

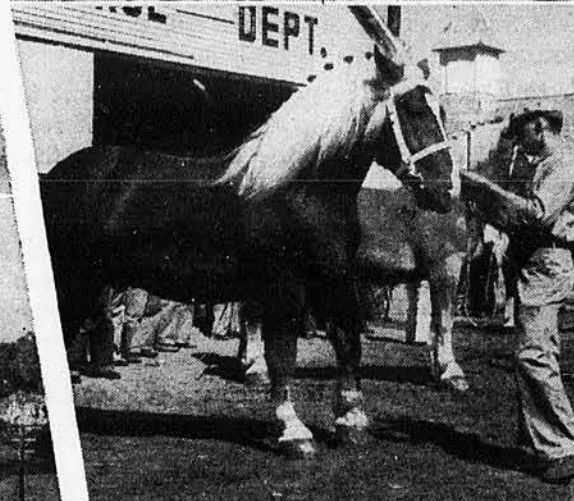
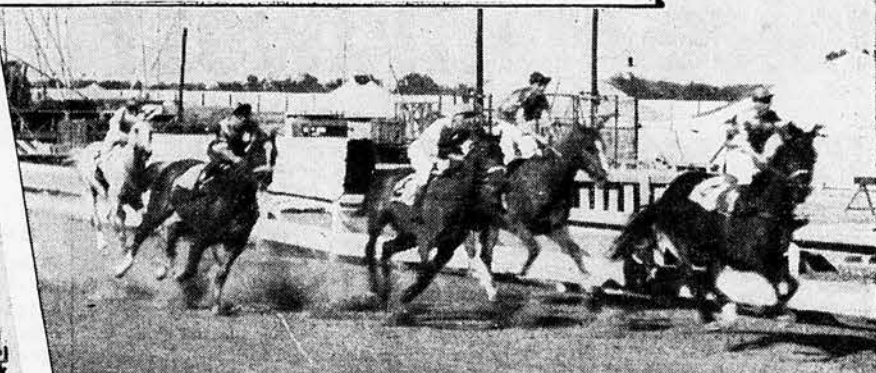
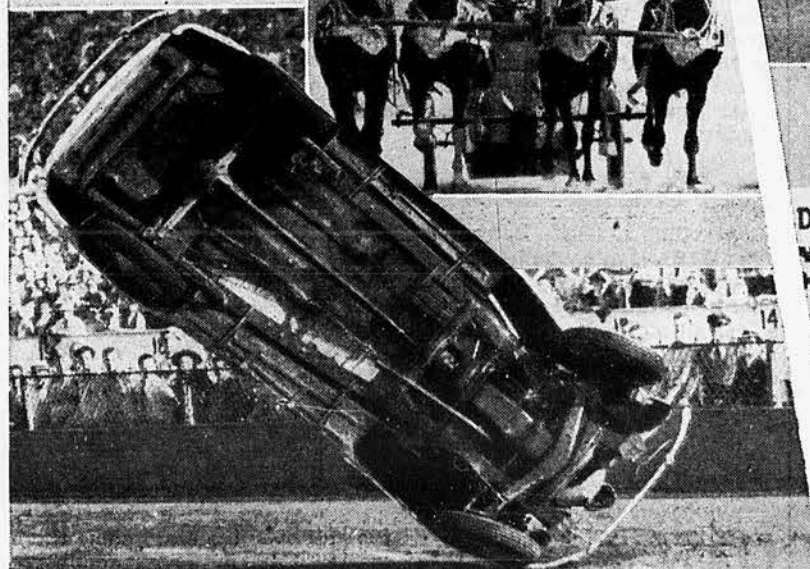
SEPT. 7, 1940

KANSAS FARMER

MAIL & BREEZE



KANSAS STATE FAIR Hutchinson, September 15 to 21



KANSAS FREE FAIR Topeka, September 8 to 14



Standard's motor oils



choice of midwest power farmers



... "and I can tell you why!"

• "YES, SIR, there's a mighty sound reason why so many more power farmers buy their motor oils from Standard. It's *economy* from start to finish, that's what it is, and believe me you'll be amazed when you find out how many ways these popular motor oils will cut your lubrication costs.

* "Among more than fifteen hundred farmers recently interviewed in eight representative states, regular users of motor oil sold by Standard Oil Company outnumbered by more than three to one the regular users of motor oils sold by any other single oil company. Well, it's a fact, and the main reason for this popularity is *economy*, as I said before.

"So why not switch to Standard today? Let me come out to your farm and show you with facts and figures what a lot of real money you can save if you choose any one of the three fine motor oils I have on my truck."

ISO-VIS This long-lasting, tough-bodied motor oil, though premium priced, is preferred by many power farmers because it is rich in the qualities which add extra long life to farm machinery and cut maintenance as well as lubrication costs.

POLARINE For more than thirty years this medium-priced, high-quality motor oil has been the choice of thousands of prudent power farmers throughout the Middle West.

STANOLIND This low-priced motor oil is the popular choice on mechanized farms where Standard quality and uniformity are desired at minimum cost.

And when in town, always remember you can get these high-quality lubricants from your Standard Oil dealer, too.



Copr. 1940, Standard Oil Co. (Ind.)

Mark Hens at Culling Time

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

WHILE without a doubt poultry stealing will continue right along here and there, it is encouraging to know that scores and scores of thefts have ended with the recovery of the property and the conviction of the thieves largely as a result of the Capper poultry marking system. These statements from Kansas Farmer readers are typical of more than 100 on file with the Protective Service:

"We decided to get a search warrant and search their place. In doing so, we found the chickens penned in a small building on the farm. Sheriff Worman examined them and found that they had been marked with the Protective Service mark No. 68 which is my mark."—Victor Gabriel, Wathena.

"The thief got out of the hen house and was on the railroad right-of-way going west where he was met by Undersheriff Slotman and captured with the hens on his back. I identified the hens by my Protective Service mark No. 52 CP."—William Brocker, Paola.

"The sheriff used our stolen chickens for evidence. We think the Protective Service marking system is certainly the thing."—Louis A. Hamel, Zurich.

In view of the results accomplished to date in marking poultry, we believe it advisable for all farmers who have not already done so to mark their hens with the Capper marking system at the time they are culled and penned up for the winter.

Wheat Thieves to Prison

Recently Kansas Farmer paid a \$25 reward for the conviction of 2 thieves on a charge of stealing wheat from Service Member Henry Stover, Beloit. Stover gave Tom G. Baldwin, Beloit, credit for helping bring the thieves to justice and recommended that the Kansas Farmer reward of \$25 be divided equally between himself and Baldwin.

Cattle Stealing Halted

According to Olivia Baxter, Cheney, 30 or 40 head of cattle had been stolen from that community during the few months before a thief was captured on a charge of stealing from the Baxter pasture. The thief later was convicted and given a prison sentence several



months ago and no more stealing has been reported near there. Kansas Farmer believes the \$25 reward paid to Mrs. Baxter, Willis Craig and T. L. Northcutt for the part they took in this conviction was well spent.

Finds Wringer at Junk Yard

After searching several days for a Maytag washing machine stolen from his premises, Fred H. Davis, R. 2, Neodesha, found the wringer in the weeds near a junk yard. This was the first clue, but it led to others and finally to a confession of guilt. The thief was required to serve a 60-day jail sentence. For this good job of aiding in law enforcement, Davis was paid a \$25 reward by Kansas Farmer.

Stealing Career Curbed

Court records in Jackson and Wilson counties show that, in one week, Louis, Albert and Francis Lister stole a shotgun, revolver and some eggs from McKinley Bottom, Havensville; a Chevrolet car from Asa Freel, Soldier; chickens, clothing and a watch from Mrs. Bettie Puckett, Benedict. These criminals, during the same period, stole from other persons in Greenwood and possibly another county or two. Thru the efforts of Sheriff R. E. Singer, Jackson county, and Sheriff C. O. Vice, Wilson county, these men were captured and taken to Lansing and Hutchinson prisons. The \$25 reward, paid by Kansas Farmer, was distributed among the 3 service members whose names have been mentioned.

To date in its war against thievery, Kansas Farmer has paid out a total of \$30,812.50 in cash rewards for the conviction of 1,302 thieves who have stolen from the premises of members.

Hog Feeders Have a Day

OCTOBER 19 has been set as the date for the annual Kansas Swine Feeders' meeting, which is held each year by the department of animal husbandry at Kansas State College, according to Prof. C. E. Aubel, in charge of swine investigations at the college.

Several outstanding events will feature the day, 3 of which will be: First, addresses by persons prominently identified with the livestock industry; second, reports concerning swine feeding experiments which have been completed in the past year; and third, special demonstrations of meat and practical hog management.

In the morning there will be a special program at the swine barn and an opportunity to inspect the college swine herd. There will also be a showing of the fat barrows that will be shown at the American Royal Livestock Show, and the hogs fed experimentally the past year will also be on exhibition, and a demonstration of forage pastures for swine.

At 1 o'clock in the afternoon a speaking program by nationally known livestock men covering the hog outlook for 1940-41 and other phases of hog production will be discussed.

Swine Feeders' Day is an annual occasion at the college and farmers from

all over the state come there to learn first hand the results interpreted by the station's staff members, and to see the pigs used in the experiments. The hog raisers of the state cannot afford to miss this year's meeting.

Everyone interested in hog production problems is cordially invited to participate in the meeting and is assured of an interesting and profitable day.

Keep Crop Records

Successful farmers must know soil, crops and the weather, for it takes a combination of the three to put dollars in the bank. A little booklet, "Crop and Weather Diary, With Rotation Record," helps you to arrange your farm for more efficient rotation, and provides space for a crop and weather record. Nothing could be handier, nor more useful! This booklet is given free by the DeKalb Agricultural Association. For your copy, write card or letter to Farm Service Editor, Kansas Farmer, Topeka.

Farmers take lead in STATE FAIR DRAMA

Finest cattle in the state appearing in county show herds provide a feature attraction at the Kansas State Fair each year. Below is the winning group of 1939.



AS THE 1940 Kansas State Fair blossoms out at Hutchinson with a week of colorful drama September 15 to 21, Kansas farm people will be the leading actors. State fairs might well be called the "All-American farm events," so it is fitting that livestock, crops, prize cooking and other similar exhibits will claim a lion's share of the \$32,000 offered in cash awards at Hutchinson this fall.

For instance, the cattle department alone offers nearly \$15,000 for winners in 9 different breeds of beef and dairy cattle. Again this year the county show herds will be a special attraction as they bring top individuals from herds thruout the state. Final rounds of the State Dairy Cattle Judging contest sponsored by

Kansas Farmer Mail & Breeze, will be held at this fair. The contest offers \$240 in cash prizes to farmers and dairymen who match their judging ability.

Increased interest in sheep production over Kansas is expected to be reflected in the sheep department, where more than \$1,000 is offered for sheep and wool exhibitors. The horse, mule and jack department promises a large exhibit covering 7 different breeds.

Something new in the swine department is announced by Carl G. Elling, superintendent. After market barrows are judged on foot, the winners will be slaughtered and

judged in carcass form. This will be done early in the week, so that winning carcasses can be on display during most of the fair. It is expected that substantial amounts of prize money offered for winning carcasses will encourage barrow exhibitors to enter a record number for this show. In all, nearly \$3,500 will be available for hog showmen this year.

S. M. Mitchell, secretary of the Kansas State Fair, expects the greatest livestock show in years because of an open week for Hutchinson on the state fair circuit. It will be the first time this fair has not had to compete with some other important fair for the nation's finest show herds.

Exhibits in agriculture, horticulture and field crop departments will prove the possibilities of Kansas diversified agriculture. These departments offer nearly \$5,000 for best products raised in Kansas fields, orchards, and gardens.

All fairs center around youth, and this factor plays an extremely important role at the Kansas State Fair. Some 800 4-H Club boys and girls in the attractive new encampment building always present a scene of activity thruout the entire 7 days, as they work, play and compete for \$5,000 in prizes offered to them alone.

But 4-H clubsters are not the only youths to participate in this year's fair. Many departments have junior divisions which are open to exhibits from all boys and girls of Kansas. Junior gardeners, youthful artists and those interested in other [Continued on Page 17]

Kansas Free Fair Offers GOOD TIMES FOR ALL



Come on and join the fun, invite Frank, Clyde, and Jack Smetzer who had their share of excitement at the Kansas Free Fair last year.

WHEN you attend the 1940 Kansas Free Fair at Topeka, September 8 to 14, you will pass into the fairgrounds thru an elegant new front entrance. Carefully designed to match the beautiful \$65,000 Temple of Agriculture dedicated last year, this entrance will provide a cheery welcome to the thousands of Kansans who stream into Topeka for the popular fair events.

Once inside the gate you will find yourself in a fairyland of fun, excitement and all around, genuine entertainment. Fair officials promise the greatest array of entertaining features ever collected together at this place.

It will start off with a colorful Patriotic Day on Sunday, September 8. American legion bands and drum corps from all over the state will be on hand to provide music thruout the

day; the afternoon grandstand entertainment will be provided by Hoagland's International Circus and Hippodrome thrill program. This group will present an afternoon of excitement including chariot races, auto polo, horse push-ball, and similar attractions.

For the first time in the history of this fair, the night show will start on Sunday. This year's show, called "Music on Wings" is rated at the top of all night show programs available for state fair programs. It is a colorful presentation, featuring circus acts, music, dancing and comedy.

Fifty double-length railroad cars will haul in the gigantic midway attractions presented by the Rubin and Cherry Company. Known as the "mile long mirth zone" their shows include 102 feature attractions, with a tented city of

18 theaters and 30 sensational rides. A total of 125 circus wagons are used with the shows of this company.

The 1940 Kansas Free Fair will include 2 thrill days instead of one as in past years. The first thrill attraction is on Monday afternoon, when the grandstand audience will see Captain Bob Ward, who was a popular entertainer at this fair a few years ago. On Saturday afternoon, Captain R. C. Frakes and his Death Dodgers will virtually "take their lives in their hands" to present a series of stunts including one in which an airplane is crashed into a house before the grandstand crowd.

The roar and dust clouds of auto racing will be seen by grandstand crowds on Thursday and Friday afternoons. This follows 2 days of horse racing featured [Continued on Page 17]

I OWN land in Kansas and pay tax on it. I heard that if I move to Colorado or some other state, they would also collect tax again on this land. Is that true?

What property rights has a married woman in Kansas?

If she inherits some land from her parents and has it in her own name, can she sell it or deed it away without her husband signing the deed? She and her husband borrowed some money from her parents 24 years ago, and were to pay it back in 8 or 9 years. They gave a note and both signed it, but never paid it—not even the interest.

Parents died long ago. They left a will, stating that this money was to be taken out of the daughter's share. Heirs divided the property. The note wasn't paid. This woman told administrator she will pay it as quick as she sells. Judge says note isn't outlawed because it was stated in the will it was to be paid. Can this money be collected, or is it outlawed?

Who gets this property if man and wife have no children? When either one dies, does wife or husband get all, and the relatives nothing? Can husband will or deed all property from wife?—L.

Answering your questions in their order—No, the state of Colorado could not collect taxes from property owned and held in the state of Kansas.

A married woman has exactly the same property rights, in Kansas, that her husband has, altho many of them permit their husbands to do the entire managing and to have the title all in their own names, but the married woman has the legal right to manage her business herself, just as her husband is allowed to do, and she cannot be held responsible for his indebtedness. In fact, she has the advantage of him there, because he may be responsible for her indebtedness, when she is not for his.

If she inherits land, while she has the entire right to manage and control this land, she cannot give a good deed to it without her husband's joining in the deed, for this reason. The husband has what is called an inchoate right in his wife's property, just as the wife has an inchoate right in her husband's property, so that neither one of them can make a clear deed for more than one-half of their property, because the Kansas statute forbids either one of them willing away from the other more than one-half of his or her estate.

Of course, in case the wife and husband both sign a note, as they did in this case, both are obligated, and the parents would have the entire right, in willing their property, to deduct, from the daughter's share of the estate, the amount of this note. I think the judge is correct in saying that the note was not outlawed. It was given to the parents, and the parents

Awake, America!

By ED BLAIR
Spring Hill, Kansas

Awake, America, and see
The mangled rights of Liberty;
Where despots reign—where asking why
Means that the questioner shall die!

Ships from the air drop bombs below
On sleeping babes, while mothers go
Half starved from hunger unappeased
From burning homes the tyrants seized.

America! Home of the free
Thy bugle note means Liberty
To those who now dare and defy
And all that heed the warning cry!

Comment

By T. A. McNeal

would have the right, in willing their property, to deduct the amount of this note.

Under ordinary circumstances, of course, the note would have been outlawed.

Where a man and wife die, leaving no children, the property would be heired, equally, by the relations of the man and wife, if they held it jointly.

You understand, of course, that when a man and wife have no children, when one dies the other inherits all the property, whether the property is in their names jointly or whether it is held by one of them. But, if the property is in the husband's name, and the wife dies, then he, of course, becomes the sole heir of the property, and at his death, in that event, the property would descend to his relations—not to hers.

On the contrary, suppose that he dies first, then all the property goes to his surviving wife, and in the event of her death, the property would be heired by her relatives, according to their relationship.

May Sell Half

A IS the husband and B the wife. They have a farm in Kansas but the deed is made in A's name only. Can A sell or mortgage this farm without B's signature?

Can A's creditors take this land and leave nothing for B? Does B have any right to any of the returns off this farm? B helped A acquire the money to purchase this farm.—L. W.

