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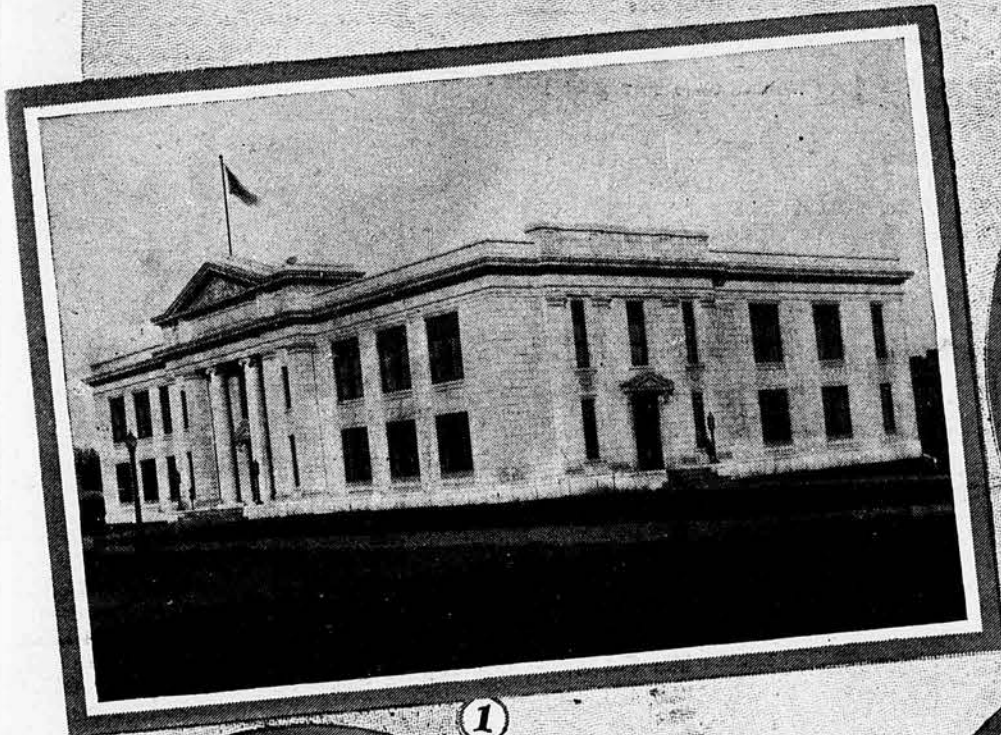
# KANSAS FARMER

MAIL & BREEZE

Volume 68

September 6, 1930

Number 36



1

1. City Hall.



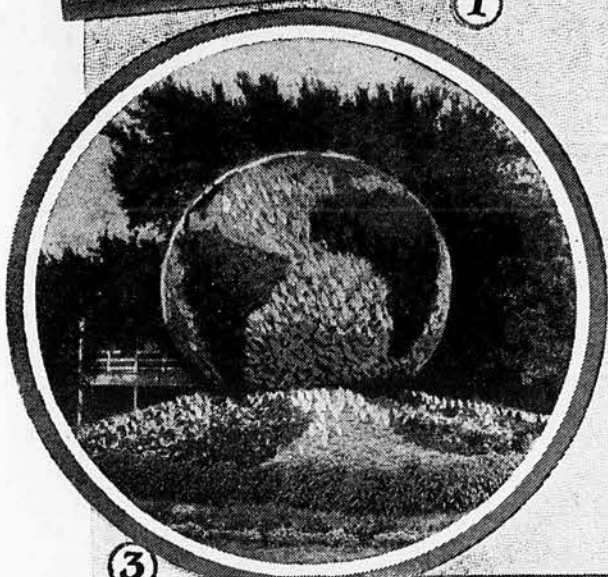
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2. Army War College.

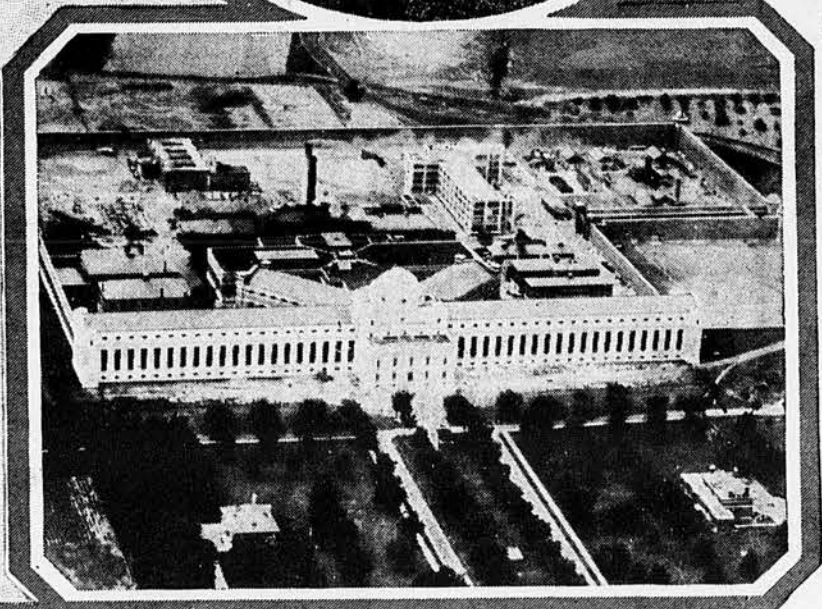
3. "The World";  
Old Soldiers' Home.

