Germination 93%, purity 98.95%. John Vernon, Simpson, Kan.

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Korean Lespedeza Seed, 55 hundred pounds. Sun Farms, Parsons, Kan.

Certified Colby Milo, 5 cents per lb. J. L. Vandeventer, Mankato, Kan.

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New automatic Jayhawk, with tractor or truck. gathers from windrow, cock or shock; elevates, carries or dumps load at any height. Stacks hay, loads wagons, gathers combine straw, feeds baler. Soon pays for itself in saving of money, labor and time. Free booklet, including Jayhawk sweeps for tractor, auto, truck and horse; also horse operated Jayhawk Stackers-Loaders. Write Wyatt Mfg. Company, Box N, Salina, Kansas.

Corn Sheller Repairs. Hainke bevel runners, straight runners, and small pickers are made of special alloy chiling cast iron. Similar to that of a grinding burr. For longer wear—many other repairs for farm machinery; ask your implement dealer or write us direct for a list of Hainke sheller repairs, guaranteed to give satisfaction. Hainke Foundry, Kensington, Kan.

Century 1/4 HP 1750 RPM, single phase motors, new with factory guarantee \$6.65. Factory distributors for Homecraft and shop tools, water systems and irrigation pumps. Forslund Pump & Machinery Company, 1719 Main St., Kansas City Mo.

Farmers! Know your field areas. Build and use the Standard type Walking A for all field measurements. Drawing and complete directions for construction and use sent for 30c. Farm Service Company, 945 D Street, Lincoln, Nebr.

We Have a Lot of rebuilt and used machinery priced for quick sale. Tractors, plows, cultivators, listers, potato planters, Letz roughage mills. What do you need? Perhaps we have it. Write for list. Green Bros., Lawrence, Kan.

Farmers! Make more money by cleaning and grading your grain and corn for seed and market. We have the right machine, priced right. Free folders, prices. Hart-Carter Co., Dept. F, Minneapolis, Minn.

Basin Dammer, make your own, automatic, simple, light draft, cheap, easily made. Plans 20c. E. J. Farming Co., Verdigré, Nebr.

Richman's Hammermill Poorman's price, \$39.50 up. Also Basin Tilling machine. Link Company, Fargo, N. D.

Enslage Cutters, closing out sale, new and used; Wilderman, Stuttgart, Kan.

TRACTOR PARTS

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

IRRIGATION SUPPLIES AND TANKS

Irrigation Well Casings, all diameters and gauges; plain, perforated, or screen; lock seam, riveted or welded. Turbine pumps, suction and discharge pipe, footvalves. Write for prices. Norton Manufacturing Co., Norton, Kan.

ELECTRIC FENCE

Electric Fencing—from famous Champion Electric Laboratories perfected fence electrification. Meets all public safety requirements. Complete, simple, efficient. Write for free booklet. Champion Electric Company, Equitable Building, Los Angeles, Calif.

Outstanding Engineering Achievement, Super Electric Fence, Precision built, synchronized electro-breaker. Simple, Efficient. Slashes costs. Fully Guaranteed. 30 day trial. Free booklet. Distributors, dealers wanted. Super Fence, AK-2500 Wabash, Chicago.

Precision Farmak now world's largest selling Electric Fence. Five new models \$9.90 up. Dealers wanted. Valuable exclusive territories open for immediate acceptance. Parker-McCrory Mfg. Co., 47-AX, Kansas City, Mo.

Make Electric Fence from old automobile coil. Complete plans 10c. No extras to buy. LeJay Manufacturing, 931 LeJay Building, Minneapolis, Minn.

WIND ELECTRIC PLANTS

Build Wind Light Plant. Complete plans and valuable catalog 10c. Welders, electric fencers. LeJay Manufacturing, 431 LeJay Building, Minneapolis, Minn.

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

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Wanted, Reliable Farmer in Each township as dealer for Archer Lubricants, Batteries, Radios and Wind Chargers. Flisk and Gillette tractor tires and wheels. Have good proposition for right man. Write in Dept. H, Archer Petroleum Corp., Omaha, Nebraska.

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English Shepherd Puppies. Natural heelers. Guaranteed. Ed Barnes, Collyer, Kan.

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Standard Rabbit Journal, Milton, Pa. Year, 50c. Sample, dime. Supplies.

VETERINARY REMEDIES

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

RADIOS

Amazing New Farm Radios. No aerial, no ground, no batteries to charge. Also 11 volt radio with 1,000 hour battery pack \$16.95. Guaranteed by oldest exclusive manufacturers of farm radios in America. Farmer agents write Department I for information. L'Atro Manufacturing Company, Decorah, Iowa.

BURGLAR ALARMS

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

BUTANE PLANTS

Save 1/2—Buy Direct at factory cost. Freight prepaid to you. Prices start at \$124.50. 3 years to pay on FHA plan. Approved by Underwriters Laboratories. 24 hour gas delivery service. Write Homegas, Wichita, Kan.

BUILDING MATERIAL

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

Fence Posts, Phone Poles; truck or car load lots. Location, 10 miles N. E. Hutchinson on K-17. Medora Catalpa Plantation, Medora, Kan.

TYPEWRITERS

Allmake-Money Back Typewriter sale. Standard \$14.95; Portables \$11.95. Largest stocks. Western Typewriter Co., Topeka.

HARNESS

Gibson Farm Harness with breeching 1 1/2 trace \$50.; with 1 1/2 trace \$48. Send check or ask for specifications. Gibson Harness Co., 452 North Main, Wichita, Kan.

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

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

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

104 Page Auctioneering Book \$1.00. American Auction College, Kansas City, Mo.

INTEREST TO MEN

Men! Here's a Tie, a cinch to put on, and looks like a hand-tied tie by a professional, exactly what the "Jiffy Tie" is. They're selling like hot cakes. Write and tell us the color of your suit and we'll send something nice to go with it. Just drop a postcard and you'll have a "Jiffy Tie" in a few days. Simply pay the postman 48c plus a small additional charge for postage. If you send 48c in cash your "Jiffy Tie" will be mailed prepaid. Write today and you'll be tickled pink with your purchase. They're not sold in stores. You save the profit. Jiffy Tie Co., Leipsic, Ohio.

PHOTO FINISHING

Introductory Offer—Any roll developed and two prints each negative 25c—or any roll developed and two 5x7 special enlargements—best negative 25c. Special Fadeproof Automatic Process insures sharper, clearer, lifetime prints. Specify offer wanted. Reprints 3c each. Superfoto Films, Dept. 28A, Kansas City, 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.