A, the husband, could not sell and give a good deed to any land owned by him in Kansas without his wife joining in the deed. If the land is not a homestead, he might sell a one-half interest in it, but not more than that.

Might Present a Bill

MY AGED mother has been with me for a number of years. I have cared for her to the best of my ability. At different times, a nurse should have been caring for her, but she, not wishing, and not being able to hire one, I did my best.

Now, the Federal Land Bank is foreclosing on the farm, a will having been made by my father, leaving a life interest to mother. Then, the farm goes to the children, but what I wonder is how I can go about to get paid for caring for mother.

Should I present a bill to the mortgage company, or wait until the place is sold, then get it out of that, if it sells for more than against it? I do not mind what I have done, only wish I was financially able to do more, but there are others in the family and she has always lived with me. Hope you can explain this to me as I sure need the pay and feel it is justly due me.—E. L. T.

The mortgage company, of course, will not be obligated to pay you for your care of your mother.

If you had a contract of any kind with your mother or with your father, by which you were to receive compensation for caring for your mother, then you could present your bill to the estate when the estate is administered, and the court would, I assume, allow a reasonable bill.

But, the probability is, if there is nothing but this mortgaged farm, that it will not sell for more than enough to satisfy the mortgage, and the costs of foreclosure.

You, as one of the heirs, would, of course, after the foreclosure of this mortgage, have the right to redeem it within 18 months from the time this mortgage sale was held, and is confirmed by the court. But you would have no ground for an act against the mortgage company.

See That Land Sells Well

A LOAN company has foreclosed a mortgage on a farm and will sell the farm at public auction. If the sale does not amount to the mortgage, can the company attach another farm owned (which is not mortgaged) by the former owner of the mortgaged farm for the amount of the mortgage? What is the law on this?—A. G. C.

The legislature of 1933, in an effort to do away with deficiency judgments enacted a law which gives the judges of the court trying the foreclosure proceeding the right to refuse to confirm the sale unless the property sells for what he considers a fair amount.

Then the statute goes further and says that if the sale is sufficient to cover the judgment, the court costs, and the taxes, that may be considered as a sufficient amount.

Now, this does not positively require the court to refuse to confirm a sale, unless the land sells for enough to satisfy the judgment, but that was the intention of the law, and I think that it is lived up to by virtually all of the district courts of the state.

Under the old law, where deficiency judgments were taken, that deficiency judgment might be levied upon any property of the defendant, that is, the mortgagor, that is not exempt property.

For example, it could not be levied upon a homestead, but if the mortgagor owned a homestead, if both the husband and wife had signed the original mortgage judgment, in that case, an action could have been taken against both of them, and the judgment could be levied upon this land, which is not part of the homestead.

If this foreclosure has not taken place, I would suggest that when the time comes to sell the land under the foreclosure, the mortgagor have some one there to represent him, and see to it that the land is sold for enough so that there will be no deficiency judgment.

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Farm Matters

1940
KANSAS
HAYES

KANSAS farmers' most vital interest in the present European war, next to the United States keeping out of it, is in an early end to that war.

General farming sections in the United States are benefiting somewhat from the industrial upturn due to European war orders and national defense expenditures by the United States. Purchasing power of workers in industrial centers is increasing as a result.

But producers of wheat, cotton, tobacco and pork are losers so far, and I cannot for the life of me see much hope for increased export trade in these commodities under present European war conditions.

There is in sight a serious food shortage, perhaps famine, for much of continental Europe this late fall and winter, if the war continues. Ordinarily that would mean a strong European demand for surplus farm products from the Americas. But continental Europe is blockaded by Britain, and it is not likely that the English will consent to lift the blockade to allow foodstuffs to get into that part of Europe under German control. And England will take as much wheat and pork as it can from Canada rather than from the United States, saving its credits in the United States for armament purchases.

It is fortunate for our wheat growers, under conditions as they are, that the national Farm Program includes commodity loans and parity payments for the surplus crops, including wheat. There is virtually no world market for wheat today, and there is a more than sizable surplus in the United States. So the loans and parity payments promise to come in right handily in 1941, as they are this year.

Two very good friends of mine, and of the American farmer, are opposing candidates for Vice President this year. Both Senator Charles L. McNary, of Oregon, the Republican nominee, and former Secretary of Agriculture Henry A. Wallace, Democratic nominee, have formally accepted the nominations. The acceptances caused as little surprise to the country as the formal notifications did to the candidates, I might remark.

I think Secretary Wallace has done as good a job as he could for the farmer in the last 7

years. I know he has conscientiously done his very best; he is that kind of man. But the fact remains that farm prices and farm income have not responded to the Wallace program. And, in the long run, as I have said many times before, neither national prosperity nor agricultural prosperity can be attained by following a program of scarcity. Secretary Wallace didn't have the right program, but I want to give him due credit for doing his best; also to tell you that I hold him in high esteem personally.

The Republican party made an exceptionally good choice for Vice President when it nominated Senator McNary. I have worked with him in the Senate nearly 22 years, and know his capacities and his ambitions. I still believe that the basic principles of the McNary-Haugen legislation, which he sponsored in the twenties, and which I supported in every way I could, will have to be included in any permanent national farm program that can succeed. Manufactures are so firmly established in our economy that a two price system for industry—a higher domestic than foreign price—is in sight for years to come. Under these conditions, the only out I can see for American export crops is to place them on a two-price system. And that was a basic principle of the McNary-Haugen plan. I cannot commend Senator McNary too highly.

Fortunately both Wendell Willkie and Senator McNary—and the Republican party in its platform—have promised to continue present farm benefits until a permanent and sound farm program can be worked out. So I know that I can support the Republican national ticket with full assurance that I am working in the best interests of Kansas farmers, and all the farmers of the United States.

I did all I could to prevent passage of the Burke-Wadsworth conscription bill in the Senate. I am unalterably opposed to conscription

of our youth for military service in peacetime. I supported the amendment which also provides for draft of industries needed in the national defense if the plant management fails to co-operate with the program. If we are to draft men, I say we also should draft wealth.

The Senate did its best to assure that the conscript army shall not be used to fight Europe's wars. We prohibited the use of these conscripts, and also of the National Guard called into federal service, outside the Western Hemisphere except in possessions of the United States. I don't want our American boys to compose another American Expeditionary force.

This Congress, by the time it adjourns, will have appropriated some 20 billion dollars, half of it for national defense. War preparedness authorizations in addition to appropriations for this fiscal year amount already to more than 15 billion dollars. We face an annual expenditure for maintenance of a two-ocean navy and an army of from 1,200,000 to 2 million men of some 2 billion dollars a year for maintenance alone. There is a pretty heavy pay day coming.

I am not in favor of any pork barrel moves in connection with national defense. I am not taking part in any "give us our share" of national defense expenditures. But I do say that national defense includes balancing our national economy. And that balance should include a decentralization of industry, including war industries, so that as many as practicable of these be located in the Mid-Continent area. The Nation as a whole is going to suffer heavily if the men and resources of the Middle West are all drained to the East and West coastal areas. That is why I am 100 per cent for the objectives of the Midwest Conference which met last week at Kansas City in furtherance of a program to maintain an economic balance between the interior and the coastal regions.

Arthur Capper

Washington, D. C.

FROM A Marketing VIEWPOINT

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

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

Please advise me as to the best time to sell grass cattle this fall.—W. W. L., Sparks Hill, Ill.

Not much change is expected in prices of the better grades of grass cattle. There usually is some seasonal decline during October and November in the price of the common or plainer grades of grass cattle. Good quality cattle which are making good gains need not be hurried to market. Common kinds of grass cattle should go to market before October 1, or at least early in October.

I have some hogs averaging about 225 pounds. How soon would you advise selling them for the highest market?—R. B., Chariton Co., Mo.

Hog prices have shown more strength than usual for late August. Seasonal declines in prices are expected to begin after early September and continue until December. Since your hogs are of good market weight, it would be safest to sell them soon, at least before September 10 or 15.

Will apple prices be higher or lower this season compared with last year?—E. C., Doniphan Co.

A smaller estimated production of apples and higher consumer purchasing power compared with last fall indicate higher apple prices. On the other hand, relatively large supplies of competing fruits and reduced fruit

exports because of the war tend to prevent any sharp advances in apple prices. Prices for early apples are higher than in 1939 and it appears probable that apple prices in this section this fall and winter will be somewhat higher than they were last fall and winter.

What do you think feed and egg prices will be this winter?—F. L., Kiowa Co.

Feed prices probably will be somewhat lower and egg prices slightly higher this winter than they were last winter. Prices of wheat, barley, and grain sorghums are now well below the levels of last winter and no great advance in prices is expected before winter. Corn prices in Central and Western Kansas probably will be about the same as last winter. Egg prices are expected to advance more

than usual this fall and continue at higher levels than a year ago, particularly during December and January.

Trend of the Markets

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

	Week Ago	Month Ago	Year Ago
Steers, Fed.....	\$12.25	\$11.50	\$11.50
Hogs	7.20	6.50	8.75
Lambs	9.25	9.25	10.50
Hens, 4 to 5 lbs....	.13	.11½	.12½
Eggs, Firsts.....	.17¼	.14	.16¾
Butterfat, No. 1....	.24	.23	.20
Wheat, No. 2 Hard ..	.72	.72	.91
Corn, No. 2, Yellow ..	.66	.67	.69
Oats, No. 2, White ..	.28½	.31¼	.38½
Barley, No. 2.....	.42	.49	.56
Alfalfa, No. 1.....	15.00	15.00	14.00
Prairie, No. 1.....	8.50	8.50	7.50

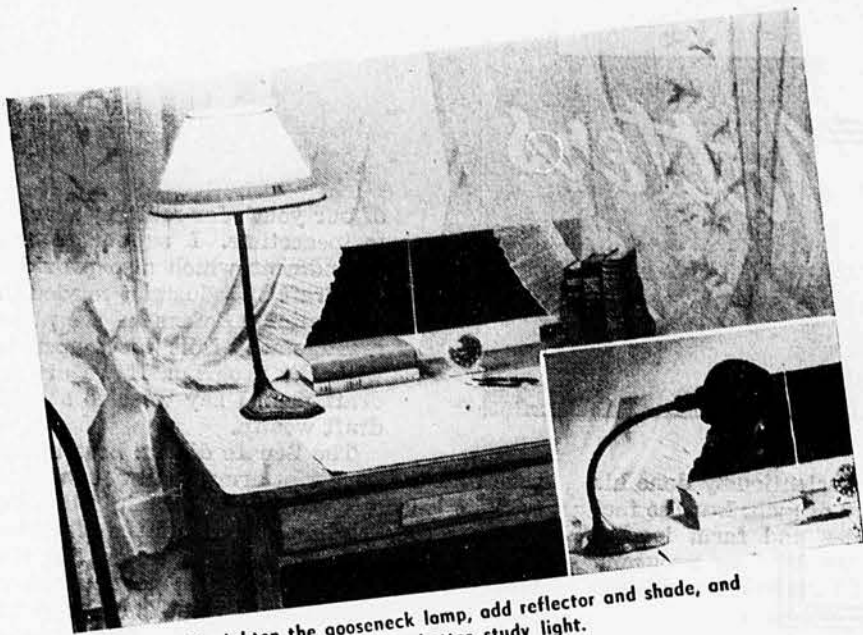


Figure 1. Straighten the gooseneck lamp, add reflector and shade, and you have a better study light.

SEPTEMBER is here again! It brings shorter daylight hours for all; and, to the children, it means back to school. To mother, school days bring added sewing and mending, lunches to pack and the everlasting duty of seeing that lessons are prepared for the following day. This "have-you-finished-your lessons" business can cause many unpleasant arguments all because your child says he's tired. If you—mother and dad—are permitting your boys or girls to read under inadequate, glaring light, I believe they are tired. When your eyes are tired you are tired all over.

Let us live a day with little John and Mary and perhaps we can discover why they go to sleep when they study. They are out under nature's generous abundance of light where their eyes may function with ease when walking or riding to and from school, and playing after school.

In the classroom their eyes may be compelled to function under insufficient amounts of light, or light from bare bulbs and glaring fixtures. This, however, is an investigation for the school board. The kind of lighting John and Mary study by at night at home is entirely up to mother and dad. After a strenuous day and a big supper you expect them to study and not become sleepy. Just what kind of light have you given them; have you thought of that?

The most convenient place to spread out papers and books is at a desk or table. If a desk, there is some kind of table lamp on it. Nine times in ten it is "old man gooseneck" shown in Figure 1, or "young miss decorative" shown in Figure 2. "Old man gooseneck" has found his way on too many student desks and has injured too many eyes. True, this lamp may give a lot of light on the book and paper directly under it, but the light is reflected right back into one's eyes from the page or paper. This concentration of light in one spot is bad because as your eyes look up from the book they must adjust themselves to the darkness around the room. This constant adjustment causes eye and muscle fatigue. The ideal study light is shown in Figure 3. Here is a tall lamp that spreads adequate light over a wide area. The shade is white-lined and covers a diffusing reflector and 100-watt bulb which sends some light downward and some upward to decrease sharp contrast. By the way, mother, this type of lamp, called a Certified I. E. S. lamp, is an ideal Christmas or birthday gift. The initials I. E. S. simply stand for the Illuminating Engineering Society, which made the high-standard specifications for this better-sight lamp.

If an electrical store or department in your town sells plastic reflectors and parchment shades you can make a better reading lamp by straightening the gooseneck,

[Continued on Page 15]

EYES

Go Back to School

By MYRTLE FAHSBENDER



Figure 2. This decorative lamp is a source of annoying glare as you can see by John's frown.

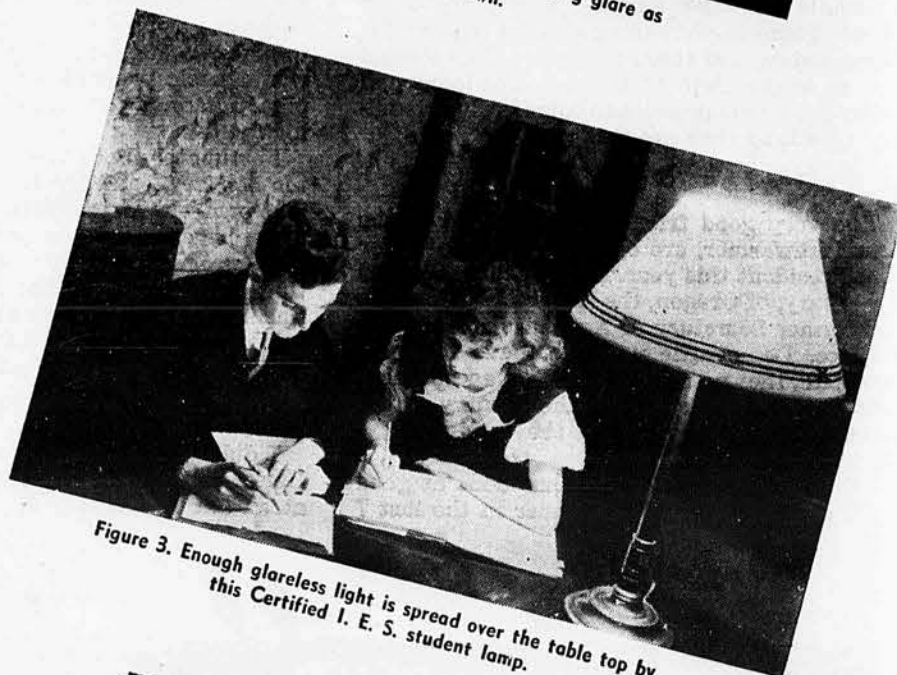


Figure 3. Enough glareless light is spread over the table top by this Certified I. E. S. student lamp.

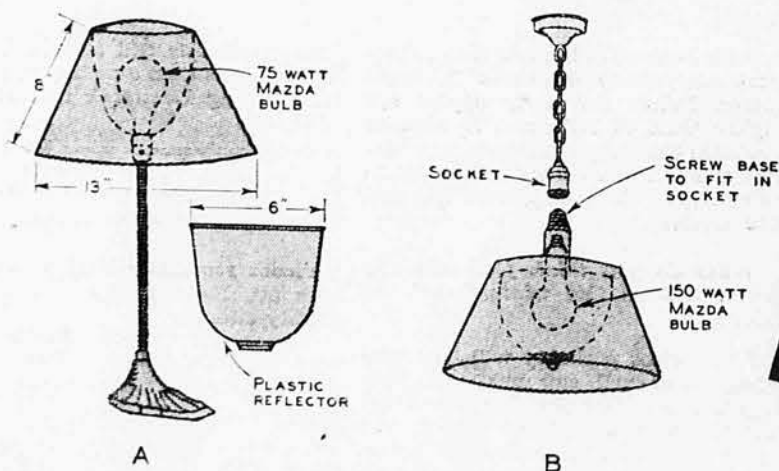


Figure 5. Sketch A shows simple remodeling of gooseneck lamp. Sketch B is an adapter for use over dining or kitchen tables.