4. Federal Peniten-  
tiary.

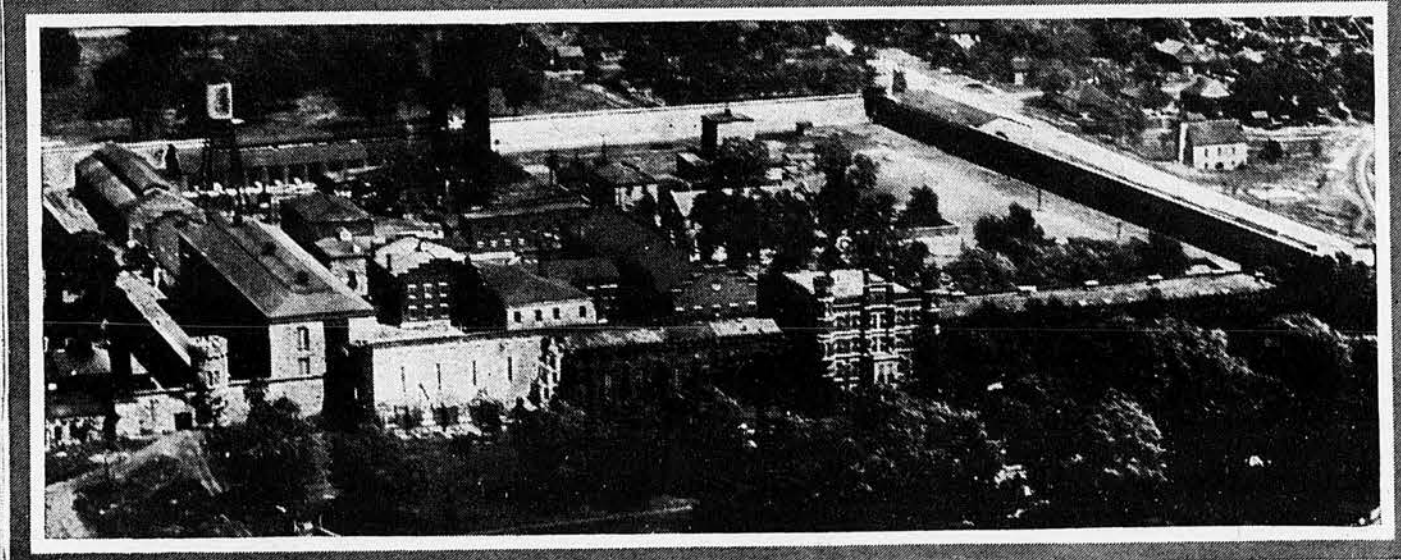
5. State Penitentiary  
At Lansing.



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5

Leavenworth — Rich in History

(See Page 21)



## Fair Attendance on Increase

**Kansas State Fair, September 13 to 19, Expected to Help Set Mississippi Valley Record**

ATTENDANCE at the eight great state fairs of the Mississippi Valley, has made a sharp increase in the last 15 years. In 1915, the total attendance was estimated at 1,502,000. Last year the attendance at the eight fairs totaled 2,870,000. This fair circuit includes the Kansas State Fair which is held annually at Hutchinson, and will be host to Kansas people this year during the week of September 13 to 19.

The growing popularity of state fairs undoubtedly is due to the fact that they are serving a real purpose, particularly in the western states. At Hutchinson for instance, constant advancement is being made in the buildings and accommodations offered people who flock to the fair grounds every year. The great new grandstand comfortably seats 12,600 people and can easily be added to as the need develops.

The state 4-H Clubs will hold a

state-wide encampment in connection with the state fair this year. An encampment building will house the boys and girls from all over Kansas during the fair, and the hundreds of 4-H Club exhibits will form one of the great features at the show.