At Last! All your snapshots in natural colors. Roll developed. 8 natural color prints only 25c. Reprints 3c. Amazingly beautiful. Natural Color Photo, Janesville, Wisc.

20 Reprints 25c. 100-\$1.00. Rolls developed, 16 sparkling Lifetone prints, 2 studio enlargements, 25c. Lifetone Studios, E. 351, Des Moines, Iowa.

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

100 Photo Postcards \$3.00; 100 Photostamps \$1.00. Copied from any photo. William Filline, 3027 N. Kostner Avenue, Chicago, Ill.

Acc-Hi Photo Shop, La Crosse, Wis., will develop your roll with 8 glossy prints and 2 enlargements for 25c. Immediate service.

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

8 Natural Color prints and 4 enlargement coupons, each roll, 25c. Reprints 3c. Box 5000, Albany, Wis.

Free—4 big enlargements, 8 prints, each roll 25c. 20 reprints 25c; 100-\$1.00. Filmoo, Albany, Wis.

Rolls Developed, 16 prints, 3 enlargement coupons 25c. 10 reprints 15c; 100-\$1.00. Studio, Albany, Wisc.

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

Free Sample Streamline Snapshot. Send negative. Streamline Studios, Box 5693-Q, Cleveland, Ohio.

Roll Developed, printed and 5x7 enlargement 25c. Square Deal Studio, Dept. K, Huntington, Ind.

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

Ten Beautitone Reprints from negatives, 20c. Giant Snapshots, Inc., Green Bay, Wis.

Rolls Developed, 8 prints, 2 enlargements, 25c. Nielsen's Studio, Aurora, Nebr.

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

SPARROW TRAPS

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

MALE HELP WANTED

Start Now In Your Own Profitable Business. All you need is a car and average ambition. We can place you in a business where you can earn more money than you could in any other business or occupation. Write today for full particulars. Join our force of established retailers and become financially independent. Several choice territory vacancies in this and adjoining states now open. Dr. Ward's Medical Co., Dept. K, Winona, Minn.

SALESMEN WANTED

Agents Wanted. Finest and most complete line of new improved varieties of nursery stock—fruit trees, berries, shrubs, roses. Attractive prices and liberal sales plan, full or part time work. Write today for full details. Neosho Nurseries Co., G-2, Neosho, Mo.

FEMALE HELP WANTED

Get New Wardrobe free and earn to \$23 weekly showing friends gorgeous Hollywood endorsed Fashion Frocks. No canvassing. No investment. Send age, dress size. Fashion Frocks, Dept. BB-1072, Cincinnati, Ohio.

Sell Dresses as low as \$1.24 to friends. Experience unnecessary, but write fully. Harford, Dept. P-138, Cincinnati, Ohio.

QUILT PIECES

Fast Color, 100-20c; 200-35c. Silks and velvets 2 lbs. \$1.00 postpaid. Crouse Remnants, Centralia, Ill.

69 Varieties Patchcraft—rugcraft materials. Samples free. Rainbow, Decherd, Tenn.

WOOLEN GOODS

Wool Chipping Time. Trade wool for woollens, wool batting, blankets, yarns; write for circular. Litchfield Woolen Company, 340 Marshall, Litchfield, Minn.

HONEY

Extra Quality Clover Honey; 10 lb. pail \$1.00; 60 lb. can \$4.90. Fred Peterson, Aiden, Iowa.

Extracted Honey; 60 lb. can \$4.50. Clifford Overbaugh, Frankfort, Kan.

LAND—ARKANSAS

For Sale: 158 1/2 and 132 acres land from 3 to 5 miles from Court House, some farming land, good pasture and some timber, \$18 an acre. Has good roads to farms. S. Bondi, Danville, Ark.

LAND—KANSAS

156 Acres—70 Cultivated; 40 black loam bottom, balance pasture; well improved; \$4,800; \$600 cash. Real Estate Exchange, Garnett, Kan.

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

Improved Farm for Sale. Catholic community. Graves & Munding Ins. Agency, St. Paul, Kan.

LAND—LOUISIANA

See the Highlands of Louisiana this winter. Fine all-year climate. Our lands offered at prices within the reach of all. Terms like rent. Descriptive book sent on request without obligation. Long-Bell Farm Land Corporation, 837 R. A. Long Bldg., Kansas City, Mo.

LAND—OREGON

Oregon Farm Homes. Crop certainty and desirable living conditions. Lands irrigated or ample rainfall. Some capital necessary. No farms for rent. No homestead lands. Write, On-To-Oregon, 824 S. W. Fifth Avenue, Portland, Oregon.

PATENT ATTORNEYS

Patent Attorneys—Small ideas may have large commercial possibilities. Write for our free book. Inventor's Guide for the Inventor and "Record of Invention" form. Delays are dangerous in patent matters. Free information on how to proceed. Clarence A. O'Brien and Hyman Berd, 150-Y Adams Building, Washington, D. C.

Patent Attorneys—We successfully sell inventions, patented and unpatented. Write for proof, and what you have for sale. Chartered Institute of American Inventors, Dept. 32-B, Washington, D. C.

TOBACCO

Whiskey's Special—Guaranteed best mild smoking or red chewing, 12 pounds \$1.00. Flavorsing, box plus free. Valley Farms, Gray, Ky.

When Received, honest weight, quick shipment and tobacco guaranteed; 15 pounds smoking or smoking \$1.00. Dick Adams, Sharon, Mo.

PRAIRIE HAY

Hundred Tons baled prairie hay at a bargain to close an estate. Make an offer. E. E. Yates Center, Kan.

OLD GOLD WANTED

\$35.00 Ounce. Ship old gold teeth, crowns, jewelry, watches, receive cash by return mail. Auction guaranteed. Weisberg's Gold Mining Company, 1502-O Hennepin, Minneapolis.

LAND—OKLAHOMA

Dairy Farm—250 acres two miles from Bartlesville, good buildings and fences, milking machine, cooling unit and modern equipment, producing grade "A" milk. Herd of 65 registered Jerseys and complete farming equipment. Forced to sell and offer herd and farming equipment at sacrifice with lease on real estate or will consider leasing real estate only. Address Box 821, Bartlesville, Okla.

LAND—MISCELLANEOUS

Federal Land Bank Farms for sale. We have farms and ranches in Kansas, Oklahoma, Colorado and New Mexico. Priced on actual value. Sold on convenient terms. Favorable interest rate. No trades. Tell what locality you are interested in and we will mail you farm description. Federal Land Bank of Wichita, Wichita, Kan.