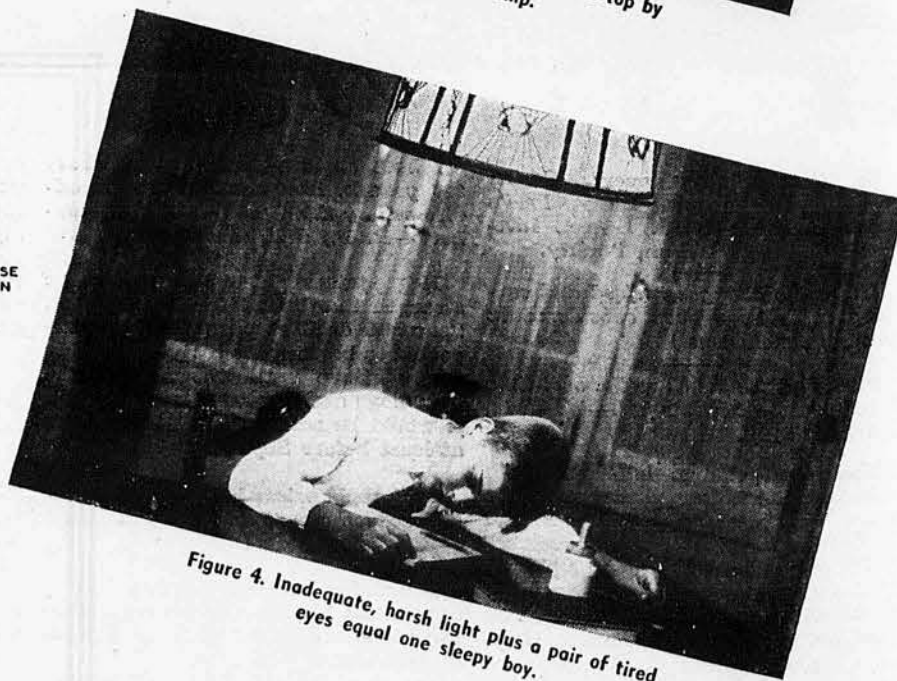


Figure 4. Inadequate, harsh light plus a pair of tired eyes equal one sleepy boy.



[[A Safeway Farm Reporter Interview]] of interest to Kansas Farmers

Joe Hart has six in his family—two boys, two girls, Mrs. Hart and himself. He wants to make as good a living as he can manage for this big family. Also he wants his boys to have a good practical know-how about farming in case it turns out that they want to be farmers themselves. To accomplish these things Joe Hart has planned and laid out a "family size" farm where members of the family—all lending a hand—can do the work. Only at harvest is extra help employed.

The Hart farm is located at Modesto, in the rich, irrigated San Joaquin Valley of California. Buying his land in 1919, Joe Hart first planted it to beans and grapes, then gradually developed his present dairy operation. For several years he has been head of the dairy department of the California Farm Bureau. I certainly enjoyed visiting with the Harts and getting their ideas about dairying and selling. Mr. Hart okehed this interview set up in type just as you read it here

All the Hart cows are purebred or high-test grade Jerseys. The herd averages around 60—35 mature cows and 25 heifers. Daily milk production is about 75 gallons, all of which is sold for market milk, Grade A, to a local distributor.

"We have about 45 acres in feed crops but we still buy some hay," Joe Hart told me. "In summer we use permanent pastures as much as possible—Ladino clover, rye and orchard grass. Winters we feed alfalfa hay plus silage. Of course we also feed concentrates. County cow testing association records enable us to feed scientifically—more for the good producers, less for the poorer ones.

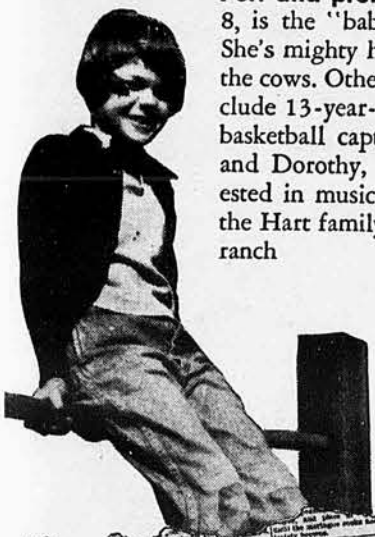
"To keep up with our heavy feed needs we do a lot of double cropping. On some fields we harvest a crop of oats and vetch for hay in the spring, disc up the land and in June sow it to Sudan grass for late pasture or perhaps field corn for silage"

Joe Hart's dairy farm is "family size"



He planned it that way for economy in operation...and to give his boys a trade

Pert and pretty Mary-Jo Hart, 8, is the "baby" of the family. She's mighty handy at getting in the cows. Other Hart children include 13-year-old Frank, a team basketball captain at his school, and Dorothy, 16, who is interested in music. Each member of the Hart family has duties on the ranch



Compactly grouped are the Hart milking shed, cooling room and feeding barn. Manure storage pits below the barns permit return of all manure to the land—a plan that pays him worthwhile dividends, Joe Hart says.

From the spotless 10-cow milking shed with its busy milking machines, the milk goes through a gleaming container to be pre-cooled. It is then put in a refrigerator room until delivery time

Bob Hart, eldest son of the Harts, is already an experienced dairyman at 18. He had the grand champion cow (shown above) in the Modesto Chapter of Future Farmers last year, has won in many local cattle contests. This year Bob has seven dairy cows of his own in a Future Farmers project. Now in Junior College, Bob Hart plans on attending the College of Agriculture of the University of California

YOU MEAN TO TELL ME, LUCY, that 20% richer Lucerne Milk is also fresher, tastier? (MRS. FRANK KRACKE)

OF COURSE I DO, Mrs. Kracke. Why even we cows are amazed at how fast Lucerne Milk is rushed from the farms to city folks—you get it Country Fresh!

Just try it—A richer milk you get delightfully fresh! Press a lump, creamy lump! No it slowly, the tastiest flavor—for sweet, clean, fresh, then you'll know Lucerne milk is really good. Then you'll know Lucerne milk is really good.

The dairy looks on carefully chosen farms supplied with the best of everything. The milk is gathered daily by fast trucks. Short pickup routes and rapid deliveries make sure you get it at its very peak of goodness.

And look! Your quart of Lucerne Grade A is even 20% richer in butterfat content—in cream than the best regular! You know it's the best!

AT SAFEWAY

The steady advertising Safeway stores give milk, at no cost to producers, wins warm approval from Joe Hart. "Selling support like Safeway provides for dairy products gives us producers real help in licking over-supply problems," he pointed out to me. "It's one of the most important factors in helping to get our industry on an even keel.

"Dairying is a year-round industry. It can keep a lot of people at work in this country. Cows must be milked every day, seven days in the week, so the public should be reminded regularly to use milk and other dairy products for health. Safeway's cooperation on the selling end increases my confidence in the future of dairying."

THE SAFEWAY FARM REPORTER

EAT MORE APPLES

By JAMES SENTER BRAZELTON

MISSOURI River Apple Growers, an organization of orchard men, has hit upon a plan for increasing the consumption of apples that is entirely new and promises to be far reaching in its results. The campaign for boosting apple sales in the Kansas, Missouri, Iowa, Nebraska area was launched at a meeting of the organization in St. Joseph, Mo., recently at which it was proposed to enlist the services of the county home demonstration agents in the 4 states, in bringing to the attention of farm housewives the many ways in which apples may be used in cooking.

The idea originated in Missouri and was given a practical test in that state last year. Miss Lorene Smith, home demonstration agent in Audrain county, Mo., was present at the St. Joseph meeting and told of how she had increased the average family consumption from virtually nothing to 3 3/4 bushels over a period of 7 weeks. She accomplished this by holding a series of demonstration meetings throughout her county at which she prepared many apple dishes appetizingly.

She distributed mimeographed recipes for using apples. These she had gathered from many sources. The farm women with whom she came in contact became enthused, went home and duplicated for their families the delicious things they had seen Miss Smith prepare. The result was a marked increase in the demand for apples at the stores. When Miss Smith started her campaign the stores were not stocked with apples, and they were hard to obtain. However, after Christmas the grocers were averaging sales of 25 bushels a week, Miss Smith said.

Successful in Missouri

Work done in Missouri last year is positive proof that the sale of apples can be increased by a carefully planned campaign, and that is why V. M. Dubach, president of the Missouri River Apple Growers, and his advisers have determined to extend the idea so as to include not only Kansas, Missouri, Iowa and Nebraska, but it is hoped the plan will also be adopted by Oklahoma, Arkansas and Illinois.

It is pointed out that such a campaign is actually more effective in getting apples to be used than radio or magazine advertising, and the best part about it is that the good work is accomplished by an efficient set-up that is already in operation. It costs less and accomplishes more than any other form of apple advertising.

E. E. Shields, the newly-elected manager of the Wathena Apple Growers Association, reports a great deal of interest being taken by his growers in the hormone spray which has been found by the Bureau of Plant Industry to be effective in preventing premature drop of apples. This anti-drop spray is made from naphthalene acetic acid and naphthalene acetamide and is sold under various trade names such as "Fruitone" and "Stop-Drop." It is made by at least 6 different spray manufacturing companies and will be available for growers in this county this fall by most all of the firms that deal in spray materials.

Growers who have already determined to give it a trial, in at least a part of their orchards, are: Frank Lehman, George Nold, C. A. Madinger, T. M. Bauer and E. E. Shields. Some companies have placed the new spray on the market in the form of powder. Others sell it as a liquid, in 1- and 5-gallon cans.

Proper time to apply this drop-control spray is just ahead of maturity, and the object is to make such varieties as Jonathan, which drop easily, stick on the trees until they reach their full size and become fully colored so they may be marketed more profitably. Usually just 1 application is all that is necessary to accomplish this and the estimated cost is about 5 cents per bushel. When one recalls the hundreds of bushels that lay on the ground and decayed last fall, 5 cents seems like cheap insurance.

Sparks Holds Picnic

Los Angeles may have its Festival of Roses, New Orleans its Mardi Gras, Kansas City its Jubilesta, but Sparks, Kan., proudly boasts of its Annual Community Picnic which will have its 43rd consecutive session this year. According to John P. Sparks, president of the picnic association, the first one was in 1897 and they have been held continuously ever since, making it the oldest of its kind in Northeast Kansas.

This year's dates were August 22, 23, 24, and 25. The first day was designated, Old Settler's Day. Friday, the second day, was Democratic Day and the principal speaker was Wm. H. Burke, Democratic candidate for Governor. Saturday was Republican Day and Governor Payne Ratner was the outstanding speaker on the day's program.

Girls' soft ball games and baseball games were played each afternoon and each night there was a dance on the new 70- by 44-foot dance floor. Lloyd Hunter's 14-piece orchestra from Omaha furnishing the music. Exhibits of home-grown fruits and vegetables were on display and Mrs. Ed. Kent had charge of these exhibits.

The Sparks picnic has always been popular with the politicians. Every governor of Kansas, all the congressmen from the first district and the United States senators from Kansas have spoken from the platform there for the past 30 years. The list includes the late Vice-President, Charles Curtis; former Secretary of War, Harry Woodring and Congressman D. R. Anthony.

Besides John P. Sparks, others directing the picnic were: Mrs. Grace Robinson, vice-president and chairman of the entertainment committee; J. J. Ruddy, treasurer; Irvin French, secretary; and Max Herring, superintendent of grounds. Loren Stricker, editor of the Highland Vidette, is platform manager.

Mullen Moves Up



Frank E. Mullen, a farm boy born at Clifton, Kansas, has recently been made vice-president and general manager of the National Broadcasting Company. In 1923 Mr. Mullen organized the first radio broadcasting service for farmers ever undertaken in the United States. For 8 years he was director of agriculture for NBC studios, later vice-president of Radio Corporation of America. He is responsible for putting farm programs in a top spot on the radio.

Win - the *GENUINE*

FARMALL Way!




Farmall farming is a peaceful mechanization by which American farmers are controlling all their power operations, all their crops, in all the four seasons. The Farmall-M is shown, with 3-furrow Little Genius Plow.

• Hundreds of thousands of farmers and their sons have found farming much more interesting and profitable since International Harvester announced the Farmall System of Farming over 17 years ago. Farsighted owners everywhere have built their success year after year on the practical performance of genuine Farmall power and equipment. Many have disposed of their last horse or mule, and their reliance on Farmall has been well rewarded through the years.

Today, more than ever, the Farmall System—sound, modern, up-to-the-minute!—is your safe, common-sense choice. There is no need to experiment with untried principles.

When you choose one of the four new Farmalls you get low-

cost power from an overhead-valve engine that is *the envy of the industry*. You get the comfort of "Culti-Vision." You can have easy, quick control of equipment with "Lift-All." You get today's most modern tractor—built by the world's leading tractor builder.

You'll Be Proud to Say, "I OWN A FARMALL!"

All summer long, farmers have wanted more Farmalls than our great tractor factories could build. Be sure—be safe—choose your Farmall now. The International Harvester dealer will deliver it in time for fall and winter work, well ahead of your big spring rush. He will demonstrate whenever you say the word.

Harold Jones of Chariton, Iowa, is doing a fine job of deep plowing here in tough sod. His tractor is the plucky new Farmall-A which is filling all power needs on thousands of small farms today. Harold operates 120 acres, and he has no horses on his farm. He planted 65 acres of corn this year with direct-connected planter, cultivating it with this "Culti-Vision" tractor.

Four NEW Streamlined Beauties Head Up the FARMALL SYSTEM OF FARMING TODAY!

INTERNATIONAL HARVESTER COMPANY
180 North Michigan Avenue Chicago, Illinois

EXCLUSIVE FARMALL FEATURES
"Lift-All" "Culti-Vision"

WORLD'S FAIR COVERS THE FARM

By ROY FREELAND

IF YOU were dropped suddenly into the dazzling color and magnificence of the New York World's Fair, you might blink in amazement and decide immediately that the whole affair is completely unrelated to quiet, practical living on a Kansas farm. Such is the natural first impression of this great exposition in which hundreds of acres are covered with elegant, modernistic buildings, glorious lighting effects and exhibits which represent millions.

But this first impression is soon altered. Fact is, the entire exposition centers largely around exhibits which are closely related to agriculture. At least it seemed that way to farm editors and publishers who were entertained by fair officials and exhibitors during the first 2 days of "Farm Week," August 12 to 18.

Visiting farm folks were shown behind the scenes of scientific developments and progress which promise to virtually revolutionize certain phases of farming and farm living. One of the most obvious trends was the display of new uses for crops and products of the soil. For instance, at the DuPont exhibit an attractive young lady was attired in clothes made completely from products of the soil.

At the same exhibit, skilled workers showed a new paint that cleans itself. The paint does this by forming a powder on its outer surface; rains wash away the powder and all dirt that has collected is carried off along with it. Just as significant from the farm point of view were demonstrations showing how newly developed chemicals can put an end to house flies and termites at rapid speed.

Keeping in step with the trend of rural electrification is a modern "Electrified Farm" right on the fair grounds. Farm women paid special attention to the farm kitchen where comely misses perform "magic" with handy electrical appliances. One of the particularly new ideas is a 2-temperature refrigerator. It has one compartment which maintains a temperature below freezing, for keeping frozen foods. The other compartment in this refrigerator maintains the customary 45-degree temperature for general use.

Another device appropriately called an "electric pig" automatically disposes of garbage. Installed in the sink drain, it uses electric current to destroy all objects except tin, glass and paper. On this same farm, men can watch the performance of an electrical soil sterilizer, invented by a farmer to rid the soil of weed seeds and plant diseases. Electrically heated hotbeds, poultry and dairy equipment and all the other electrical farm helps were "doing their stuff," the modern way.

Looking into the future, a demonstration at the General Motors exhibit

revealed that you may soon be frying eggs on a refrigerator, you may have your newspaper printed at home, and you may see your neighbors as you talk to them by telephone. A neatly dressed gentleman fried an egg on what he called a "frigotherm," which is cold enough that it keeps ice cream solid. By means of a special electric current which changes direction 10,000 times a second, the machine absolutely cooks without heat.

Explaining recent developments in sending of photos by telegraph, it was related we may eventually have news receiving sets just as we have radios now. The sets would receive and print current news and photos. Closely related is the development in television which may be attached to your telephone so you can see the person you talk to by phone.

Thruout the entire exposition, spectacular exhibits pull aside the curtain so we may have an advance look at developments which may affect our homes and our work in future years.



Banquet for visiting farm press men, whose visit ushered in Farm Week at the New York World's Fair, was held in the Ford Exposition. Roy Freeland, associate editor of Kansas Farmer, is third from the right.

At the Bell Telephone exhibit is a machine that can speak perfect English when it is operated in a manner similar to that of using a typewriter. It can even sing. The Firestone exhibit makes tires so fair visitors may see all the different steps involved.

The Ford exhibit attracts particular

interest from farm people as it demonstrates the many farm products used in manufacturing Ford cars. Workings of other great establishments on exhibit include Swift and Company, Goodrich, Borden Dairy, General Electric, Chrysler Motors and petroleum companies.

Powerful good answers TO YOUR HAULING NEEDS



FORD V-8 TRUCK AND COMMERCIAL CAR FEATURES

Range of 6 wheelbases and 3 engine sizes (60, 85, 95 h.p.) . . . 42 body and chassis types . . . Big hydraulic brakes . . . Full-floating rear axle in trucks (¾-floating in Commercial Cars) . . . New type drive system and two new longitudinal springs in front on regular trucks . . . Semi-centrifugal clutch . . . Improved, stronger cabs, more comfortable seats . . . Increased engine and chassis accessibility in trucks . . . Straddle-mounted driving pinion . . . Needle roller-bearing universal joints on all trucks . . . New impressive styling . . . Sealed-beam headlamps . . . Large payload space . . . Ford low operating costs . . . Ford low upkeep costs with factory exchange parts plan.

FORD TRUCKS give operators one big advantage in providing the V-8 engine size needed for any particular job. They also give another advantage. These trucks are "tailor-made" to the needs of the job, with a wide variety of wheelbases and body-types.