Chester Hale, noted producer at the Roxy Theater, New York, has been engaged as co-producer in Thaviu's "Cycle of Hits," a great musical production which will be presented in connection with the Hutchinson fair. Visitors at the fair grandstand will see the chorus in routines similar to those offered by Ziegfeld and George White. Hale also produces ensemble numbers for these famous revues. The Thaviu production this year marks the silver anniversary of the famous Thaviu band and the jubilee celebration will embody a span of 25 years experience. Fifty individual artists will appear in the "Cycle of Hits." In addition to this great feature the fair

program offers a variety of entertainment, including a nightly fashion revue, vaudeville, circus acts, automobile races, horse races and fireworks. On the midway there will be 30 side-shows and amusement rides.

Reduced railway fares will apply from all parts of Kansas for people who are traveling to Hutchinson to attend the fair. Another popular feature of the Hutchinson show, designed to make it economical for the large family to attend, is "Tent City" where one may camp out during the entire week. The camping space is free and a large community house where shower baths and other facilities are provided, is located right in "Tent City." Tents and equipment may be rented on the grounds.

### Grain View Notes

BY H. C. COLGLAZIER  
Pawnee County

It is with considerable satisfaction that we are able to report that locally the drouth is broken. And when we say broken it is literally true because hail as large as baseballs came with the rain. The largest hail stones measured 7 to 9 inches around after the storm was over. The storm shredded

the corn, harvested the alfalfa seed and plugged the watermelons all in one operation. In Larned the hail was more severe than here. It was the worst hail we have had since 1916. At that time we measured hail stones 3 inches around. The storm was pretty severe on roofs and window lights. We were fortunate in not having any damage to buildings. The school building a mile south lost about 300 window lights. A neighbor who has a composition shingle roof on his dairy barn will have to replace it with a new roof. The rain was fine but we did not relish the hail. A part of the county still is dry and needs rain badly. Volunteer wheat is coming thick and farmers are busy "busting" ridges and working the early tilled ground to get rid of the volunteer wheat and weeds. The harrowing of our ridges was a great benefit with such a dashing rain as came. There was very little water standing in our ridges because the loose dirt in the furrows held back the water until it had time to soak down. Altho the corn was badly beaten it has greened up some since the rain and will mature considerable growth for the silo. Alfalfa has taken a new lease on life since the rain and may make a fair cutting yet before frost.

# CORN COMBINE HARVESTS CORN FOR 2 $\frac{68}{100}$ CENTS A BUSHEL

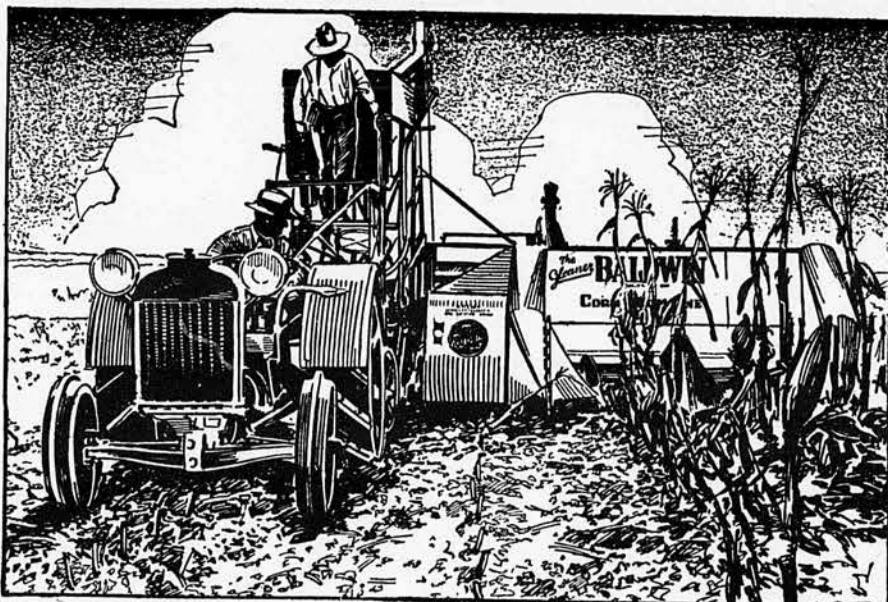
GLENER BALDWIN CORN COMBINE CUTS, SHELLS AND CLEANS STANDING FIELD CORN AT ONE OPERATION AT UNUSUALLY LOW COST ON SOUTH TEXAS FARM.

In south Texas a Gleaner Baldwin Corn Combine recently harvested untopped standing field corn at the exceedingly low cost of 2-68/100 cents per bushel. (Drawing from actual photograph at right.)