Farms That Pay in the Great Northern Railway Agricultural Empire, Minnesota, North Dakota, Montana, Idaho, Washington, Oregon. Fertile black soil, high production crops, grain, fruit, vegetables, feed and livestock. Many kinds of farms for selection. Write for book on state you prefer. E. C. Leedy, Dept. 202, G. N. Ry., St. Paul, Minn.

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

REAL ESTATE SERVICES

Free Booklet and List. We make exchanges everywhere; farms, income property, merchandise, businesses. Peterman's Exchange, Wichita, Kan.

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

Wanted—To Hear From Owner of farm for sale for spring delivery. W. E. Hawley, Baldwin, Wis.

JACKS

Mammoth Jacks

For sale: Two good ones, 4 and 6 years old. Big, well marked and proven sires. Priced reasonable. DAN O. CAIN, SALINA, KAN.

Reg. Jacks and Jennets

60 Registered Jacks, guaranteed, 100 Jennets. Largest and oldest breeders. HINEMAN'S JACK FARM, DIGHTON, KAN.

POLAND CHINA HOGS

Bauer's Offer Gilts Bred

to STATE FAIR (son of the 1938 World's Champ); gilts of right type and bred to a thick type boar. Also fallboars and gilts of outstanding quality. Just across the line in Neb. BAUER BROS., GLADSTONE, NEBR.

BRED GILTS

Poland China bred gilts. Medium back, wide type kind. Bred for March farrow to thick made boars. Price \$30.00 to \$40.00 at farm. Pedigree and immune. Herman Groninger, Bendena, Kan.

Better Feeding Polands

Aug. and Sept. boars, shorter legs, deep thick fleshed bodies. Farmers' and feeders' kind. F. E. WITTUM & SON, CALDWELL, KAN.

DUROC HOGS

Hook & Sons' Durocs

Durocs in all the classes. Spring and fall boars. Bred sows and gilts to three of the world's top boars, including the world's junior pig. Registered, immune and guaranteed. Veteran breeders. B. M. HOOK & SONS, Silver Lake, Kan.

DUROCS OF ROYAL BLOOD

Superior serviceable boars, fancy bred gilts, heavy boned, shorter legged, easier feeding type. Immured, registered, shipped on approval. Come or write me your needs. Catalog. W. R. HUSTON, Americus, Kan.

BERKSHIRE HOGS

QUALITY BERKSHIRES

Bred gilts, fall pigs and weanlings, either sex. Everything registered. Note: Berkshire boars are excellent for cross breeding. For description and prices write J. E. Frewitt and P. A. Graham, Pleasant Hill, Mo.

CHESTER WHITE HOGS

Bred Sow Sale

Tuesday, Feb. 21

40 Chester White gilts. Bred to TOP NOTCH boars. Suited for breeders, 4-H projects, and farmers. Registered and cholera immune. Best of breeding. Write for catalog. WM. BUEHLER, STERLING, NEBR.

HAMPSHIRE HOGS

Quigley's Hampshire Sale

at Oskaloosa, Kan., on Highway 59

50—Bred Sows and Gilts—50
Saturday, February 25

Another quality offering of registered Hampshire gilts and young sows bred in the purple for March and April farrowing carrying litters by the breed's outstanding boars: Major League; Keynote; The Rocket and The Showman. Write for catalog. QUIGLEY HAMPSHIRE FARMS, Williamstown, Kan.

HAMPSHIRE BRED GILTS

20 bred gilts, registered and vaccinated. Also a few extra good fall boars.

C. E. McCLURE, REPUBLIC, KAN.

IN THE FIELD

Jesse R. Johnson
Topeka, Kansas



Bellows Brothers, of Maryville, Mo., authorize us to claim May 15 as the date for their spring sale of registered Shorthorns.

The well-known Shorthorn breeding establishment, Sni-A-Bar Farms, of Grain Valley, Mo., will hold their annual sale of Shorthorns on May 16.

F. E. Wittum and Son, breeders of shorter legged, wider Polands, write that 2 of their first spring litters number 11 to the sow. Write them at Caldwell, Kan.

H. A. Wrampe, breeder of registered Aberdeen cattle, located at Yates Center, writes that he is now selling bulls to many old customers. J. W. Williams, a good cattle grower of Neosho county, has just bought his third bull. Mr. Wrampe is an old breeder and has a good herd.

Miller and Manning, of Council Grove, have an attractive offer on another page. The offer is a rare opportunity to buy, without sale expense, a great lot of Domino females in lots to suit. No herd anywhere is better fixed to supply breeding stock of quality. The Herefords have quality and breeding to match.

Carl Parker, owner of Parker Farm, Stanley, has developed one of the good herds of Milking Shorthorns to be found in the state. The majority of the cattle on the farm have been bred by Mr. Parker, and the show ring winnings of the herd prove that he has bred the kind of Milking Shorthorns that the experts like.

Col. James T. "Jim" McCulloch, of Clay Center, says: "General livestock conditions and price levels are the best they have been since I have been selling sales." No extreme prices prevail which in Mr. McCulloch's opinion is a good indication of general stability and a prolonged demand together with a steady trend of values.

Wm. Buehler, one of the best known breeders of registered Chester White hogs in the entire country, will hold a sale on his farm, just over the line, near Sterling, Nebr. He will sell 40 head of strictly top bred gilts, recorded and immune. Write for catalog. It will be ready by February 10. Mention Kansas Farmer when writing.

Harry H. Reeves, one of the best known Milking Shorthorn breeders of the state and secretary of the Kansas Milking Shorthorn Association, has decided to sell his highly bred production herd sire, Mountain Reeves. He has a wonderful line of Register of Merit breeding back of him. He cannot be used to advantage in the herd and will be sold reasonably. Address Mr. Reeves at Hutchinson.

Quigley Hampshire Farms will sell registered Hampshire sires at Oskaloosa, on Highway 59, Saturday, February 25. The sale will afford an opportunity to obtain the blood of noted Hampshire sires, including High Score, world's grand champion boar. The gilts have been mated to The Rocket, a grandson of High Score, on the sire's side and Storm King on the dam's side. For catalog address Quigley Farms, Williamstown.

The Wagner Hereford Ranch at McFarland, owned by Dr. F. J. Wagner, is famous for uniformity of its registered Herefords. Breeding stock have always been selected with this in mind. Lines of breeding have been adhered to that makes this uniformity more certain. This season's calf crop was sired by the 2 good Foster Farms bulls, Beau Beauty 20th and Beau Beauty 27th. The herd is composed of 100 cows. A good line of young females is always on hand for the trade. The herd is culled closely.