Test one of these units on your job, and you'll discover a third advantage: Ford V-8 money-saving, profit-building economy that includes both operating and maintenance! Arrange for this "on-the-job" test today. You'll find that today more than ever, Ford V-8 means more ton hauling in less time at less cost!

FORD V-8 TRUCKS AND COMMERCIAL CARS

Apples in Many Ways

Rolled Apple Dumplings, Apple Catchup, and Apple Crisp are 3 of the 17 delicious and easily prepared recipes in our Apple Recipe leaflet. Housewives will be eager to learn of different ways in using and preparing the large crop of apples this season. Also, our pickle leaflet offers many suggestions for those who are using up garden ends in pickles. For instance, Green Tomato Relish and Dill Pickles are 2 good recipes in the leaflet. Kansas Farmer will be glad to send a copy of each of these leaflets for 3 cents postage. Please address your order to Bulletin Service, Kansas Farmer, Topeka.



By LOUISE PRICE BELL

company dish. This is how the ring is made:

Macaroni Ring

1 pound macaroni	1/4 teaspoon pepper
3 eggs	1 cup grated cheese
1 1/2 cups milk	1 tablespoon finely
1 teaspoon salt	chopped parsley

Cook the macaroni, wash, and drain it. Beat the eggs, combine with the other ingredients, add to macaroni and pour into a buttered ring mold. Set the mold in pan of water and bake 45 minutes. Unmold on a hot platter, fill the center with the chicken mixture and garnish with radishes and parsley from the garden.

Chicken Filling for Ring

Cold chicken, cut in pieces (equivalent to meat from a 4 pounder)	1 tablespoon finely chopped parsley
1/2 cup chicken stock	1 teaspoon salt
2 1/2 cups rich milk (or cream if you have extra)	1/2 cup butter
	4 tablespoons flour
	1/2 cup pimiento, cut in pieces
	2 egg yolks

Melt butter, stir in flour and cook until it "bubbles." Add milk or cream, then chicken stock. Cook until mixture is thick, stirring all the time. Add chicken, parsley, salt, pimiento, then the beaten egg-yolks to a small amount of mixture, then that mixture to the whole. Season and pour into the center of the ring, garnishing with paprika on top. Serve at the table as it is very attractive before the first serving is removed.

Chicken Hash

May sound rather ordinary after so festive a dish as the ring mold we've just told you about, but you simply couldn't use leftover fowl to better advantage than in this old-fashioned chicken hash.

1 1/2 cups chopped chicken	1 tablespoon parsley
1 cup diced boiled potatoes	Salt
2 tablespoons fat	Pepper
	1/2 cup stock or water

Mix the chicken and potatoes lightly together. Melt the fat, add the potato and meat, parsley, seasoning and stock, and cook directly over the flame. If desired a little chopped green pepper may be added.

Make Your Own JEWELRY

By RUTH GOODALL

COLLEGE girls started something when they began making their jewelry and dress accessories, for the vogue has spread until we all are doing it—homemakers, business women, even the teen-agers.

A silver teaspoon is bent to make a bracelet, the young things are tinting the rims of their eye glasses, and now we have jewelry made of nuts, match sticks, safety pins and what not, all covered or tipped with brilliant sealing wax. And sealing wax is such fun to work with, too.

Even last year's dress becomes fun to wear if you give it a peppy touch with clever buttons and buckles or original handmade costume jewelry. Would you guess, for instance, that the smart "gold nugget" necklace the young lady in the picture is wearing had been made of—acorns? Just imagine, little acorns, hundreds of which you'll be able to find under any oak tree this fall!

Or steal a handful of kitchen matches from the household supply and make yourself a necklace, bracelet, and other gay costume ornaments with the help of a little string and sealing wax. Surely that's a brand-new discovery that proves the old saying, "You can make something out of nothing."

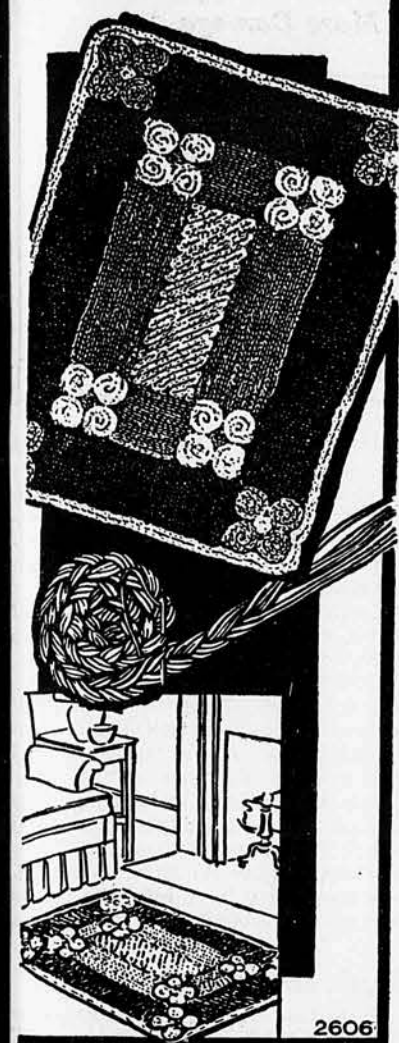
Some of the newest and most thrilling novelties that you see in exclusive shops can be made for a fraction of their prices, and our leaflet, "Make Your Own Jewelry," will tell you how. Address a postcard asking for it to: Ruth Goodall, Kansas Farmer, Topeka, Kan.

DELICIOUS supper dish for Monday night, if you can manage to save it that long, may be made from the chicken left over from Sunday dinner . . . and, of course, the chicken came from your very own brood. It's a hearty enough dish to please the men-folks who boast the largest appetites, too, and you'll find them coming back for "seconds" every time you serve it. Besides, its attractive and good-tasting enough for a



Rug-Making Time Again

THIS ONE IS BRAIDED



2606

Get out your scrap bag or use can-
dlewick or rug yarn for this braided
rug. It's done in easily handled sec-
tions and can be varied in size. Pattern
2606 is 10 cents and may be obtained
from Needlework Service, Kansas
Farmer, Topeka.

So Mother's Time Goes

ONE OF THEM

"Mommie, it's funny," and my shy
little 6-year-old rubbed her little cheek
against my arm, as I sat last night,
mending in the lamplight. "It seems
like everybody would have just as much
time as everybody else, but I guess
they don't. The other girls at school
say their mothers don't have time to

embroider cherries on their school
dresses, or put pink icing on their
cookies, or read stories to them, or
make pink crocheted edges on their
hankies, or write little love letters to
them, or let them fix doll tea parties
after school, or—well, just lots of
things you do. Why?"

And I felt repaid for my full day,
the lengthy phone conversation I had
forfeited, the dawdling over the news-
papers I had foregone and the extra
hour I had gained by setting the alarm
clock an hour earlier. It will seem but
a little while until my little folks are
grown and gone, and then I will have
plenty of time for visiting, and reading
just for the pleasure of reading, and
sleeping an hour later in the morning.

In the meantime, tell me, other
mothers, is it foolish to "waste time"
putting frills on the lives of our small
children?

Then They Can't Slip

By MRS. N. B.

Brassiere and other shoulder straps
that have a habit of slipping and show-
ing or proving uncomfortable can be
disciplined in this way: Select a nar-
row strip of material, about 2 inches
long—ribbon or bias tape is good to
use. Sew one end to the inside shoulder
seam of the dress; then sew one side of
a small snap to the free end of this
strip and the other side of the snap to
the dress. When snapped together you
will have a small loop which will hold
the straps in place and at the same
time let them slip back and forth but
not down.

His Time to Stutter

By A TREE PLANTER

Bright and early one spring morn-
ing I donned my brother's overalls and
started towards the creek with the
spade. I came back hungry and breath-
ing hard, but with a nice little elm.
After a sandwich, I started digging a
young well in the front yard. I was
much too busy to notice Robert Chat-
field, from across the creek, as he
walked up the driveway. "Hello," he
said quietly, "is your father around?"

I straightened up then. He was sur-
veying me calmly—this young fellow
whom all the girls in the neighborhood
were crazy about, this superior being
who was never embarrassed or ill-at-
ease. And me with my red hair string-
ing over my unpowdered face, with
unladylike sweat on my brow, with
overall legs dripping mud to the knees!

Two Women Will Be Honored

HAVE you a friend or neighbor you
would like to see honored as a
Master Farm Homemaker? If you do,
won't you send us her name, using the
blank below. That will put your nom-
inee in line for the honor most coveted
among Kansas farm women—Kansas
Farmer's annual recognition of the 2
outstanding rural homemakers in the
state.
It matters not what worldly pos-
sessions a woman may have... her
age... her "beauty"... her talents.
What she has or hasn't is of far less
importance than the use she has made
of what a kind providence has be-
stowed upon her. Of course, she will
be interested in more than the treas-

ures within her own 4 walls. A good
neighbor, a thinking citizen, she will
recognize her greater responsibilities
as a community home builder. This
being a farm honor, we do require that
she be a homemaker actually living
on a farm in Kansas.

Every community has at least one
woman of the Master Farm home-
maker caliber. Probably you know
even more who could qualify for this
award. Won't you send us the name of
the woman you have in mind? Re-
member, it must reach us before Oc-
tober 1—so do it now. Any and all in-
formation required in making the se-
lection will be kept in strictest con-
fidence, you may be sure.

MASTER FARM HOMEMAKER NOMINATION BLANK

I wish to nominate.....
(Name of candidate)

.....
(Address of candidate)

.....
(Name and address of person making nomination)

All nominations must be mailed to Kansas Farmer, Topeka, by Oct. 1, 1940.

Kansas Farmer for September 7, 1940

The tree is grown now. I had made
up my mind I was going to have a tree
there by the walk, and I did.

Likewise I made up my mind that
someday I was going to make Bob
Chatfield stammer and stutter and feel
as humble as I did that morning. I did.
I learned, finally, that beneath that
poised exterior there beat a fluttering
heart—but by that time I no longer
wanted to humble him. Instead I be-
came that red-haired Mrs. Chatfield!

Sand Frog for Flowers

By MRS. W. O. W.

Wet sand makes an excellent "frog"
that aids one in arranging flowers in
tall or odd-shaped vases, for which no
"frog" is available. I find it so easy to
arrange my flowers, the wet sand
keeps them in good condition and I
never need to worry about such a vase
tipping over.



NEW 1941 PHILCO FARM RADIO

SAVE $\frac{2}{3}$ OF BATTERY
COST AND
CURRENT
DRAIN

At sensationally low cost, Philco
brings you a battery radio with the
beauty, tone and performance of its fam-
ous all-electric sets! Costs less to buy...
less to operate. No wet batteries to pay
for and recharge... no wind chargers.
New Battery Block almost doubles the
capacity at one-third the cost! New tubes
cut current drain two-thirds. New High-
Output Speaker and specially-designed

farm radio circuit give finer tone and
more stations, clearly, powerfully, even
in the daytime! Greater farm radio en-
joyment than ever before!

Philco makes farm radio history with
the greatest values in years! Many mod-
els to choose from... in a variety of
beautiful cabinet designs to suit every
taste. Mail coupon below today for free
descriptive literature.

Only \$18.50
PHILCO
90CB

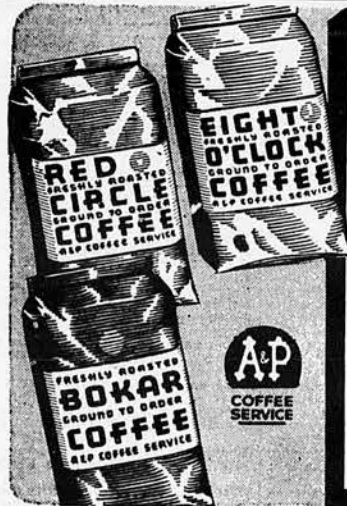
Self-Contained Battery Block, \$3.50 Extra.
Western price slightly higher.

Liberal Trade-In Allowance for Your Old
Radio or Phonograph. Free Trial. Long
Time to Pay. See Your Dealer or Mail the
Coupon NOW for Full Details.

Philco Radio & Television Corporation, Dept. 102
Tioga and C Streets, Philadelphia, Pa.

Please send me FREE and without obliga-
tion, literature describing the new 1941 Philco
Farm Radios. Also full details of your Free
Trial, Easy Payment, Trade-in Allowance Offer.

Name.....
Address..... County.....
or R.F.D.....
Town..... State.....



Enjoyed
BY EVERY
7th FAMILY!

A&P Coffee is bought by
every 7th family in the U. S.,
world's greatest coffee drink-
ing nation.

Choose one of these fine
blends—have it Custom
Ground for your own Coffee
Pot—Get all the flavor you
pay for.

AT ALL A&P FOOD STORES

"MIDDLE-AGE" WOMEN

(38 to 52 Years Old)

HEED THIS TIMELY WARNING!!

If you're approaching "middle-
age" and fear dizzy fainting spells,
hot flashes—if you notice yourself
getting restless, cranky, moody
and NERVOUS lately—these an-
noying symptoms may be due to
female functional disorder—

So be smart! Try Lydia E.
Pinkham's Vegetable Compound,
famous for over 60 years in help-
ing hundreds of thousands of

weak, rundown,
nervous women
to go smiling
thru this "try-
ing time."

Pinkham's
Compound is
made especially
from nature's own beneficial roots
and herbs to help calm overtaxed,
sensitive nerves and lessen dis-
tress from functional cause. Weak,
rundown women should find
Lydia E. Pinkham's Compound
WORTH TRYING!



New, Improved Willards GIVE YOU 4 EXTRA ADVANTAGES! at NO extra cost!



LONGER LIFE

Willards have always been noted for power and long life. But this new, greatly improved line of batteries gives 10 to 15% longer average life even than former Willards—and at no extra cost.

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Heavier elements in each cell—either thicker plates, heavier plates or more plates. That means not only more life but more reserve power to handle the extra current demands of modern cars easily month after month.

"WHEN YOU PUT THIS CAP ON THE 'SAFETY-FILL' VENT YOU SEAL AN AIR POCKET—THAT KEEPS WATER FROM RISING BEYOND CORRECT LEVEL—PREVENTS OVERFILLING"

Safety-Fill



GUARANTEED CAPACITIES

You know what you're getting Willard has clearly and permanently molded the guaranteed ampere hour capacity in the case of each new Willard battery. You see exactly what you are getting. And you pay only for what you get. You're guaranteed full measure.

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No acid spray on motor and wiring. The exclusive Willard "Safety-Fill" device prevents overfilling—definitely guards against corroded cables and terminals that cause current losses and unexpected starting failures.

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KANSAS

Abilene Meade Battery & Electric
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Savonburg Savonburg Garage
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Get story about wheat stored 11 years in Hastings bin! Automatic ventilator did it! Strong. Cheapest to own. No platform needed. Ratters under roof. FREE BOOK! Hastings Equity Bin Co. Dept. K63 Hastings, Nebr.

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Write for prices and FREE sample

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220 W. 2nd St. Wichita, Kansas
Plant: El Dorado, Kansas

Please Mention Kansas Farmer When Writing to Advertisers

Mothers Fear "Polio"

But Diphtheria Does More Damage

By
CHARLES H.
LERRIGO,
M. D.



I NEVER make light of an enemy; and infantile paralysis is an enemy in some degree to all children. But compared with diphtheria its damage is small.

Someday there will be a form of immunization against Acute Anterior Poliomyelitis, infantile paralysis, just as we now have toxoid to give protection against diphtheria. At present there is no such sure preventive. Strangely enough there are mothers tremendously excited and anxious because some cases of infantile paralysis are reported, who have yet neglected to give their little ones the sure protection against diphtheria to which every child is entitled.

Some hopeful things may be said about infantile paralysis:

1. Unlike diphtheria, scarlet fever, and measles it does not recur regularly every season.
2. Although a contagious disease, it does not strike down every child exposed.
3. In families of 5 or 6 with one child seriously ill, the others may go free. Possibly the most acceptable theory is that all are subject to the virus but comparatively few are sufficiently susceptible to develop symptoms of definite paralysis. In the year of our most disastrous epidemic doctors noted repeatedly that one child might have all the symptoms but others of the family so mild an attack that it passed for "a cold." Such children acquired immunity none the less.
4. A goodly percentage of infantile paralysis cases make complete recovery.
5. Modern treatment is much more effective than that of 25 years ago.

During an Epidemic

Do not be misled by claims of sure cures and preventives. The best possible thing is to guard against exposure.

Keep the children at home. Do not encourage visits from neighbors. Avoid attendance at movies, fairs or any form of public gathering—even Sunday School.

Get rid of pets that children may handle or fondle.

Do your eating and drinking at home. If compelled to be away, be par-

ticular about sterilized glasses, dishes and cutlery.

Use no medicines, throat gargles, nose sprays, or other supposed preventives unless prescribed by your physician. Gargles and washes may interfere with nature's protective forces.

If one of your family shows signs of illness, especially if like a cold with fever, notify your doctor.

Remember that infantile paralysis may come on without definite aches, pains or signs of illness. One of my serious cases first came to notice when the child said to her mother: "I'd rather not stand, Mother. My legs just won't hold me up." So be on your guard, and do not fail to ask for advice. Unfortunately, despite its name, adult persons frequently have infantile paralysis and undoubtedly act as carriers.

Brush Hair Often

Are the hair dressings that make the hair lie down as you want it injurious to the hair and scalp? What may I do for dry, stiff hair?—E. W. R.