There is a place on every Kansas farm for a good pair of Percheron mares. No matter how efficient the tractor, certain jobs require work horses if the work is to be done well. Why not attend the H. G. Eshelman Percheron sale Thursday, February 16, and buy one or more of the big strong registered mares. Let them help with the farm work and at the same time raise colts for replacement. Forty mares, 25 of them bred, sell on that date. Write now for catalog as the time is short. Ten outstanding good young stallions go in the same sale.

Bauer Bros., of Gladstone, just over the line in Nebraska, offer choice Poland China gilts bred to their boar, State Fair, a son of the 1938 world champion boar. The brothers say the young boar has done exceedingly well and has everything desirable to be found in a boar suited to sire market type hogs, meaning of course that he is of compact type with short legs and wide hams. This boar is one of the best sons of Pure Gold and was selected especially to nick with the Bauer type of gilts. Fall boars and gilts are also offered, the best lot of pigs ever on the farm, according to a letter just received. When inquiring about the Bauer Polands please mention Kansas Farmer.

I have known W. R. (Willard) Brown, part owner and manager of B. and B. Ranch, Pottawatomie Co., well for more than 30 years, and I am glad to call attention to the big reduction sale that is to be made on the Ranch, February 15. Mr. Brown is one of the best known stockmen in the country. For many years he was successful breeder of registered Percheron horses and the stallion that sells, sire of much of the young stock selling, is a fine individual and is well bred. Last October this ranch sold 50 Angus calves to the Michigan Agricultural College and 30 to one of the good feeders in Lancaster county, Pa. This will be a thrifty lot of cattle, bred sows, and work Percherons. See announcement on another page.

S. B. Amcoats, veteran beef Shorthorn breeder, of Clay Center, reports the heaviest inquiry and sale for the fall that he has had since 1929. He has received more than 50 letters of inquiry and made many good sales to both old and new customers.

Recent sales include: Ward Grammond, Lucas, a bull; J. G. Grindal, Garrison, bull; L. E. Meeney, Clifton, bull; Fred Yarrow, Jr., Clay Center, bull; H. L. Peterson, Ada, heifers; Oscar E. Nelson, Ada, cow, calf and bull; C. J. Hildganger, Windom, bull; A. C. Alsasser, Wakefield, bull; W. H. Lehman, Abilene, heifer; A. Nelson, Clay Center, bull.

Mr. Amcoats says he has never known such a demand for choice bulls. Recently Mr. Alsasser sold a mature bull for \$110 that he had purchased from Mr. Amcoats 4 years ago for \$75. Mr. Nelson sold another for more than \$100

that cost \$67.50, just two years ago. Mr. Amcoats says when a farmer can use a good bull for several seasons and then cash him for more than enough to buy a good young one, bull breeding should become a thing of the past. The second crop of calves now coming from Sni-A-Bar Signet, is additional evidence of the bull's excellence as a breeder. The Amcoats herd is now TB and Abortion Federal accredited. Mr. Amcoats says his buyers are much interested in the additional protection that comes from buying from a herd that is fully accredited.

Herbert L. Feldhauser and Son, Shorthorn breeders of Frankfort, have recently purchased and placed at the head of their herd a good young, thick bull sired by a son of Proud Archer. The Feldhauser herd started several years ago with a pair of extra choice young cows from the S. B. Amcoats herd; one of them a daughter of Divide Matchless and the other by Matchless Crown, a son of Divide Matchless. The present herd is composed entirely of daughters and granddaughters of this original purchase. They are the broad backed, good uddered sort, that give plenty of milk without impairing their beef characteristics. The herd is not large but of extra good quality. Inspection of the herd and breeding stock for sale is invited.

Broadacres Farm, of Liberty, Mo., has had a satisfactory year with its Clydesdale horses and its purebreds were shown at several of the state fairs and leading livestock shows of the country. Anyone who likes a draft horse that is attractive in harness, has a snappy way of moving, can't help but like the well known Scottish drafter, the Clydesdale. The clean flat bone and the freedom from blemishes in the legs and feet is a point that Clydesdale breeders have long sought. That they have accomplished this as well as any breed is clearly illustrated in the breeding stock seen at Broadacres Farm. The Imported Seaville Refiner is the chief herd stallion and he is an excellent individual and his type is what Clydesdale breeders are seeking today. This farm has a very interesting booklet on this breed. Write for it, it's free for the asking.

One of the encouraging signs of a better livestock future, both in quality and handling, is to have the young boys lean up against the fence and show interest while their fathers visit with the fieldman or a prospective customer. Donald Tasker, Alfred Tasker's 10-year-old son does this. He owns and feeds club calves and wins in strong competition with his own and other breeds. He has a pair of good ones now on feed for next season's shows. Donald and his father have one of the good Shorthorn herds in Kansas. Heading the herd is the outstanding Lacy bred bull, Highland Model 1st. He is a deep red, low-set bull and is proving himself as a breeder. He was the highest priced bull sold in the Wichita sale last year. The Taskers invite inspection of their Shorthorns. The farm is located near Delphos.

The I. E. Knox Poland China bred sow sale, to be held at South Haven on Highway 81, will be the big Poland China auction of the winter. The date is Monday, February 20. About 50 head, mostly sired by or bred to the great boar K's Mischief Mixer. Mr. Knox is now the oldest continuous Poland China breeder in the state. Pigs from the Knox herd win more 4-H prizes than from almost any other herd. This offering is shorter legged than former offerings and for smoothness, about the best Mr. Knox has ever offered. Good Polands are scarce and farmers and breeders should avail themselves of a real opportunity. If unable to attend, buying orders may be sent to auctioneers or fieldmen. The catalog gives all information. Write now for it and mention Kansas Farmer.

In line with their policy of buying the best in herd bulls, E. C. Lacy and Sons, Shorthorn breeders of Miltonvale, purchased at the Chicago National sale the great young bull, Glenburn Destiny, bred and consigned to the sale by F. H. Deacon, of Unionville, Ontario. This calf is easily the lowest and thickest bull ever brought to the Lacy farm, and promises to be a worthy successor to Gregg Farms Victorious, the bull that already has made history in the herd. His owners have a right to expect herd improvement by the purchase and use of such bulls. He is a son of an Imported Brawith bull, and his dam is Lovely Maid by Edellyn Favorite. The Lacy cow herd is largely composed of daughters and granddaughters of Sultan Joffre. Plans are being made for taking out a show herd next fall.

The Welsh Hereford farm, located 4 miles east of Abilene, is coming to be headquarters for some of the better registered Herefords to be found in the state. T. L. Welsh, owner of the herd, has purchased 25 strictly top heifers from leading breeders during the past season. He has topped every sale where he was a buyer. Among his more important buys were the 2 top heifers in the Hutchinson consignment sale; H. J. Krause sale at Alliance, Nebr.; and CK Ranch, Brookville. Heading this good herd at present are 4 real bulls—Real Prince Domino 89th, Belmont Domino, C. W. King Domino 4th and Rupert's Royal Domino, a son of Hazard Rupert with a dam by WHR Royal Domino. Few herds can show a greater brace of Domino bulls with strong individual excellence to back the breeding. Mr. Welsh invites inspection of the herd. Watch for the sign on north side of Highway 40.

Grain and rough feeds grown on Springdale Stock Farm at Munden, in Republic county, have been fed to registered Shorthorns since 1907. Registered Shorthorns were brought to the farm at that time. Soon after Polled Shorthorn bulls were purchased and now every animal on the farm, backed by much Scotch blood, are polled. Three bulls were used from the Achenbach Brothers herd, and the present bull was

KANSAS FARMER
Publication Dates, 1939

February	11-25
March	11-25
April	8-22
May	6-20
June	3-17
July	1-15-29
August	12-26
September	9-23
October	7-21
November	4-18
December	2-16-30

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

PERCHERON HORSES

Reg. Percheron Horse Auction
On Farm Between Emporia and Allen, Kan. (on all-weather road)
Tuesday, Feb. 14
13 head of Reg. horses as follows:
One mare 12 years old; one 8 and one 6, both in foal.
One 2-year-old stallion, weighing 1,650 (a good one).
Three coming 3-year-old mares, one 2-year-old mare.
Two weanling mare colts and two weanling stallions.
Harve Shields, Emporia, Kan.

Dapple Gray Percheron
Stallion, for sale, coming 5, weight 2,100. Good individual. Also red Polled Bulls and Heifers.
W. E. ROSS, SMITH CENTER, KAN.

Percheron Stallion
For Sale: Black Percheron Stallion, six years old, weight 1900. Good breeder.
BEN MURRAY, MOUND CITY, KAN.

Must Sell Percheron Stallion
at once. Registered, black, 8 years old, plus of quality and action. For price, etc., write J. W. BREWER, ELMO, KAN.

Percheron Stallions
—for sale; 3 and 4 years old. Sorrels in color good quality and purebreds.
R. A. FIELD, FORMOSO, KAN.

Reg. Percherons of Quality
Black and gray Reg. Mares and Stallions. All of blood lines and good individuals. Come and see them write. MRS. JOE FOX, GREELEY, KAN.

CLYDESDALE HORSES
Clydesdale Stallions
FOR SALE: Two 3-year-old Stallions. One of the 3-year-olds was Junior Champion at the Iowa State Fair. Six 2-year-old Stallions. Well grown and good individuals and the kind of Clydesdale that will improve grade stock. Some of these stallions were shown and were in a position to offer you herd heading material for the stallions we have on hand. They are priced right. Write for Broadacres Farm Clydesdale booklet. It is free and interesting.
BROADACRES FARM, LIBERTY, MO.

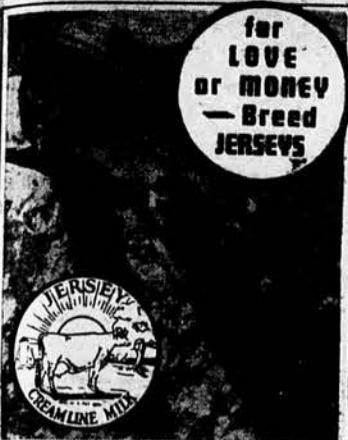
HORSES
Stallion and Jack Offered
Stallion, pure cross, Belgian and Percheron, coming 4 years old. Jack, black with white points, coming 9 yrs. old. Franklin Horn, Hill City, Mo.

AUCTIONEERS AND SALES MANAGERS
BERT POWELL
AUCTIONEER
LIVE STOCK AND REAL ESTATE
715 Lincoln St. Topeka, Kan.

GOOD LIVESTOCK WELL ADVERTISED
sell more quickly and for better prices. The BUYER—not the seller—pays for the advertising. Farm paper advertising costs belong on the same side of the ledger with feed, recording, veterinary bills and interest. In order to encourage the breeding of better livestock, KANSAS FARMER maintains a special low advertising rate for this class of advertising. Published twice a month and read by more than 110,000 farmers and breeders. Address
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Topeka, Kan.

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Livestock Advertising Dept.,
Topeka, Kansas
Kansas Farmer is published every other week on Saturday and copy must be mailed to reach the Kansas Farmer office not later than one week in advance of publication date.
Because we maintain a livestock advertising department and because of our very low livestock advertising rate we do not carry livestock advertising on our Farmers' Market page.
If you have purebred livestock for sale write us for our special low livestock advertising rate. If you are planning a public sale write us immediately for our
SPECIAL PUBLIC SALE SERVICE
KANSAS FARMER
Topeka, Kansas
Jesse R. Johnson, Manager,
Livestock Advertising Department

JERSEY CATTLE



Fifty-thousand breeders of Jerseys, many of them your own neighbors, believe that Jerseys are a good dairy breed. Jerseys produce Creamline Milk, richest in the world. Jerseys are safe to breed because they reproduce true-to-type. Jerseys have proved, in impartial tests, to be the thriest producers of butterfat. They mature earliest, live long, and MILK! These are some of the reasons why there are more Jersey cattle in the United States than any other dairy breed.

The Jersey Creamline Milk trade-mark, shown above, is registered in the United States Patent Office. For information on obtaining the franchise write to:
American Jersey Cattle Club
324-K W. 23rd St., New York, N. Y.

GUERNSEY CATTLE

Serviceable Reg. Guernsey Bulls
Three yearlings and one 6-year-old. \$50 to \$60. (Double grandson of Brook's Mead Secret and Stripes. Also sons and double grandsons of Valois Crusader. Mendowark Farm, L. S. Schultz & Sons, Owners, Durham, Kan.)

Guernsey Heifer Calves
Choice Guernsey month old heifer calves, high grades, for \$12.50, delivered. Also young registered bulls.
LOOKOUT FARM, LAKE GENEVA, WISC.

Guernsey Club Heifers
Have 8 reg. Guernsey heifers out of 400-lb. cows for use. Also some good young bulls near service age. Ask list.
FEES DAIY OR SUN FARMS, FARMERS, KAN.

GUERNSEY CALVES WANTED
Want young purebred Guernsey heifer calves eligible for registration. Furnish butterfat record, sire and dam, etc. Advise price. P. O. Box "B," N. W. Station, Oklahoma City, Okla.