Some of these dressings are harmless enough in themselves, but they do not return the natural oil to the scalp, so you get no benefit except while using them. Perhaps you use too much water on your hair, thereby washing away the oil. Your oil glands may need stimulating. Systematic use of a good hairbrush for 10 minutes every night and morning will help you. A little massage of the scalp with the finger tips is good, too.

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

Ready Help for Readers

IT'S getting along toward the time for a fall remodeling, purchase of new equipment, buildings or machinery. Perhaps you have some other items you want, many of which are advertised in this issue of Kansas Farmer.

You can find out all you wish to know about any of these articles from the booklets or leaflets prepared by the manufacturer. All details such as prices, sizes and performance are included, details necessary to an intelligent purchase.

Here is a list of advertisers in this issue who are offering literature:

Now that the listening season is just about here, why not find out all you can about farm radios? The coupon at the bottom of page 11 will bring you information about Philco's 1941 models.

Two booklets have been prepared by Dr. Salsbury's Laboratories for poultry raisers. "Turkey Talks" and "First Aid To Poultry" are the titles. See the ad on page 13 for the address of the company.

If you need a new water system, be sure to send for the Flint & Walling catalog offered on page 15. Both wind and electric pumps are featured.

For housewives, The Coleman Lamp and Stove Company has a free folder for you on "How to Cut Your Ironing Time One-Third." See page 15.

To change dirt from place to place,

level humps and bumps in your land, be sure you find out all about the Duplex Construction Co. scraper before you buy. This ad is on page 15.

If you are planning to install an irrigation system this fall, write for the Western catalog on pumps for all types of wells. See page 15.

Folks with livestock will be interested in the new Letz booklets, "22 Great Features" and "Better Grass Silage" as offered on page 16.

Here's something new in free offers—signs to post on your property. Read about this in the Continental Fence ad on page 16. Write for yours and the farm record book.

Be sure to write for the Sentinel farm radio booklet offered on page 17.

Before you erect that new silo, write for the prices and discounts offered by National Tile Silo Company on page 17.

Here is something for getting irrigation water from place to place. Write for the folder published by the Lincoln Tent & Awning Co., and advertised on page 17.

If you need a hammer mill, write for the Gehl booklet described on page 17. The new Bear Cat Combination Grain and Roughage Mill, also Emulage Cutter is something to find out about. See page 17 and write for additional details.

Of course, when you write, mention Kansas Farmer.

WIBW Will Go to Fair

RADIO station WIBW plans to take Topeka's Kansas Free Fair direct to the listener's home this year, when this great agricultural and amusement exposition opens its gates to visitors from over the Midwest on September 8 to 14.

More than 30 stars of the "Voice of Kansas" entertainment staff, plus a talkative group of special event reporters and announcers, will be on hand to originate broadcasts all the way from the Grandstand to the Seventeenth and Topeka Boulevard entrance and from the livestock pens to the Midway.

Regularly scheduled talent programs, featuring music and comedy, as well as eye-witness accounts of some of the activities—including night shows, horse and car races, Midway

Chuck Wayne, right, one of 30 entertainers.



Roy Faulkner, left, the Lonesome Cowboy, a featured singer.

amusements and sideshows, and livestock judging—will be heard.

As in previous years, Maudie Shreffler, music director, will be with the talent staff on a specially-built platform at the Capper building which is located in the north central section of the grounds.

From this point the "Dinner Hour," a talent jamboree heard over WIBW for the past several years, will originate Monday thru Friday of "Fair Week" at 11:15 a. m. On Saturday, this show will be heard at 11:00 a. m.

In the afternoons of "Fair Week," WIBW presents its nationally famous Kansas Roundup from the Allis-Chalmers Farm Machinery tent, located at the northwest section of the grounds. The program goes on the air Monday thru Friday at 3 p. m. Visitors are invited to stay as long as they like at this tent any time of the day, and to make it their headquarters while at the fair, according to WIBW and Allis-Chalmers representatives. There will be plenty of comfortable chairs, free water, tables for spreading lunches, free entertainment from the WIBW staff, as well as many new farm machines to inspect at nearby exhibits.

Art Holbrook, special eventer, will be giving eye-witness accounts of the car and horse races from the judge's stand, the grandstand night shows, the Midway amusements from various points, and other pick-ups, by way of a portable microphone and pack transmitter. Holbrook's accounts are a yearly feature of the "Voice of Kansas" coverage of the Free Fair. Distinguished guests of the fair will also be interviewed by Holbrook on various remote control broadcasts from the fair grounds. Hilton Hodges, Gene Shipley, and Homer Cunningham, 3 other personalities familiar to radio fans, will be serving as hosts for the "Dinner Hour," Kansas Roundup and other talent shows.

Participating in costumes will be more than 30 entertainers, including Roy Faulkner, the Lonesome Cowboy; Henry and Jerome, those 2 masters of pleasing harmony; Maudie Shreffler, pianist; Edmund Denney, romantic tenor; Olie Livgren, accordionist; Bill Wilhite, the "Shepherd of the Hills";

Art Holbrook, right, will cover special fair events.



Al Clauser, left, and his Oklahoma Outlaws will be on hand.

Pappy Chizzlefinger, comedian and instrumentalist; Colonel Combs, Weatherman and fiddler; Catherine McKay, yodeler and guitarist; Cipher, black-face comic; Uncle Abner, comedian and singer; Dude Hank, trumpeter; Horrace Krinklepan, comedian and instrumentalist; Al Clauser and his Oklahoma Outlaws, film-famous cowboy quintet; Otho "Hoppi" Corbin, cellist; the Arizona Range Riders, western quintet; Elsa Schlangen, pianist; Jud Miller, violinist; and Jeanne Benson, youthful soprano.

Listeners of WIBW will be posted completely on the 1940 Kansas Free Fair, according to spokesmen of the station, if present plans have anything to do with it.

Real 4-H Spirit

Is your 4-H Club living up to the 4-H pledge in its entirety? The West Cherry Winners of Montgomery county certainly have not neglected the part which says, "For my community."

Since in the local community there was no P.-T.-A. or community organization, this 4-H Club organized a community sing conducted at the local schoolhouse. This has been carried on successfully and is expected to be resumed next fall at the beginning of the school term. The program for each evening was group singing by the audience with the club acting as a choir under the direction of the song leader, Janice Hodges. At intervals during the sing, the club would present special numbers. Concluding each program was a song, "You're the Lucky One," during which sacks of popcorn, candy and so forth were thrown out in the audience.

Another community project undertaken and completed by the West Cherry winners was the purchase of a piano which was presented to the local church for Christmas, 1939. This is a community church which has recently been re-organized. At the organization 2 of the 4-H girls were elected teachers and one organist. At present one 4-H girl is superintendent, one is secretary and the leader is pianist. The piano was bought with money taken in by the 4-H Club at 2 cakewalks given at the schoolhouse. As long as the church stands the West Cherry Winners 4-H Club will be praised by its community.



Edmund Denney, whose rich, full voice will thrill you in many appearances at the fair.



They Don't Set Back Growing Birds . . . Don't Knock Egg Production

Experienced poultrymen say: "Worm your birds if you want full results from your feed and work."

Those who worm with Rota-Caps say: "We prefer Rota-Caps because they don't interfere with normal growth and laying schedules." In other words, ROTA-CAPS don't cause Toxic After-Shock.

TESTS PROVE IT

Rota-Caps give positive results. They get the worms; yet act so mildly and quickly on the birds that no after toxic condition remains to sicken the flock and upset growth and laying.

ROTAMINE DOES IT

Rotamine, Dr. Salsbury's exclusive, newly discovered drug eliminates Toxic after-shock—protects birds from unnecessary systemic absorption which causes after sickness. Rotamine sets up mild but quickly effective peristaltic action which not only expels large round worms and capillaria worms, but also gets these tapes (heads and all): R. tetragona, R. echinobothrida (in chickens), and M. lucida (in turkeys).



Get Dr. Salsbury's Rota-Caps from your local dealer. If he can't supply you, order direct. State size and quantity and enclose check or money order to . . .

Dr. Salsbury's Laboratories, Charles City, Iowa
A Nation-Wide Poultry Health Service



Old WAY
WITHOUT Rotamine

Only desegments tapes, leaving live heads to grow new bodies in the birds' intestines. Note live heads of tapes left in villi.

New WAY
WITH Rotamine

Expels Heads and All of these destructive tapes: R. tetragona; R. echinobothrida (in chickens); and M. lucida (in turkeys).

Prices: Pullet: 50 caps 50c; 100, 90c; 300, \$2.50; 1000, \$6.00. Adult: 50 caps 75c; 100, \$1.35; 200, \$2.50; 500, \$5.00; 1000, \$9.00.

AVI-TON FOR FLOCK WORMING

Dr. Salsbury's AVI-TON, when mixed with wet or dry mash, is an effective treatment for large round worms and cecal pin worms.

"The State's Greatest Outdoor Event"

KANSAS FREE FAIR Topeka

Through six decades the Kansas Free Fair, in Topeka, has served the backbone industries of the Sunflower State. The Free Fair is the people's fair—they make the pilgrimage to Topeka each year to celebrate the victory of the Kansas harvest. This fair makes no charge at the gate . . . men, women and children enter the grounds without the expenditure of a single penny to see the progress their state has made during the year. Join the 500,000 who will celebrate this year.

60th Annual Livestock and Agricultural Exposition

Thousands of dollars in cash awards attract the nation's leading exhibitors every year. Make your plans to attend the 1940 Free Fair.

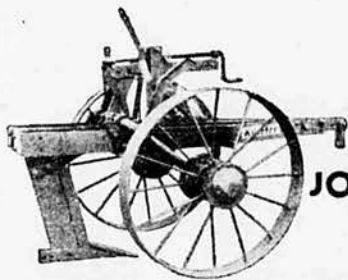
**Sept.
8-14**

**Double the Attendance
of Any Other
Fair in Kansas
M. W. Jencks, Mgr.**



"KILLEFER" or Panbreaker

NOW'S the time to improve the physical condition of your fields for bigger, better crops in 1941. Break up those hard subsoil formations with a "Killefer" or Panbreaker and promote better root growth... let fertilizers work down to the feed root area... improve aeration... and reduce erosion. The "Killefer" lifts and shatters the subsoil without bringing it to the surface. A many-purpose implement, it can be equipped with attachments for panbreaking, chisel cultivating, ditching, lifting two rows of beets, and preparing sub-surface drainage systems.



Your John Deere dealer will be glad to show you the Killefer Deep-Tillage Equipment that meets all your requirements—your acreage, your soil conditions, your tractor power.

JOHN DEERE PLOW CO.
KANSAS CITY, MO.



KILLEFER *Deep-Tillage* EQUIPMENT

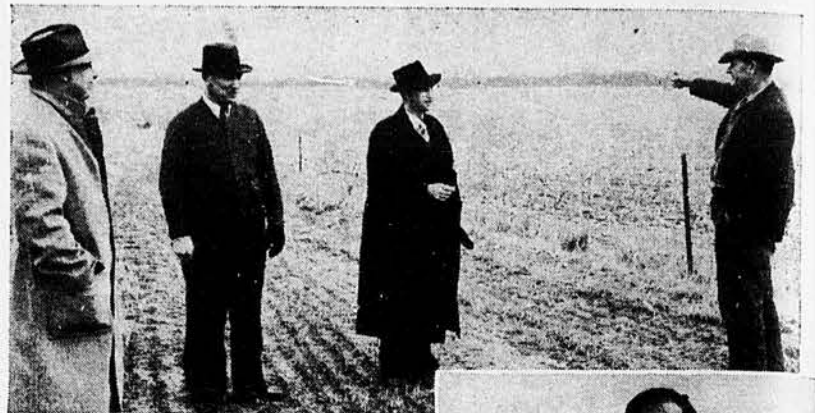
Visitors to the KANSAS FREE FAIR Topeka, Sept. 8th--14th Are Cordially Invited to Visit the PIONEER HYBRID CORN EXHIBIT

Near Capper Publications Exhibit

And See Some Grand, KANSAS-RAISED PIONEER
Hybrid Corn of Every Variety

GARST & THOMAS
HYBRID CORN COMPANY
Coon Rapids, Iowa

HUSKING CONTEST AHEAD



For many months, members of the Washington Chamber of Commerce have been making plans for the 1940 State Husking Contest. This picture, taken early in the spring, shows the field committee inspecting prospective locations for planting. Left to right they are Henry Muth, Ed Hall, Carl Rosenkranz, and Jim Dixon.



At cultivating time, Henry Muth, president of the Washington Chamber of Commerce, visits one of the fields being groomed for state husking competition this fall.

AUGUST rains which brightened the Kansas corn prospects have helped arouse keen interest in the 1940 State Husking Contest. Kansas Farmer Mail & Breeze is sponsoring this year's contest in co-operation with the Washington Chamber of Commerce. The contest will be held near Washington, October 23.

In this popular event, speedy Kansas corn huskers will compete for \$200 and a beautiful silver trophy provided by Kansas Farmer. First prize winner will receive the trophy and \$100 in cash. Second prize consists of \$50, while winners of third, fourth and fifth will receive \$25, \$15, and \$10, respectively.

To qualify for competition in the state contest, huskers must first be winners in the official county contest of their own county. You can enter by sending your name to Kansas Farmer Mail & Breeze, care of husking contest editor, and your name will be forwarded to the county agent or contest leader in your county.

The winner of the Kansas state contest will be eligible to enter the 1940 National Corn Husking Contest, which this year will be held near Davenport, Iowa. Last year under the sponsorship of Kansas Farmer Mail & Breeze, Kansas was the host state. More than 118,000 people attended the contest near Lawrence.

Two outstanding husking winners in Kansas have been Cecil Vining, of Franklin county, and Lawrence House, of Sherman county. Last year these 2 state winners placed 9th and 16th respectively in the national contest. This year Kansas wants to do better and carry away the championship trophy if possible. For that reason Kansas Farmer wants to comb the state for the best huskers available.

Since the first state-wide contest was held in 1927, this form of sport has rated high with Kansas farm people. It offers a chance for genuine farm boys and farm men to match skill at a real farm job. At the same time it offers an ideal opportunity for farm folks of the state to get together for a day of good, old-fashioned fun

and entertainment, along with some worthwhile educational and commercial exhibits.

So, if you are a good husker, send us your name for entry in your local county contest. Or if you have a neighbor or friend who is a speedy husker, encourage him to enter; then watch him in action at the county contest. If he is good enough, you may get to see him husk in the state contest near Washington, October 23.

Books Show Profit-makers

Study of the record books kept by members of the farm management association in Stafford county shows that 63 per cent of the best land farmed by these members is in small grains. However, the remaining 37 per cent of the land returns 52 per cent of the farm income.

"Queen Cow" to State Fair

Because more than 65 tons of milk and 5,200 pounds of butterfat have passed thru the udder of Strathglass Miss Violet, noted Ayrshire cow, she will be featured at several Midwestern state fairs this fall. She is considered one of the "queen cows" of the dairy world, and she will hold court during the Kansas State Fair at Hutchinson. She is owned by Hugh J. Chisholm, Strathglass Farm, Port Chester, N. Y. "Miss Violet" travels in a special railroad car, which she shares with her attendant, Prof. Earl Thomas, of the University of Missouri.

Husking Editor, Kansas Farmer,
Topeka, Kansas

Dear Sir: I would like to participate in the Kansas Corn Husking Contest this year. I will enter the contest in my county to determine who will represent this county in the state meet.

Name

Town..... County..... RFD.....

My age is.....I have husked.....bushels of corn in one hour.

Best fields of corn in this section will average.....bushels to the acre.

"FRESH AS DAISY!" ...After My Biggest Ironing In Months!"



LADIES: Here's The Self-Heating Iron That Cuts Ironing Time 1/2!... Leaves you feeling fresh as a daisy compared with the old method of stove-heated irons. It's instant lighting—heats itself, ready for use in a jiffy. No hot stove; no 110° kitchen! Burns 96% air, only 4% gasoline. New "easy-glide" chromium base slides easily, smoothly. Natural-grip handle relieves arm strain. Costs only 1/2¢ an hour to operate. See your Coleman dealer.

Priced as low as
\$3.95

FREE! Write nearest office for free folder telling "How To Cut Your Ironing Time One-Third!" Address Dept. KF-307

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SELF-HEATING
IRONS

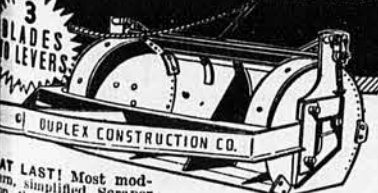
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Attention Truck Owners

**Road Hazard
Guarantee
On All Truck Tires**
32x6 - 10-Ply
\$28.00

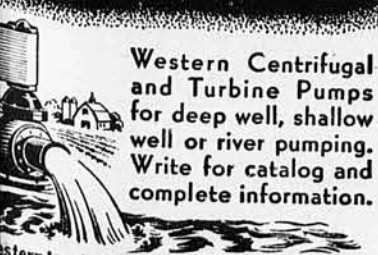
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General Tire Dist.
Phone 4121 7th and Van Buren
Topeka

NEW! Duplex ROTARY SCRAPER



AT LAST! Most modern, simplified scraper on the market. Automatically loads forward and backward. Many exclusive patented features!
FREE!—Five Days Free Trial—FREE!
Write today for details and illustrated literature.
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IRRIGATION PUMPS



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

European Markets Lost

By CLIF STRATTON
Kansas Farmer's Washington Correspondent

WASHINGTON, D. C.—Unless there is a decided change in the European situation, American farmers cannot depend upon selling their surpluses in Europe the coming winter. This despite the fact there will be a serious shortage of foodstuffs in all continental Europe this winter, perhaps this fall. Herbert Hoover, Ambassador Cudahy, and others acquainted with continental Europe affairs, agree on this. They even anticipate a famine if the English blockade of Europe, and the German blockade of Britain, are continued thruout the winter.

Congress passed without opposition a bill to facilitate the evacuation of English children to the United States to escape the bombing of England by the Germans. But for American ships to be used it will be necessary to get assurance of safe passage from all the warring nations, including, especially, Germany. Everyone favored this move.

But when proposals are made to use American ships to send food to the starving men, women and children of continental Europe, these will not face such near-unanimous approval. The friends of Britain in the United States—and these are legion—will point out that to send foodstuffs to European areas under German control will be in effect to break the English blockade of Germany and German held territory.

And there will be little argument on that point. England does not have the man power to invade Germany, perhaps not even to invade German held territory in continental Europe. So British hopes of winning the war in the long run depend upon (1) keeping Hitler's forces out of England, and (2) starving Germany into submission.

Under these conditions it isn't likely that Britain would consent to allow the United States to send foodstuffs to continental Europe, as long as such shipments would help Germany. Just as it is unlikely that Hitler will grant safe conduct to American ships to bring children out of England.

That means surpluses of wheat, cotton and tobacco, perhaps of pork, will continue to pile up in the United States. The only answer to these surpluses with their price depressing effects seems to be more and larger subsidies to producers of the surpluses, at least until the war is over.

War-minded Washington is convinced that the moves being made by the Administration and the Congress, whether purposely or not, eventually will lead the United States to war with

Germany. The United States is moving steadily to a war economy basis.

Congress is approving a bill to conscript men between 21 and 31 years of age into the Regular Army and the National Guard. Everyone hopes that training is all the draftees will be called upon to perform.

The Senate tacked onto the bill a provision by which the Government also can draft—take over and operate—any industry considered necessary to the national defense.

Appropriations and authorizations for national defense purposes by this Congress will be at least 15 billions of dollars. Total appropriations by this Congress will amount to 20 billion dollars, maybe more.

Profit limitations on ship building and airplane companies are being removed, to encourage these industries to work for Uncle Sam without being drafted. At the same time excess profits taxes ranging from one-fifth to one-half of what the lawmakers figure are average profits are to be levied on all corporations.

Here is a summary of the export position in the current issue of The Agricultural Situation, published monthly by the Bureau of Agricultural Economics:

"Spread of the European war area has been accompanied by the progressive closing of foreign markets to United States farm products. Continental European markets which have now been closed provided in recent years an outlet for approximately one-third of our total farm product exports. The remainder was about evenly divided between the United Kingdom and other countries.

"Effects of the loss of continental European markets, in particular, and other war-time interruptions and trade controls, on exports of individual commodities were especially noticeable for May and June. Canned and dried fruit exports were reduced to a trickle during this period. Exports of pork products were only about one-fourth as large as they were a year earlier. Soybean exports, formerly going largely to Scandinavia and the low countries of Europe, have virtually stopped.

"The loss of foreign markets for U. S. agricultural products will, in general, continue for the duration of the war, altho stoppage of supplies of certain competitive products formerly exported from continental Europe (to England) may later result in revival of some export demand for them.

Eyes Go Back to School

(Continued from Page 6)

attaching reflector, using a 75-watt Mazda bulb and a light-lined shade. All this can be done for about 90 cents—see Figure 5-A.

"Young miss decorative lamp," Figure 2, is symbolic of thousands of small lamps that should be used only for decoration but are abusing eyes at students' desks. A lamp that is too short, a lamp that is too small to use the correct size bulb, a lamp that becomes too glaring with the right size bulb should be replaced with the correct design of student lamp as shown in Figure 3.

Too many boys and girls study at the dining room table under inadequate, glaring light from a fixture that is meant for decoration only, or an obsolete fixture similar to the one in Figure 4. If this statement applies to you, do one of 2 things to provide safer, "seeing" light. Place an I. E. S. student lamp on the table during study hours or replace the old fixture with one known as an adapter.

Sketch B, in Figure 5, is one adapter fixture type that provides good light for study at the dining table. It con-

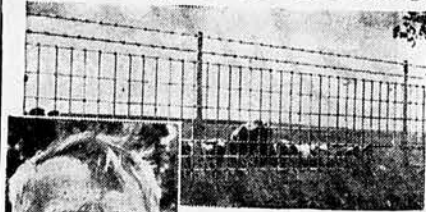
sists of a parchment shade over a plastic reflector. A 150-watt Mazda bulb screws into a socket husk and this husk is made like the base of a bulb and it screws into the fixture socket. Similar fixtures cost from \$3.25 to \$3.95. Remove the old shade, then put a single socket at the end of the present fixture chain. Into this new socket screw the adapter fixture as simply as you install a light bulb.

Good lighting is cheap because it protects eyesight which, when lost, cannot be replaced. It costs a great deal more for shoes for foot comfort. It costs a great deal more for school books than for good light to read the books.

Despite the miracles of modern research the genius of the human mind has not been able to perfect an artificial eye with which we can see. Don't lose another day. Investigate the kind of light John and Mary study by. Protect the only eyes they'll ever have. Eyesight is a priceless possession.

Myrtle Fahsnyder is home lighting director, lamp division, Westinghouse Electric and Manufacturing Company, Bloomfield, N. J.

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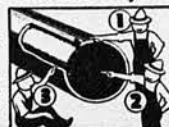


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Our Crop Reporters Say . . .

Allen—Ample moisture for corn and kafir during August, altho had rain come a week earlier we would have had a larger corn crop. Plowing for wheat has begun, conditions are good for fall seedbed preparation, a large acreage is planted. Pastures have taken on the greenness of early spring. Owing to the large small grain crop that has been harvested, then to rather frequent rains, much hay still is uncut.—Guy M. Tredway.

Anderson—Have had good rains. Farmers plowing for wheat which will go into a good seedbed. Sorghums looking fine. Pastures good. Plenty of stock water. Rains came a little late to be of great benefit to corn, but will be some corn anyway.—C. E. Kiblinger.

Barber—Very dry. Not all plowing done for wheat. Wheat will go into a good seedbed if it rains before seeding time. Most fields have been put in condition for wheat and some farmers want to seed alfalfa if it rains soon. Some fields of alfalfa made 3 bushels but most of them made from 2 to 3 bushels. Sorghum holding up well. Pastures drying up. There will be some corn. Livestock bringing good prices at the sales, one cow brought \$36 at a recent sale.—Albert Pelton.

Barton—We have been having plenty of rain. Wheat will go into a good seedbed. Pastures are better than they have been for several years. Volunteer wheat making good growth. Most feed crops looking good. We have had nice weather this summer.—Alice Everett.

Brown—Plenty of moisture for the time being. Grass, weeds and volunteer wheat really are growing. Lots of alfalfa seeded and to be seeded. Wheat should go into a fine seedbed if it quits raining long enough to work the ground. Sorghums look fine. Several fields of Kalo and Club kafir which are new to this section. Pastures look good where not overgrazed. Corn spotted, from nothing to 40 bushels. Hybrids show up well so far. A fine third cutting of alfalfa coming on.—L. H. Shannon.

Brown—Plenty of rain. Plowing done. Some corn badly damaged by the dry July weather. A large acreage of wheat will be sown. Fall pastures and alfalfa making excellent growth. A large acreage of alfalfa has been seeded this fall.—E. E. Taylor.

Chautauqua—A good inch rain fell recently. Much alfalfa being seeded as the soil is in excellent condition. Some alfalfa seed was damaged and lost by the week of wet weather. Some corn too far gone when rains began, altho later corn and sorghums looking like bountiful crops. Chinch bugs took a heavy toll. Pastures coming back to good again. Wheat ground will be in excellent condition for seeding. Wettest August in years. Plenty of prairie hay for sale here.—Cloy W. Brazile.

Cherokee—Heavy rains will store moisture for some time and wheat will go into a good seedbed. Sorghums will be good feed. Pastures and water are more plentiful than in 8 years. Corn down and moldy in some spots, other parts fine.—J. H. Van Horn.

Cheyenne—Long dry spell broken August 24 and 25 when rain fell pretty generally over the county. Corn and drilled feed were burning badly but row crops stood up well. Summer-fallow fields contain ample moisture and recent rains will encourage early wheat seeding. About 85 per cent of farm operators signed up on 1941 wheat allotment and ACP program. Pastures short and many cattle being sold and shipped to market; however, prices holding up well.—F. M. Hurlock.

Clark—The moisture situation is good at present. Looks like wheat will come up in good condition. Grass and feed crops in excellent condition, but will need more rain to insure full crop. Some pastures badly winter-killed but seem to be recovering.—G. P. Harvey.

Clay—Six or 7 inches of rain in August, after the July drought, gave all fall crops excellent growth. Rains too late for corn. Sorghum crops coming out well, the thick feed much better than looked possible. Pastures making new growth like spring wheat. Ground all plowed and being prepared for planting. Seedbed will be in fine condition for planting. Cattle doing well.—Ralph L. Macy.

Coffey—Had some rains but not much stock water. Farmers beginning to plow for wheat. Several having public sales and stock selling pretty well. Some are thru putting up hay. Not many fall pigs being raised.—C. W. Carter.

Coffey—Plenty of moisture. Corn is fine, will make a good yield on bottoms. Kafir making a good crop. Sorghums will make a heavy crop of feed. Alfalfa seed crop is light. Pastures good. Wheat will go into a good seedbed. Quite an acreage of alfalfa being seeded this fall. Livestock doing well.—James McMill.

Cowley—Most wheat ground plowed after harvest with moisture enough to plow well, and with later rains it has been worked with springtooth harrow. A good seedbed being formed. An unusually cool and rainy August has been fine on sorghums. Pastures good. Corn mostly burned up but some good fields remain. Expect good wheat pasture this fall.—K. D. Olin.

Dickinson—Harvest and threshing over with a very unusual yield of wheat, making from 3 to 40 bushels an acre. Oats and barley very good. Fine rains lately which made plowing good. Grass fine but badly infested with wild oats. Rains came too late for corn which is a fizzle in this locality. Farmers disking and harrowing wheat ground. Sorghums doing well and heading.—F. M. Lorson.

Edwards—Not a lot of moisture at present. Rains will be needed before wheat seeding to make a good seedbed. Sorghums look fair. Pastures need rain. Corn well matured. Many farmers signing up for 1941 wheat insurance.—Myrtle B. Davis.

Ford—The moisture in Ford county is best in years at this season of the year. There has been a rush on the Farm Bureau office in getting wheat loans for this year's seeding. It is estimated 95 per cent of last year's wheat crop is in storage. Sorghums and row crops are the best in years, and we have had few dry, hot winds. The row crops are just now heading, wet weather would be welcome by farmers. The pastures look green and Buffalo grass that has come back is a beautiful sight. It is found in large clumps and bore abundant seed crop, which scattered. Corn is good and the cobs well filled to the end on what has been sold as roasting ears around town. Beets are the very best ever raised in Ford county. Great crops are anticipated. They are sold to the Garden City Sugar Mill. This has been the greatest weather for crops that Ford county has had for years.—Cressie Zirkle.

Franklin—We have been enjoying some nice cool weather since the rains started. Everything green, all vegetation looks fine. Some of the corn burned up, while other fields are nice and green. More wheat will be planted than we had last year. Some barley and alfalfa will be seeded this fall. Most wheat ground has been turned over. We have orders to wire for electricity on REA project. Cabbage and tomatoes cheap. A lot of public sales. Tractors killing the horse market. A good fruit crop, but peaches rotting on the trees. A good many folks taking vacations.—Elias C. Blankenbaker.

Geary—Plenty of moisture the last 2 weeks. Wheat ground will be in fine condition to plant. Considerable alfalfa being seeded. If more rains come during September, will get another good crop of alfalfa. Sorghums and pastures will make an excellent growth. Very little corn. Several silos filled during forepart of August.—L. J. Hoover.

Gray—Sorghum crops good over most of county. Rains spotted. Most of ground worked ready to drill wheat when time comes. All wheat from this harvest under government loan. Largest barley crop in history of county. Cattle scarce and high. Pigs in demand. Not many flocks of poultry in the county. Eggs, 10c.—Mrs. Geo. E. Johnson.

Greenwood—Moisture sufficient for the present. Farmers preparing wheat ground. Potatoes are sprouting in the ground. Some

silos being filled. Sorghum crops growing since the recent rains. Hybrid corn seems to be better than pollinated corn. Recent rains have improved hay and pastures. Alfalfa being threshed.—A. H. Brothers.

Harper—County dry in spots, some places have had from 1/2 to 2 inches of moisture recently. On a whole, wheat will go into a good seedbed. On thin soil sorghums have burned up, on good soil they are better than average condition. Pastures about 60 per cent of normal. Corn all burned up. Livestock doing fairly well.—Mrs. W. A. Luebke.

Harvey—Weather recently has been nice and cool. We had an inch rain which greened the pastures and made corn fodder fine for silos. Ground in fine condition for disking and harrowing. Another cutting of alfalfa in prospect. Dairy cows gaining on their milk. Livestock doing well. Wheat, 52c; corn, 68c; oats, 28c; kafir, 56c; barley, 40c; rye, 35c; butterfat, 25c; eggs, 12c; 15c; heavy hens, 10c; light hens, 7c; cocks, 5c.—H. W. Prouty.

Jefferson—Many good rains in August make the moisture situation encouraging and wheat will go into a better seedbed than usual. Sorghums making rapid growth. Pastures short and dry but making fine improvement since moisture conditions have improved. Early corn was too far gone to be benefited by August rains but late corn is looking fine. Gardens and flowers are greatly improved. People more optimistic. Some painting being done this fall.—Mrs. Ray Longacre.

Johnson—This region had rain almost every day during August—perhaps 1 1/2 inches in all, much electricity, but little wind. Plowing for wheat far behind schedule. Much volunteer wheat. Some shocked small grain still in fields. Sorghums promising a very heavy crop. Cornfields will yield a heavier crop than for several years. Peaches, grapes and apples are unusually perfect this season and are more abundant than in ordinary years. Melon crops somewhat below normal and have been damaged by too much moisture. Young chickens and eggs reported difficult to find for normal requirements. Only a few cases of sleeping sickness among horses have been reported. Some young men joining the army.—Bertha Bell Whitelaw.

Leavenworth—The large amount of rain fall during the last month has the soil thoroughly soaked and has caused pastures and growing crops to make a rapid growth. Corn and sorghums which had suffered somewhat from a hot, dry July, have benefited greatly from the rains. The amount of wheat seeded probably will be about normal. A majority of the wheat ground remains to be plowed, and late plowing usually results in a loose seedbed and lower yields. Spring sown legumes and grasses are a good stand and have made a nice growth. Much lespedeza is being cut for hay. Livestock in good condition. Milk production higher than usual for this season of the year.—Wm. D. Denholm.

Lane—Corn about all burned up, pastures very poor. Sorghum fields spotted but most of them will produce considerable feed. Summer fallow is in good condition 2 and 3 feet of moisture in most cases. Wheat will have a good seedbed except late worked fields.—A. R. Bentley.

Lincoln—Wheat acreage in this county will be larger than last year if conditions continue to improve. Recent rains have put more moisture in ground than any fall since 1936. Wheat will go into good seedbed. Showers continue. Rains came too late to help row crops much, altho some of the sorghums show some promise. Pasture getting short, but revived. Hay crop short. Little if any siloing done yet.—R. W. Greene.

Linn—Plenty of rain. Some flax and oats not threshed yet, too wet. Very little plowing for wheat. Probably won't be a very good seedbed for wheat sowing. We have good crops of wheat, oats, flax and barley. Some flax and oats shocks that are growing badly. Pastures good. Livestock doing well. Grain prices low.—W. E. Rigdon.

Logan—With several rains and showers in August, late feed crops much benefited and ground in good condition for wheat seeding. Pastures also have improved with the rains. The small acreage of corn planted this year will not produce much grain. Wheat, 50c to 60c; cream, 24c; eggs, 10c.—H. R. Jones.

Lyon—July was a very dry month, ruining thousands of acres of corn. There are fields of real good corn on bottom land. Kafir cane and other feed growing, heading since August showers. Pastures also growing. Most of the ground plowed for wheat. Most farmers plow with tractors. Stock doing fairly well.—E. R. Griffith.

Marshall—Recent rains are of real significance for Marshall county farmers. Corn not too badly fired has made unusual recovery. Alfalfa fields and prairie hay meadows showing new life. Stock water plentiful. Fall gardens flourishing. Late apples and peaches will give us good yield now. Ideal seedbed for new alfalfa. Wheat, barley and rye will have lots of subsoil moisture where saved. We will have plenty

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Montgomery—Corn mostly matured and is heavy crop locally. Kafir excellent and about half is ripening. Third cutting and seed crop of alfalfa being obtained. Much seed shattered during heavy rains recently and much down hay was badly damaged. Pastures revived and making good growth. Farmers preparing land for seeding wheat and alfalfa where ground is not too wet from recent rains. A heavy acreage will be seeded of both crops.—F. L. Kenoyer.

Nemaha—Have had plenty of rain the last 3 weeks. The very early and very late corn will be good. The crop in general will be very uneven yields, will probably vary from complete failure to 50 or 60 bushels. It looks like wheat will go into a fine seedbed. Most sorghum fields looking good where the chinch bugs didn't clean them up. Pastures greening up nicely. Soybeans, of which this county has a sizable acreage this year, will make a heavy crop. Alfalfa looks as if this next crop would be the heaviest of the season.—E. A. Moser.