HOLSTEIN CATTLE

SHUNGAVALLEY HOLSTEIN BULLS
New Offering Several Choice Young Bull Calves at Very Reasonable Prices. These are sired by a double grandson of CARNATION SENSATION. These young bulls are of excellent Holstein type, well grown and out of dams that have given a good account of themselves in our herd. 2 Yearling Bulls, Good Individuals. Are Large Enough for Heavy Service.
Romig & Sons, 2501 W. 21st, Topeka, Kan.

Registered Holstein Bulls
Born March 16, last excellent Holstein type, 340 lbs. white, dam has 392 fat as a junior year-old; sister, 600 fat; sire, full brother to Netherland Netherland Fancy (490 fat). State Fair champion 1937 and 1938. Price of bull \$80. July 11 by same sire \$50.00.
FRANK HOFFMAN & SON
Pretty Prairie, Kan.

Dressler's Record Bulls
Cows with records up to 1,018 lbs. fat. We have the highest producing herd in United States, averaging 10 lbs. fat. H. A. DRESSLER, LERO, KAN.

BROWN SWISS CATTLE
BROWN SWISS BULLS
FOR SALE
G. D. SLUSS, R. 1, ELDORADO, KAN.

MILKING SHORTHORN CATTLE
Quallyn Shorthorn Farms
Bulls 2 mos. up, out of Record of Merit cows. Size winners at International and in steer carcass contests. Real double deckers—beef and butterfat.
JOHN B. GAGE, EUDORA, KAN.

POLLED SHORTHORN CATTLE
20 BULLS Weaned and up to choice heifer and bull, \$60 to \$200. Best herds. Banbury & Sons, Plevna, Kan. 22 mi. W. and 6 S. of Hutchinson, Kan.)

SHORTHORN CATTLE
Shorthorn Bulls and Heifers
Sires and roans, sired by VICTOR MEXICAN and out of Orange Blossom and wonder dams. Seven to 12 months old. Good individuals. Priced reasonable.
D. P. EWERT, HILLSBORO, KAN.

Good Help on Sales

John B. Gage, owner of Duallyn Milking Shorthorn farm, of Eudora, Kan., has this to say regarding the advertisement run on Milking Shorthorns in Kansas Farmer and Missouri Ruralist. "I have received very good results from this advertising, as most of the sales I have made originated from inquiries which Kansas Farmer or Missouri Ruralist developed."

bred by Banbury and Sons, of Plevna. He is a son of The Banbury Clipper bull. Heifers from the Banbury herd have also been added recently. The Achenbach bulls carry the blood of the Suliten and Grassland families that made the Achenbach herd famous several years ago. The Moore herd is not large, but plans are being made by C. P. Moore and his son to build slowly, but surely, one of the good Polled herds of the state.

Berkshires that are really of the type sought by breeders are being raised by J. E. Prewitt and P. A. Graham, of Pleasant Hill, Mo. The number of breeders who are producing registered breeding stock in Missouri and Kansas are not numerous and the possibility of breed expansion of purebred Berkshires is excellent. These men state they not only have started several new herds but they find an excellent sale for boars for cross-breeding purposes. "To show how well Berkshire boars cross on other breeds," states Mr. Prewitt, "the Grand champion carload at the last 3 International Livestock Shows, at Chicago, have been cross-bred Berkshire Hampshires." These men have shipped breeding stock into virtually all the corn producing counties of Missouri as well as Kansas, Arkansas and Illinois, during the last 12 months. Pleasant Hill is just a short distance southeast of Kansas City.

Lester Kolterman and his 3 brothers own and operate a fine stock farm near Onaga. The farm has been in the family since before the Civil War and the brothers take unusual pride in maintaining the fertility of the land. To do this it was necessary for their father to keep plenty of good livestock. He chose Polled Herefords and the brothers have carried the business on since his death. Of course there are hogs and general farming but the cattle get the most attention and are the source of the most revenue. Lester was bemoaning the fact that they had sold all their bulls, and buyers and letters of inquiry were continuing to pour in. The good Polled bull, Perfect Beau 5th, bred by Goernandt Bros., is now in service. He was the highest priced bull sold in their sale a year ago. He has done well and his first calves, now coming, prove the wisdom of the purchase. He is of Domino Plato and Worthmore breeding. The cow herd carries some Anxiety breeding and was selected from a large herd a few years ago.

The wide, deep sided, medium type, purebred Duroc hog met with excellent demand when Clarence Miller sold bred sows, bred gilts and fall pigs at Alma on February 4. Forty-four head, 10 of which were fall pigs, averaged \$54.80. Thirty-one bred gilts and 3 bred sows averaged \$63.50. The top of the sale was a tried sow, and she sold for \$97.50 to C. A. Grubb, Ellsworth. The top gilt was purchased by Brewer and Mathis, of Columbia, Mo., for \$72.50. Five fall boars sold for an average of \$30 with the top pig going to T. W. Weaver, of Wichita, for \$37.50. Five fall gilts averaged \$22.50 with a top of \$25. Lee McKinley, Admire, purchased this gilt.

The sale attracted attention of breeders and farmers all over Kansas and buyers were present from Missouri. Mail order bids came from as far as Illinois but buyers present took virtually all the offering and many went home without hogs after bidding \$10 to \$15 more a head than they intended to pay when the sale opened.

Many new bidders and buyers were present that were new to the rank and file of purebred hog breeders and they wanted good Durocs for commercial reasons rather than the viewpoint of show hogs. F. H. Crocker, of Topeka, and the Buckner Feed Co., Paola, were the heaviest purchasers in the sale. They purchased 7 bred gilts each. Kansas buyers took 32 head, Missouri 4 head and Illinois 1 head. Bert Powell, Topeka, was the auctioneer.

Public Sales of Livestock

- Percheron Horses**
February 14—Oklahoma pure bred jack and horse association, W. L. Blizard, sale manager.
- Hampshire Hogs**
February 14—Harve Shields, Emporia.
February 14—Mahlon Groemiller, Pomona.
February 16—H. G. Eshelman, Sedgwick.
- Duroc Hogs**
February 15—Fred Farris, Faucett, Mo.
March 6—Fred D. Wilson, Andover.
- Poland China Hogs**
February 20—I. E. Knox, South Haven.
February 16—Lehmer, Masters, McClarnan breeders sale, Maryville, Mo.
- Hampshire Hogs**
February 25—Quigley Hampshire Farms, at Oskaloosa, on Highway 59.
- Chester White Hogs**
February 21—Wm. Buehler, Sterling, Nebr.
- Hereford Cattle**
March 27-28—Hereford Breeders Round-up Sale, Kansas City, Mo.
April 10—Central Kansas Hereford Ranch, Brookville.
- Shorthorn Cattle**
March 29—Southern Kansas Shorthorn Breeders, Stock Yards, Wichita, Hans Regier, Whitewater, sale manager.
May 16—Sni-A-Bar Farms, Grain Valley, Mo.
May 18—Bellows Brothers, Maryville, Mo.
- Milking Shorthorn Cattle**
March 9—Special sale, H. C. McKelvie, Council Bluffs, Ia. Box-188.
- Red Polled Cattle**
February 14—Mahlon Groemiller, Pomona.