Osborne—Rains have been very spotted in our county and the moisture situation is not very good for fall wheat seeding. Corn almost a total failure. There will be good feed in some parts of the county and very little in other parts. Some grain sorghums will make a fair seed crop, but the good fields are as spotted as the rains. The community sales are doing a good business in the sale of stock. Pastures fair. Recent showers and cooler weather are giving feed a new lease on life, and there has been considerable improvement in the feed situation the last few weeks. From present indications the county will be lucky if there is enough feed to winter stock.—Niles C. Endsley.

Pawnee—Recent rains have helped the feed situation some but more moisture will be needed. Wheat ground being put in condition for planting. A fair crop of alfalfa seed was harvested. Grass-fat feeder cattle being sold. More than 600 head of cattle were sold at weekly sale August 22. Allotment sign-up for 1941 expected to be larger than last year. Annual 4-H Fair was better than ever. Wheat, 55c; eggs, 13c; butterfat, 24c; No. 1 hens, over 5 pounds, 10c.—Paul Haney.

Riley—A large acreage will be seeded to wheat. Virtually no corn in this community. Sorghum feeds looking good because of recent rains and cool weather. Most of it will be too late for grain unless we have an unusually late frost. Hay crop short. Much alfalfa being seeded this fall. Wheat ground being prepared for seeding. Ground in excellent condition.—Henry Bletscher.

Rooks—Rooks needs a good rain. Sorghums deteriorating rapidly. Pastures short. Most farmers hoping for an early September rain so as to have a good seedbed for wheat. Some are threshing their headed grain.—C. O. Thomas.

Rush—Both August's rainfall and the annual precipitation are about three-fourths of normal. Hay crops and most row crops are a near failure outside of the Walnut Valley where the subsoil moisture is being pumped from wells on corn and grain sorghum fields. The irrigated fields will make

immense yields. Showers all summer have been very local and small in extent. Pastures very dry but in most cases yielding a limited pasturage. Livestock numbers being reduced. Wheat ground in good condition aside from the moisture situation, but more moisture probably will come before seeding time.—William Crotinger.

Smith—Have had some good rains but spotted. Feed good in some parts of county, while some parts will be short of feed. Wheat ground all ready and in fair condition. Some rye seeded for pasture now. Nearly a hundred per cent sign-up on AAA. Usual amount of wheat. Quite a number of sales and prices good. General feeling good.—Harry Saunders.

Sumner—Very dry. High winds. Farmers sowing rye. Wheat ground in better condition than last year. Feed crops suffering. Late corn cut in yield, much put in silos. About same acreage of wheat as last year. Rains are scattered, some parts have moisture while others are hauling water for stock and house use. Grain on sorghums scarce.—M. E. Bryan.

Trego—Trego county as a whole is dry. A few local showers in section a mile wide, but feed has all been hurt and not enough moisture to start growth. There will be very little seed and only in these favored localities. Grass has thickened up some. Farmers hope for more moisture before time to drill wheat, no subsoil moisture. County fair drew large crowd.—Mrs. Ella M. Whisler.

Wabaunsee—Most of the county has had plenty of moisture, altho some parts still dry. Where there is plenty of moisture, wheat will go into an extra good seedbed. The farmers somewhat skeptical as to the 1941 wheat crop as chinch bugs very bad. There are many more than when the wheat was harvested. Will be little corn. Still a good chance for sorghums if we have a late fall. Pastures good.—Mrs. Chas. Jacobs.

Washington—This county received 1½ inches of rain August 25 and 26. Several farmers have seeded alfalfa and it is growing fine. Pastures good. Prairie hay was rather dry but the rains have improved it greatly. Sorgho and cane making excellent growth despite chinch bugs. Corn crop a partial failure, some fields not even making fodder. Lots of stock hogs for sale. Cattle bringing good prices. Farmers busy getting wheat ground ready. There will be a large acreage planted. Potato crop was small.—Ralph B. Cole.

Wyandotte—Two weeks of rain put ground in fine condition for plowing. Wheat should be seeded in better condition than for years. Sorghums of all varieties heading well and extra tall. Pastures better than for years because of recent rains. Plenty of weeds everywhere. Corn will make a better yield than for years, with hybrids standing the July and early August drought better than open-pollinated varieties. More hybrids will be planted next year. Many farmers will sow fertilizer with wheat. Last cutting of alfalfa will be the best of the year. Livestock in good condition.—Warren Scott.

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The Two Kansas Fairs

(Continued from Page 3)

Good Times for All

on Tuesday and Wednesday afternoons.

But such attractions are only a part of the 1940 Kansas Free Fair. In fact, they serve as co-features with great exhibits particularly stressing livestock and agriculture. Advance information from livestock superintendents indicates a full array of fancy stock to vie for the thousands of dollars offered in premiums. Changes in the classifications for agricultural products are expected to bring larger exhibits of farm crops, fruits and vegetables.

As explained by the fair officers, this event is planned primarily for farm people, and it is estimated at least 75 per cent of those in attendance each year are farm folks. Last year, a count of cars in parking lots at the fair revealed visitors from 94 counties were present.

Following the list of special events, Early Settlers' Day is scheduled for Monday, and Development Day will be on Tuesday. Wednesday has been designated as State Grange Day, Thursday is Farmer's Day, and Friday is Women's Day. Events of an Amateur Band Congress will be seen in front of the grandstand each afternoon.

Important phases of the fair are found in work of 4-H Club members and vocational agriculture students. Contests of the week include a stock judging contest, an amateur musi-

cians' contest, an old fiddlers' contest, and an amateur band contest.

Displaying exhibits and competition in everything from fancy work and pastries to livestock and farm machinery, the fair has attractions to please every member of the family. You will find it worth while to see these attractions and greet old friends at this year's fair.

State Fair Drama

lines of endeavor will have opportunity to present their wares. A feature of the youth attractions is the special school day program, Monday, September 16, when all school children of the state are admitted free.

For years, farm machinery exhibits have been a popular feature for farmers, because of the practical value they obtain from them. Farm machinery manufacturers have recognized that one of the best ways to show their products is by actual demonstration, and the fair offers an excellent opportunity for them to do this.

Having enlarged in size until it is now considered the largest fall farm implement show in the Middle West, the Kansas State Fair machinery exhibit covers about 15 acres.

Along with the agricultural and educational exhibits will be entertainment of every conceivable form. For the first time in Kansas State Fair history, auto races have been booked for 3 full days.

Michels GRASS
Is Easy to Grow

Michels Hybrid Grass is a cross between Mosida winter wheat and wild rye grass. Produces heavy forage 3 to 6 feet tall. Sweet and succulent; livestock love it, and will even eat straw and stubble.

- Plant in fall, like winter wheat with ordinary grain drill.
- Seeds are large; full of plant life; easy to get good stand.
- Michels Grass produces heavy crop first year, and has perennial characteristics.
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Everlasting TILE
Cheap to install. Free from trouble. Steel reinforcing every course of tile.

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Rowell Roller Bearing Ensilage Cutters.
Write for prices. Special discounts now. Good territory open for live agents.

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CANVAS IRRIGATION HOSE
Ideal for pump irrigation. Lower cost—less work—flexible—carries water over or around obstacles. Lasts for years. Write for illustrated folder.

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PRICES SLASHED!

ON BIG 5 1/2 CU. FT. 1940
KEROSENE
COLDSPOT
REFRIGERATOR
\$139.50
\$7 Down
\$4.40 Month

- You save at least \$50.
- Has 12.1 Sq. Ft. of shelf area; big family size.
- Freezes 63 ice cubes.
- Uses 3 to 5 gallons Kerosene per week—the savings will pay for it.
- Easy to care for, nothing to get out of order—just fill the tank once a week.

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YOU MAY USE OUR EASY PAY PLAN
SEARS, ROEBUCK AND CO.
TOPEKA, KANSAS

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Made by a new manufacturing process which makes our silo superior. You also have our 27 years of experience to assure you of a better silo.

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AUTO RACING
SUN • FRI • SAT
CARNIVAL
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EVERY NIGHT
HORSE RACING
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MUSICAL REVUE
EVERY NIGHT
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PICK-UP SELF-FEEDING 2-MAN BALER.
Made Right—Priced Right
For More and Better Bales
10 Models
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See exhibit at Topeka and Hutchinson Fairs.

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Hastings Equity Grain Bin Co., Dept. K-9, Hastings, Nebraska

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

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KANSAS STATE FAIR
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Assorted Heavies, White, Brown Leghorns \$1.75. Rocks, Hampshire, Rhode Island Whites \$6.00 hundred. Jenkins Hatchery, Jewell, Kansas.
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Big Barron English White Leghorns—AAA chicks, \$5.45; pullets, \$9.90; cockerels, \$3.00, postpaid. Two weeks pullets, \$13.95, collect. Pedigree sired. Money back guarantee. Helms Hatchery, Deepwater, Missouri.

SQUABS
Get Weekly Squab Checks. Thousands wanted. luxury prices. Marketed only 25 days old. Ask Rice, Box 319, Melrose, Mass., for surprising free poultry picture book.

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

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Irrigation Equipment
for both stream and deep well installations. Sold on easy terms. Meet Us at the Fairs, and see our line of irrigation pumps in operation. Also see our display of Gasoline Storage Tanks and full line of Sheet Metal Products.
Dodge City, Kansas—Sept. 2 to 7
Kansas State Fair—Hutchinson, Kansas
Sept. 15 to 21
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Get Into a Safe, Sure, Profitable year-round business with the Fords Portable Hammermill and exclusive molasses feed impregnator. Operators make regular weekly net earnings, \$50, \$75, \$100 and more. Equipment may be purchased 25% down, balance from earnings. Write for particulars, Myers-Sherman Co., 1414 12th, Streator, Illinois.
Feed Grinders—Big capacity. Low price. Pays for itself in just a few hours. Satisfaction guaranteed. Miller Mfg. Co., Stratton, Nebraska.
Rich man's Hammermill. Poor man's price, \$39.50. Tractor size \$49.50. Also steel bins and grain cribs. Link Co., Fargo, N. D.

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Wanted: Platform Binder, good condition, priced right. Carl D. Vail, Richfield, Kan.

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

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500 Watt, 110 Volt, alternating current generator \$22.50; 5000 watt, direct current \$55.00; 1/2 H.P. 3450 speed repulsion induction, alternating current motors \$9.75. Butler Electric Co., 1885 Milwaukee, Chicago.
Electric Fence \$1.65. Build it yourself. Safe, simple, six volt plans 20c. H. C. Rose, Franklin, Nebr.

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Wanted: Farmers to use Ruhm's Phosphate; best, cheapest source of phosphorus; everybody needs so badly. Write D. W. Emmons, McCune, Kan., for full information, or Ruhm Phosphate Co., Mt. Pleasant, Tenn.

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Wanted Female Canaries, also Singers and pure bred puppies. Pueblo Pet Store, Pueblo, Colo.

PLANTS—NURSERY STOCK
Thin-shell black walnuts. Rapid growers, beautiful shades; bear 2nd year. Nuts large, easily cracked. Catalog free. Corsicana Nursery, Corsicana, Texas.

SEEDS
Certified Brome Grass
Seed grown in Jackson county, Kansas, is offered for sale by
Carl Billman, Holton
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High Germination Cheat Free

Kansas Certified Seed
Field Inspected and Laboratory Tested
Turkey, Kanred, Tenmarg, Blackhull, Kawvale, and Clarkan Wheat. Reno Winter Barley. Kansas Brome Grass. Kansas Common Alfalfa. Write for a list of growers.
The Kansas Crop Improvement Association
Manhattan, Kansas

Hardy, Recleaned Alfalfa Seed, \$9.90
Grimm Alfalfa, \$10.90; Sweet Clover, \$3.25. All 60-lb. bushel, track Concordia, Kansas. Return seed if not satisfied.
GEO. BOWMAN, CONCORDIA, KANSAS

For Sale—Missouri Winter Barley, 99.46% pure, germination 93%, per bushel 75c. W. Canty, 1/2 mile east of Buffalo.
Certified Tenmarg Seed Wheat, 80 to 90 cents bushel. Bruce S. Wilson, Manhattan, Kan.

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Free—One Roll Developed and Printed Free. Just to get acquainted, we will beautifully develop and print your first 6 to 16 exposure roll Free plus 5x7 inch enlargement Free, also sensational, new folding folio to frame your prints, all free with this ad. (Enclosing 10c for handling and mailing appreciated.) Dean Studios, Dept. 1031, Omaha, Nebraska.

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

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

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Kentucky Natural Flavored Havana tobacco. Send 25c for pound sample of four different varieties. Frank Dittbenner, Route 3, Franklin, Kentucky.

Kentucky's Special—Guaranteed best mild smoking or red chewing, 12 pounds \$1.00. Recipe, flavoring Free. Valley Farms, Murray, Kentucky.

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Clean Soft Water Obtainable. U. S. and Rainbow cistern filters strains and purifies. See dealers. Information free. Filter Company, Bloomington, Ill.

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Maternity. Seclusion Hospital for unmarried girls. Write 4911 East 27th, Kansas City, Mo.

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Newest model Black Walnut Cracker. Compound Leverage, easier operation, larger kernels. Money Back Guarantee. Prepaid \$3.50. Clark Cracker, Harrisburg, Penna.

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

HONEY
1940 Crop Quality Clover Honey: 10 lb. pail 90c; 60 lb. can \$4.25, 10 lb. pail bulk comb \$1.90. Fred Peterson, Alden, Iowa.
Best Quality Clover Honey, sixty pound can \$4.25. Clifford Overbaugh, Frankfort, Kan.

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Make Up to \$25-\$35 Week as a trained practical nurse. Learn quickly at home, spare time. Easy tuition payments. Earn while you learn—many earn hundreds of dollars while studying. Easy to understand lessons, endorsed by physicians. High school not required. Our 41st year. Write for free booklet and sample lesson pages. Chicago School of Nursing, Dept. F-19, Chicago.

HELP WANTED—MALE
Wanted—Young Men possessing natural mechanical ability; high school graduates who want to either learn the machine trade or go to Wichita Mechanical Engineering School. We have openings for ten alert young men. Write for particulars. Cardwell Manufacturing Co., Inc., Wichita, Kansas, R. S. Hershberger, Works Manager.

FEMALE HELP WANTED
\$5.00 Per Day Spare Time, and your own dresses free demonstrating lovely Fashion Frocks. No investment. No canvassing. Write fully, giving age, dress size. Fashion Frocks, Dept. J-1072, Cincinnati, Ohio.

NO TRESPASSING SIGNS
Stop Trespassing. Protect your farm from parties who leave open gates, destroy your crops and clutter up your place. 5 Signs 50c Postpaid. (These signs are so worded and arranged that you can cut them in half making 10 signs, if desired.) They are printed on heavy, durable cardboard, brilliant orange color, 11x14 inches. T. H. Hahn, Kansas Farmer, Topeka, Kansas.

LAND—KANSAS
Farm Home
80 acres about 7 miles from Topeka. 40 acres cultivated, of which half is creek bottom. Balance rough pasture. Good dwelling, barn and other outbuildings; located on gravel road. Taxes \$38.00 per year. \$500.00 cash will handle. Balance payable in monthly installments, which are less than average rent.

For Investment
80 acres unimproved. On gravel road, one mile from Topeka city limits. Subdivision possibilities. Pay \$1,000 cash and balance amortized over 15 year period. An unusual opportunity for a profitable investment.

The Union Central Life Ins. Company
412 C. B. & L. Bldg. Topeka, Kansas

DESIRABLE VALUES IN EASTERN KANSAS FARMS

Right now you have a splendid opportunity to choose from a variety of productive Eastern Kansas farms. The Wichita Land Bank offers these farms on a basis of actual valuation, at prices you'll agree are attractive. Small down-payment. Low interest rates and easy terms. One of these farms will enable you to become a satisfied home owner. No trades. Write for list of available farms, specifying county in which you are interested.

THE FEDERAL LAND BANK
WICHITA, KANSAS

160 Acres Near Emporia on all-weather road, highly improved, an estate, price \$40. T. B. Godsey, Emporia, Kan.

LAND—MISCELLANEOUS

IF IN THE MARKET FOR GOOD SOUTHERN LAND

Investigate the highlands of Southern Louisiana. Low prices with terms the equivalent of cash rent. Ask for descriptive booklet without obligation.

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Farm and Ranch Opportunities in Minnesota, North and South Dakota, Montana, northern Idaho, Washington, Oregon. Write for information on state preferred Land lists available. E. B. Duncan, Dept. 902, Great Northern Railway, St. Paul, Minnesota.

More New Farm Land. Washington, Minnesota, Idaho, western Montana, Oregon. Dependable crops, favorable climate. Write for impartial advice. Literature and list of typical bargains. Specify state. J. W. Haw, 81 Northern Pacific Ry., St. Paul, Minn.

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WORK SHIRTS
Prize Winners for
Wear and Comfort
If your dealer does not have them, write to...
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HEREFORD CATTLE

Hargis & Rubel Hereford Auction

To be held at HARGIS HEREFORD FARM adjoining BELTON, MO. on west city limits. BELTON, MO. is on U. S. Highway 71 just 20 miles south of Kansas City.

Wednesday, September 25

64 LOTS SELL

50 FEMALES, 30 are cows with calves at foot, remainder bred and open heifers.

14 BULLS, 15 to 20 months of age. THE OFFERING is made of correct type registered Herefords that are of the breeds' most prominent bloodlines. The blood of PRICE DOMINO predominating.

CATALOGS SENT ON REQUEST by writing to

W. H. HARGIS, BELTON, MO.
Auctioneer, Roy Johnston, Belton, Mo.

Neal Offers Hereford Bulls

Choice individuals, serviceable ages and younger. Sired by SUPREME PANAMA. Out of selected ANXIETY dams. Also few females. F. C. NEAL, HUTCHINSON, KAN.
In care of Barton Salt Company

HOLSTEIN CATTLE

Shungavalley Holsteins

We are offering for sale 10 head of young cows suitable for foundation animals, bred to excellent bulls. Also calves for sale or lease. Herd federal accredited for TB and Bangs disease.

IRA ROMIG & SONS
2501 West 1st., Topeka, Kan.

BULLS FOR LEASE

Received 18 inquiries to date about bull advertised last week. The breeder who wrote in his first letter "Hold bull, will be after him this week," and then proceeded to tell us about the breeding of his herd and his plans for improving the type and production of his herd, got the bull.

Visit the S.B.A. Dairy during Fair Week. Pick out the cow you would like to have as the dam of your next herd sire and reserve her next son. S.B.A. Dairy is 3 miles west of Topeka on West Sixth Street Road. SECURITY BENEFIT DAIRY, Topeka, Kan.

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

JERSEY CATTLE

Observer's Sir Eagle of Oz

Another grandson of "Old Eagle," is down at Charles Bacon's place, following three other Rotherwood-bred Jersey sires!!! These boys who keep coming back are the ones that tell the story. Rotherwood Jerseys produce at the other fellow's place, too!

A. LEWIS OSWALD, Rotherwood Jerseys
Hutchinson, Kansas

Jersey Bulls --- Hood Farm

breeding. From cows of state championship herd in 1936.
C. E. PALMER, ABBYVILLE, KAN.

MILKING SHORTHORN CATTLE

Breeden Offers Herd Bull

Choice roan yearling. Never raised a better one. Best of heavy producing DUAL PURPOSE breeding. Inspection invited.

LEO F. BREEDEN & SONS, Great Bend, Kan.

Retnuh Farms Milking Shorthorns

We always have choice young bulls and females of strictly DUAL TYPE in offer. Herd founded over 25 years. Good colors, correct type. D.H.I.A. records. Write or visit.

HUNTER BROS., GENESIO, KAN.

Dualyn Farm Offers Milking Shorthorns

We offer bulls 1 year and younger. Also a few heifers, bred and open. We breed the real double-deckers, Beef and Butterfat.

JOHN B. GAGE, EUDORA, KAN.

WIDEFIELD MILKING SHORTHORNS
40 head in herd. Brookside 65th in service. Cows carry the blood of Kirklingston Duke, Imp. Master Sam, etc. Serviceable Bulls and Baby Calves.
Johnston Bros., Brewster (Thomas Co.), Kan.

SHORTHORN CATTLE

Shorthorns--Bulls, Cows, Heifers

20 Bull Calves to serviceable ages. 25 Cows, bred and open heifers. Good bloodlines. Polled and Horned. W. W. and A. J. Dele, Canton (McPherson Co.), Kan.

POLLED SHORTHORN CATTLE

Bird's Polled Shorthorns

Nice Bulls ready for service. Also a few open heifers.
HARRY BIRD, ALBERT, KAN.

60--Polled Shorthorns--60

12th public sale Tuesday, Oct. 15th. 1,000 catalogues. Write for yours.
BANKBURY & SONS, PLEVNA, KAN.

Capper Publications, Inc., Bonds

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

—\$5,000,000.00—

(1) First Mortgage 5½ Per Cent Bonds payable in ten years.

(2) First Mortgage 5 Per Cent Bonds payable in five years.

(3) First Mortgage 4½ Per Cent Bonds payable in one year.

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

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

This announcement is neither an offer to sell, nor a solicitation of offers to buy any of these securities. The offering is made only by the prospectus, copies of which may be obtained by writing to Capper Publications, Inc., Topeka, Kansas. Such requests will be answered promptly.—Adv.

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Hayman Offers Reg. Shropshires

(3) Unrelated strains of best bloodlines. Big husky (farmers' kind) buck lambs, and ewes (open or to be bred). Inspection invited.

H. T. HAYMAN
Formoso (Jewell County), Kan.

HAMPSHIRE HOGS

Reg. Bred Sows and Gilts

Open Gilts and top Spring Boars. Immuned—all market types. Quigley Hampshire Farms, on Highway 59, Williamstown, Kan.

DUROC JERSEY HOGS

DUROC NEWS

Farmers still prefer Durocs! Why? Because Durocs mature quicker on less feed. Desired meat type. Bigger litters. Six-month trial subscription Duroc News for 25c. To locate breeding stock, write Duroc Record Association, Peoria, Illinois

Choice Duroc Bred Gilts

Bred for Aug. and Sept., to Iowa Master. Also Boar and Gilt Spring Pigs, pairs unrelated. 40 to choose from. Immuned. WM. M. ROGERS, Junction City, Kan.

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

BERKSHIRE HOGS

QUALITY BERKSHIRES

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

SPOTTED POLAND CHINA HOGS

Bletschers Spotted Polands

Choice boars and gilts for sale. Vaccinated and registered. Good breeding and quality. HENRY BLETSCHER, BALA, KAN.

O. I. C. HOGS



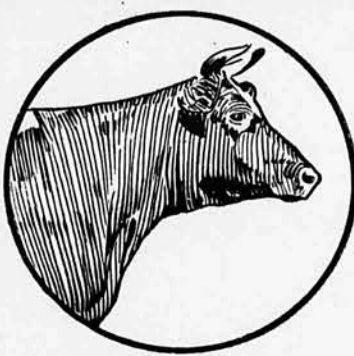
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AYRSHIRE CATTLE

AYRSHIRE DAIRY CATTLE

Fastest Growing Dairy Breed
Write for literature or names of breeders with stock for sale.
See our special exhibit at your State Fair. AYRSHIRE BREEDERS' ASSOCIATION
260 Center St., Brandon, Vt.



Meadowlark Guernsey Farm Sale

Hillsboro, Kansas
Monday, September 23

40 Head

38 bred cows and heifers (high grades, mostly purebred but not eligible to record). Bred to registered high record Rex bulls.

4 cows, 2 of them in milk.

14 close up springers, fresh from Oct. 5 to Nov. 30.

10 two-year-old heifers will freshen in January.

7 two years old for March and April freshening.

5 registered BULLS. (Sons of our proven sire, VIOLAS JOSIE MASHER, and out of dams with D.H.I.A. fat records.) Most of the heifers selling are from heavy production ancestors, both sires and dams.

Everything Tb. and abortion tested. Health certificates.

For more information write

W. L. Schultz & Son, Durham (Marion Co.), Kansas

Sale Under Cover, Rain or Shine

Boyd Newcom, Auctioneer Jesse R. Johnson, with Kansas Farmer



Fifth Annual Sale Southeast Kansas Guernsey Breeders

Parsons, Kan.,

Thursday, September 26

45 HEAD OF REGISTERED FEMALES
6 OUTSTANDING YOUNG BULLS

These cattle come from the best breeding herds in 5 states, including such consignors as:

Pine Manor Farm, Goshen, Indiana
Meadow Lodge Farms and
E. K. Gaylord, Oklahoma City, Okla.
Tom Cooper Farm, Ardmore, Oklahoma
Victor B. Peters, Keokuk, Iowa
J. B. Harden, Ponca City, Oklahoma
Sunnymede Farm, Bismarck, Missouri
Saint Albans Farm, Becker, Missouri
L. E. Vaughan, Webb City, Missouri

And the following Kansas breeders: Geo. F. Sapp, McCune; Carlton Hall, Coffeyville; James Dunkin, Columbus; C. D. Gibson, Thayer; Feess Dairy and the Sun Farms, Parsons.

Cattle from former Southeast Kansas sales have become the foundation of several very fine new herds in several states and have won many prizes at district and state fairs. From this sale you can get the foundation animals you need for your farm.

For catalog address: LESTER COMBS, Secretary, Southeast Kansas Guernsey Breeders Association, Parsons, Kan.

Boyd Newcom, Auctioneer Jesse R. Johnson, with Kansas Farmer and Missouri Ruralist

LAWRENCE STRICKLER ESTATE DISPERSAL

On Highway 96, Northwest of Hutchinson

Wednesday, Oct. 2

35 head (10 of the best cows ever sold at auction in Kansas) most of them by HIGHLAND SIGNET 4th and carrying the blood of the noted OTIS CHIEFTAIN.

8 great daughters of WALGROVE LEWIS (bred to son of FAIR ACRES JUDGE). Cows bred to above bull. Choice young bulls and open heifers by him. Everything Tb., abortion and mastitis tested. Write for Catalog

L. H. Strickler Estate, Hutchinson, Kan.

Boyd Newcom, Auctioneer

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RED POLLED CATTLE

TWO RED POLLED BULLS

Choice purebred calves. One year old. Offering for short time at \$80 each. See them at State Fair. M. D. AYRES, AUGUSTA, KAN.
15 miles east Wichita stock yards.

GUERNSEY CATTLE

Guernsey Calves Four choice unregistered month-old Guernsey Heifer Calves and purebred Bull Calf same age, not related. The 5, price \$118.00, delivered, C. O. D. Lookout Farm, Lake Geneva, Wisconsin

Offer Proven Guernsey Bull

7 years old; daughters average 109 lbs. butterfat more than their dams.
EDWARD DICKERSON, R. 3, PARSONS, KAN.

DAIRY CATTLE

DAIRY COWS 80 strictly choice high grades, mostly Jerseys, few other breeds, milkers, springers and fall freshening and all sound. COWS THAT WILL PRODUCE, also 2-yr-old close springer heifers and a few yearlings. All T.B. & abortion tested. Phone 920421.
CLAUDE THORNTON, R. 2, SPRINGFIELD, MO.

FANCY DAIRY HEIFERS

\$8.00, \$10.00 and \$15.00. Registered Bull \$25.00. Shawnee Dairy Cattle Co., San Antonio and Dallas
Write Box 6313, Dallas, Texas

AUCTIONEERS AND SALES MANAGERS

My business has grown from year to year, selling livestock and real estate the AUCTION WAY.

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Employs methods based on experience. Reg. livestock, farm sales and real estate. I have no other business.
CLAY CENTER, KAN.

HEREFORD HOGS

Greenleaf's Hereford Hogs

Spring pigs, either sex-immuned. Bargain prices.
JOHN GREENLEAF, MOUND CITY, KAN.

All PROMENADE



Fiddle against chest, Pop sets the beat and sings out, "Head couples forward-and-back, side couples all th' same... forward-and-back now once again... dum-de-dum... First man lead to the right hand, docie-dos, SWING that LADY, then lead to the next... over and under, down the hall... All Promenade."

POP LEANS OVER, eyes twinkling, "Look at those young fellows strut," he says, "Promenading their girls around, proud as peacocks. Fine boys, too, good farmers and right smart."
We prick up our ears at that, because speaking of smart farmers reminds us of something we're mighty proud of... the performance record of Conoco Germ Processed motor oil, used all over the farming country by men who are right smart about their oils. So suppose we just "Promenade" a few letters that prove the value of the OIL-PLATING that engines get when you change them over to this fine oil. Now let's see...

ED B. GEUBELLE of Parsons, Kansas, writes, "Conoco Products are used 100% in all my farm equipment... (I get) from 72 to 90 hours service now since changing to Germ Processed oil and to date I have not spent a cent for repairs... will always be thankful for starting with Conoco Products."

H. W. STONEBORGER—Kearney, Nebraska—says, "I have found your Germ Processed Motor Oil very satisfactory... the oil stands up longer... I also notice a minimum of repairs needed since using

Mr. Stoneborger is using Conoco Germ Processed oil in his 1934 Farmall. Just above, you can read what he says.



your product... I believe in your oil and intend to continue using it." Here's his picture, getting a delivery from Conoco Salesmen Dunn and Pringle.

ED STELLING writes in from Emmett, Idaho, to say, "...have used Conoco Germ Processed Motor Oil since it was placed on the market... I operated a 700-acre farm at Otis, Colorado, with a Model L Case tractor... using Germ Processed oil exclusively

...the only expense I had was one valve grind job. Connecting rods, pistons and rings were not changed in the eight years of hard use... the past two years I have been farming an 82-acre irrigated farm using a Farmall F-20 tractor... during this period with my tractor in almost constant use, I have not spent anything for upkeep and my tractor is working fine."

A. C. JOHNSON of Colorado Springs, Colorado, whose picture you see here, has been threshing for



Here's Mr. Johnson sitting on the tractor that has given him 8 years of record service. His letter is quoted in this column.

farmers of the Fountain Valley section since 1920. He writes, "In 1932 I purchased a 15-30 McCormick-Deering tractor... I have used Germ Processed oil exclusively and have had wonderful

success with it. I have had no repair bills and it runs as smoothly as when it was new."

C. W. PRATER is another 100% Conoco customer—has been for 4 years. He tells about a most interesting experience on his farm near Olustee, Okla. "For three years," his letter says, "the 1935 F-20 Farmall did all our work on 380 acres, going day and night. In 1936 this tractor was used for ten days and nights, stopping only for fuel, water and grease without draining the oil and only adding to... We usually run 100 hours before draining, and longer in cool weather, using Germ Processed Motor Oil... I am really grateful for this service."

Now probably you've read similar letters from Missouri, Wyoming, Iowa—many states, in fact—

= THAT'S AN IDEA =

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

You'll find a clean insect sprayer much handier than a mop or cloth for applying polish to floors or furniture. It not only saves polish, but distributes it more evenly. Mrs. Wayne Thompson, Camden Point, Mo.



Here's a hook for a latchless door that lets you open it from either side. Drill a hole in the door frame and run a piece of heavy wire through. Bend it as shown in the sketch. Sides should be long enough to rest on door handles. Mrs. Chas. E. Lockenour, Cambridge, Nebr.

DON'T LET WINTER NEGLECT TIE UP YOUR SUMMER HARVEST!

Heavy oil that fails to circulate properly at low temperatures, may cause the wear that crops up as bearing-failure during your busy Summer season. So change to a lighter grade of Conoco transmission oil before cold weather causes trouble.

Many transmission and final drive bearings are located higher than the oil level. Their lubrication depends on the agitation and circulation of oil from below. And only the proper grade of Winter oil can be counted on to keep these bearings properly protected through cold weather. Heavy Summer oil will channel, won't throw up to the bearings at the top of the housing. Avoid this costly risk—Your Conoco Agent will supply you with the correct Conoco transmission oil—WINTER GRADE.

NOTE: There's another important reason for changing, too. The dirt, metal-cuttings and condensed moisture which may accumulate through a busy season—Winter or Summer—will foul your transmission oil. Only clean lubrication is safe lubrication. Therefore, remember to change the oil in your tractor transmission at least twice a year! (More often, if you give it hard use.)

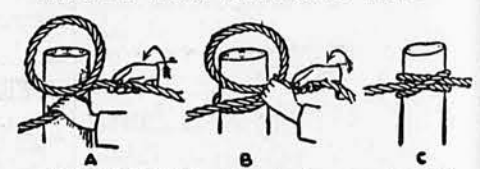
in other issues of *The Tank Truck*. These letters give you reliable evidence that when you use Conoco Germ Processed oil—thereby OIL-PLATING your engines—it's just a question of a short time till you're good money ahead. Naturally, you'll want to know just how OIL-PLATING helps keep engines from quickly wearing down into "oil-eaters," and here's the answer

If You Could See Inside Your Engine

Wouldn't it be swell if you could watch vital parts getting a rich, extra surfacing of lubricant?... a OIL-PLATING... caused by the plating-effect of the extra substance in Germ Processed oil. You'd sure like to see lubricant being made to join to metal—closely—lastingly—as drain-proof as the PLATING of bumpers. But even without seeing, just good old horse sense tells you that such a PLATING of lubricant can be trusted to stay on the job instead of all draining back down to the crankcase. That's why OIL-PLATING—reaching up as high as the topmost travel of the piston rings—maintains a slippery, glossy coat of protection, even when your engine stands idle. Your engine is pre-lubricated—so there's no question of starting "dry," with too many chances of oil starved, metal-to-metal wear that makes engine wear down fast, so they eat up oil. You get good hours of good service from your oil—and months of probably years of good service from your engines—by OIL-PLATING with Conoco Germ Processed oil.

And you get Germ Processed oil from your local Conoco Agent, delivered right to your farm in barrel, 5-gallon buckets, or handy 5-quart and 1-quart dust-proof cans. He'll also supply you with that great Conoco Bronz-z-z gasoline, and not forgetting Conoco tractor fuels, and the right greases for every purpose. Call Your Conoco Agent today.

KNOTS YOU SHOULD KNOW



CLOVE HITCH—The simplest, most convenient and most secure method of fastening guy ropes or other temporary stay ropes. "A" shows a method of tying. Your right hand throws the loops over the post with a simple twist to the right (see arrow). "B" shows how you repeat this for the second loop. "C" shows the finished hitch.



BOWLINE—The most important all-purpose knot. Will not slip or draw tight, and may be untied easily. Sketches "A" and "B" show you how to tie it. "C" is the finished knot.

ALWAYS AT YOUR SERVICE

Your Conoco Agent

CONOCO MOTOR FUELS
CONOCO MOTOR OILS
CONOCO GREASES