B. & B. Ranch Reduction Stock Sale

On Ranch, 4 1/2 Miles Northwest of Emmett—12 Miles Northwest of St. Marys (on all-weather road)

Wednesday, Feb. 15
Starting at 10 a. m.

70 Purebred Unregistered Hampshires
sows and gilts. Purebred but no pedigrees furnished. Bred to register boars for spring farrow.

50 Black Angus
steer and heifer calves, purebred but not eligible to register.

23 Percheron Horses
9 mares in foal to registered Percheron stallion (also for sale). 12 choice coming 3-year-old mares and geldings. 1 jack mule. All immune from sleeping sickness until July 1st next. All horses over 3 years old well broke to work, all others have been hitched several times and are perfectly gentle.

BROWNING & BROWN
Emmett (Pottawatomie County), Kan.
Auctioneers: Col. J. H. Bruner, John Zama

MILLER & MANNING
Anxiety Herefords of Quality for Sale Now

Ten or more young cows with calves at foot.
Ten 3 and 4-year-olds (heavy springers).
Twenty 2-year-old choice foundation heifers, bred to WHR DOMINO STANWAY 10th, 1892744 (grandson of Prince Domino, 499611 and ADVANCE DOMINO 67th, 2800990).

1938 heifer calves (one or a carload), low set, the kind to start with. Twenty-five short age bull calves—few real herd bull prospects.
These cattle sired by strongly bred DOMINO bulls: CHOICE DOMINO 4th, 2324778; CHOICE MISCHIEF, 1910346; BEAU BREDWELL, 2201017.
Pleased to show cattle and answer inquiries promptly.

F. H. Manning, White City, Kan.
Dr. B. E. Miller, Council Grove, Kan.

Poland China Bred Sow Sale
Under Cover in South Haven, on Highway 81

Monday, February 20

50 of the best bred gilts I ever offered and I have made over 40 sales. Years of experience have made certain the type of POLAND that is most profitable from the pork producer's viewpoint. Featuring the blood of K's MISCHIEF MIXER (the greatest son of MISCHIEF MIXER). The blood that won in barrow contests.
ATTRACTION: 7 tried sows bred to K's MISCHIEF MIXER; 6 fall boars and 6 gilts, sired by K's Mischief Mixer.

Write for catalog to
I. E. Knox, South Haven, Kan.
Boyd Newcom, C. W. Cole, Auctioneers
Jesse R. Johnson, Fieldman

MILKING SHORTHORN CATTLE, HAMPSHIRE SHEEP AND HAMPSHIRE HOGS

M. R. Milking Shorthorn Bulls from 6 to 18 mos. of age. All reds and roans. They are from Record of Merit dams by our herd sire, PEPPER POD, senior champion of Texas State Fair, 1938, and grandson of the great breeding bull Northwest Pride 4th and Iford Cactus 26th. These bulls are priced to sell. These bulls are raised on Miller ranch, Miller, Kan., but are now located for your inspection on our farm, 119th and Mission Road, Johnson county, Kan.
Hampshire Sheep—Reg. Hampshire ewes and rams from Mt. Hazlett breeding—for sale.
Hampshire Hogs—Reg. Hampshire boars and gilts—for sale.

KLINE BROS.
Miller Ranch, Miller, Kan.
Phone or Write
LEONARD C. KLINE
800 Bryant Bldg., Kansas City, Mo.
CLAYTON E. KLINE
Nat'l Bank of Topeka Bldg., Topeka, Kan.
KENNETH KLINE
Miller Ranch, Miller, Kan.

ANGUS CATTLE

Best of Angus Breeding
and correct type, 25 bulls from 6 to 24 mos. old. Bred and open heifers and cows, 300 to select from.
L. E. LAFLIN
Crab Orchard, Nebraska, Box-K

Reg. Aberdeen Angus Bulls
6 to 12 mos. old. Good quality and breeding. Sired by Prince Blackboy 2nd, Farmers' prices. H. A. WRAMPE, YATES CENTER, KAN.

Oakleaf Aberdeen Angus Farm
10 of the best bulls we ever raised, 9 to 12 months old. Sired by REVOLUTION'S BLACKBIRD L. Out of our best breeding cows.
E. A. Latzke & Son, Junction City, Kan.

HEREFORD CATTLE

Ely's Hazlett Bred Herefords
30 bull and heifer calves. Out of dams by Hazlett bred bulls and sired by the great bull RUPERT TONE 19th. Also bred cows and heifers. Sired by and bred to Hazlett bulls. 225 in head. Inspection invited.
R. D. ELY, ATTICA, KAN.

POLLED HEREFORD CATTLE

Willow Creek Polled Herefords
Bulls from 8 to 20 months old, heifer calves and bred cows. Sired by or bred to Pawnee Bull 20th, Prince Bullion 1st, Plato Domino 9th. Excellent polled heads and straight legs. "Our cattle speak for themselves."
JOHN RAVENSTEIN, BELMONT, KAN.

PERCHERON HORSES AND RED POLLED CATTLE

Reg. Percheron and Red Polled
DISPERSION SALE
10 Miles Northeast Pomona, 15 Northwest Ottawa, Kan.

Tuesday, Feb. 14

10 Percherons, 3 stallions including CASINO 2nd (215834), 7 mares, good individuals and regular breeders. Sired by Neville and Casino. All in foal.
28 RED POLLED cattle, 18 cows, 4 heifers and 6 bulls, 1 saddle mare and colt. I have bred Percherons and Red Polled for 54 years.

COBURN HERD FARM
Mahlon Groemiller
Pomona - - - Kansas

ANGUS CATTLE, HAMPSHIRE HOGS AND SOUTHDOWN SHEEP

LONJAC ANGUS BULLS
Bulls of serviceable age by General 6th of Page. Also Hampshire fall boars. Will offer a little later gilts and Southdown rams. Farmer prices. Write today for description and prices or visit farm. Write J. D. HOOTEN, Mgr., LONJAC FARM, LEES SUMMIT, MO.

When the Demand Is Good Livestock Advertising Pays Best

The buyer pays for it, not the seller. Material for February 25 issue of KANSAS FARMER should be in office by February 15. Address
KANSAS FARMER
Livestock Advertising Dept.
TOPEKA, KAN.

Awards at Farm and Home Week

By TUDOR CHARLES

FARM and Home Week at Kansas State College has grown from a meager start, shortly after the Civil War, until it now is one of the outstanding educational meetings of the year. Thousands of farm people gather in Manhattan, and tax the capacity of the city and the college to accommodate them.

Five state poultry championship awards for 1938 were announced on Poultry Day, which was Tuesday of this week. The champions were Mr. and Mrs. William Bauer, Clay Center, approved flock group; Mr. and Mrs. Willard Colwell, Emporia, certified flock; Mr. and Mrs. John Deschner, Hesston, approved turkey flock; Mr. and Mrs. Jonas Voran, Moundridge, poultry management; and Mr. and Mrs. Edwin Gepner, Clyde, poultry brooding. Attractive awards, in the form of silver platters and pitchers, were given by the Kansas Poultry Improvement Association, and presented by R. G. Christie, Abilene, general secretary of the association.

The Voran flock of 467 U. S. Certified White Leghorns averaged 212 eggs a bird for the year and returned \$1.05 labor income for each bird originally placed in the laying house. The Deschners raised to market 294 out of 300 poults placed in the brooders. Mr. and Mrs. Gepner raised 98 per cent of 698 chicks to 3 weeks old, and 93 per cent to 6 weeks.

Two Premier Seed Growers

Kansas premier seed growers for 1938, announced at Farm and Home Week, are Vincent J. Meyer, Olathe, and B. H. Hewett, Coldwater. Medals were awarded these men by L. E. Hawkins, of the Kansas City, Mo., Chamber of Commerce, at the annual dinner of the Kansas Crop Improvement Association on Thursday evening. Only 18 farmers have received this title since the award was first given in 1930.

Mr. Meyer operates 1,000 acres of land in Johnson county, and has produced certified seed of Kawvale and Clarkan wheat, Atlas sorgo, Pride of Saline corn and Kanota oats. He estimates that he has sold 9,200 bushels of seed. Mr. Hewett specializes in producing Tenmarq wheat. He has a combination cleaner, grader and treater which he uses to prepare his seed for sale. His farm, in Comanche county, includes 481 acres, and a third of the land is in summer fallow each year.

A worthwhile meeting for livestock men was held on Thursday, when sorghum grain for each kind of livestock was fully discussed. R. B. Cathcart told the session that good milo or kafir could be used successfully as a horse feed. He said sorghum grains 4 parts, bran 2 parts, and linseed meal 1 part by weight, made a ration similar to oats. The grain must be rolled or coarsely ground.

An open-minded discussion of the hog breeding business was held Wednesday. C. H. Walker, Poland China authority, chose as his subject, "What



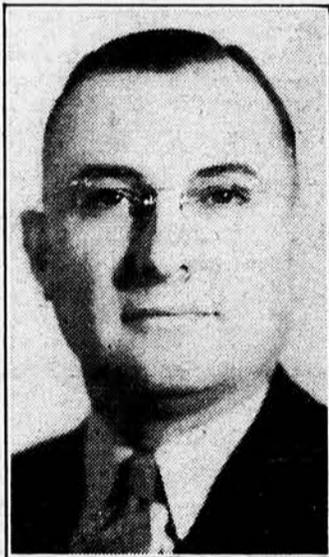
B. H. Hewett, Comanche county's new premier seed grower, produces certified Tenmarq wheat.

Is the Matter with the Purebred Business." He predicted the pedigreed hog had to begin standing on its merits as a superior producer of pork or farmers would turn away from it. He thinks too much stress has been placed on showing points and fads in type and not enough on rapid pork-making ability.

E. C. Quigley, Hampshire breeder of St. Marys, told how he has produced and sold purebred hogs to advantage. He has found the hogs have to be good, have good breeding in their pedigrees, and be able to go out and reproduce money-making market hogs. When they have these things, they sell and sell well, and the ones the breeder feeds for market make money for him, too.

—KF—

National Honor to Kansan



D. Z. McCORMICK
Morris County Agent

D. Z. McCormick, recently elected president of the National Association of County Agricultural Agents, is the first Kansas man to head that organization which is in its 23d year. In addition to his work last year as vice-president Mr. McCormick was chairman of both the states affiliation committee and the program committee. He also served as vice-president of the National Association of Extension Workers.

Mr. McCormick is county agent for Morris county where he has been employed for 13 years. He finds time to serve as superintendent of the beef cattle department at the Kansas Free Fair in Topeka each year, and to manage semi-annual sales for the Morris County Hereford Breeders' Association.

Morris is one of the leading Farm Bureau counties in Kansas, and Mr. McCormick was instrumental in organizing farmers there to obtain the first C. C. C. camp for soil conservation in the state.



Premier seed grower Vincent J. Meyer and the seed cleaner which is an important part of the equipment used in the seed room on his Johnson county farm.

See This New Model "K" Combine at Wichita

NEW Simplicity NEW Capacity

IN GETTING AND SAVING CROPS



Now you can get Case Quality in a combine with rub-bar cylinder and auger-type header. It's a motor-lift header, too—raises and lowers from skimming the ground to 32 inches high by power of combine engine. Controlled either from tractor seat or combine platform. Header adjustment does not affect level of thresher, balanced and cushioned on two easy-rolling rubber-tired wheels.

From the straight-line sickle drive to the streamlined straw handler, the Case Model K is built for high capacity with low upkeep. It cuts a 12-foot swath, and has full 32-inch width for threshing, separating, and cleaning by the famous Case air-lift method.

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You don't have to be an expert to see that the Case A-Six is no ordinary small combine. Never before has any combine in the six-foot class had so much capacity for thorough threshing, so much ability to do the job right in rank, tough and tangled grain . . . plus ten full feet of straight-back straw travel to coax out contrary kernels . . . plus compact construction and convenient operation unequalled in any size or at any price. Send today for candid camera story of the "K," the A-Six, or both.

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See These New Combine Creations at Wichita

Here's a good chance to see both these great combines, also the Case Motor-Lift Model C, and compare them with all others. Come to the Tractor and Power Show at Wichita, Feb. 21 to 24. Hear what "Susie" has to say in a brand-new tractor talkie at its first public showing in Wichita. Other screen attractions in the Case Little Theatre will include "Harvesting the Easy Way" and "What Will Your Harvest Be." Above all, see a ten-year-old Case tractor torn down! It's a positive revelation of the secrets of long tractor life and low upkeep.