Never before had corn harvesting been done so quickly or at such a sensationally low cost. Here's a machine that eliminates the backaches, sore hands and the long weary hours in a corn field; eliminates the extra help and horses and several expensive machines. It is no longer necessary to pick corn an ear at a time. The extra wages paid to hand pickers are turned into profits.

8 TO 10 CENTS A BUSHEL  
EXTRA PROFITS.

The corn combine has solved the corn harvest problem. It makes the harvest a matter of days instead of weeks. It does the day's work of the best hand picker in an hour. It saves the corn, shells, cleans and bins it and clears the field ready for the plow, in one operation. It cuts two rows at a time—as much as 20 acres a day. It does the job better and quicker, making from 8 to 12 cents extra profits on every bushel of corn harvested.



TWO MACHINES IN ONE.

The Gleaner Baldwin Corn Combine can be converted into a wheat combine, and if you own a Gleaner Baldwin Wheat Combine it can be converted into a corn combine. Thus, one machine and an attachment harvests corn, wheat and other grain and seed crops the modern way, adding extra profits to your income with a small investment.

### THE ONLY CORN COMBINE.

There is only ONE corn combine. It is the Gleaner Baldwin, representing the best in design and construction—built of the best material.

Don't delay this opportunity to make extra profits from your corn this year. Now, of all times, you need labor saving, cost cutting machinery. Mail the coupon today for free literature. No obligation. We want to tell you about the world's greatest, most useful combine.

We received an inquiry from a party at Quinter who wishes to buy sows and gilts that will farrow early this fall. They say the corn crop is good in that part of the state and that hogs are scarce for feeding. It seems to be a general condition that hogs are scarce. Most farmers locally keep only what sows they wish for their own pig crop. It is reported large numbers of shoters are going on the market from the drouth stricken areas. This being the case chances are that heavy hogs will bring good prices before another season comes. We are planning on increasing materially the number of sows we keep for spring pigs. Bred sows likely will bring very good prices next spring. From our home state, southern Indiana, farmers are getting rid of every head of stock they possibly can because there is no feed to keep them. It is reported Louisville, Ky., has refused to take any more cattle. The market is saturated with the thin, common classes farmers have dumped because of lack of feed and shortage of water. If these conditions are generally true it would seem that hogs, cream and poultry would be good prices this coming winter.

Those who have threshed their alfalfa seed find yields are fairly good, ranging from 2 to 5 bushels an acre. There will be a large amount of certified seed produced locally this year. A plan is on foot to sell the seed under a common brand. A tag bearing the likeness of an Indian will go on the seed produced in Pawnee county.

The dial telephone removes all the old wrong numbers from the telephone operating-room and distributes them around among the customers.

GLENER COMBINE HARVESTER CORP.  
1453 Hayward Ave. Independence, Mo.

**Gleaner BALDWIN**  
**CORN COMBINE**

COUPON  
Gleaner Combine Harvester Corp.,  
1453 Hayward Avenue,  
Independence, Missouri.  
Please send me full information on your  
Corn Combine.  
Name.....  
R. F. D.....  
Town.....  
State.....



# KANSAS FARMER

By ARTHUR CAPPER

Volume 68

September 6, 1930

Number 36

## These Extra Helps Pay a Bonus

*They Are Old, Yet New to the Man Who Tries Them for the First Time*

By Raymond H. Gilkeson

A NUMBER of things have been enlisted by Frank Komarek, of Saline county, to help do his work. A few years ago he was trying to get along without them, and according to his admission he put in a lot of time, money and effort without obtaining nearly such satisfactory results as he enjoys today. These factors include sanitation, legumes, self-feeders and plenty of good fencing. There certainly isn't anything startling or even new about these things. That is, they are common, everyday subjects of conversation and of written articles, and happily they are readily within reach of many, many farmers in the state. But even if these items are as old as many other things under the sun, they still are new.

Indeed, they are new to the man who hasn't employed them before. And when some job is made easier, less costly and more profitable, and when features are worked in that awaken new life in farming operations and result in much better progress, they are indispensable for that particular farmer and his farm.

Sanitation results on the Komarek farm are at once evident to the visitor. This Saline county farmer has raised hogs for 10 years, but as he puts it, "I got after the job in a real businesslike way just about three years ago." By that he means he changed from just raising pigs to really growing them. "I had to change my system in an effort to make my work with hogs at all profitable," he explained. "I had been keeping them on the same old ground for years and, of course, worm troubles developed and stunted the pigs. It was very unsatisfactory, and I see it now, to market pigs weighing 180 pounds at 6 to 7 months old. That would be a good average under the old method."

When Mr. Komarek decided to try a sanitary system he went after it with a determination to give it a real chance

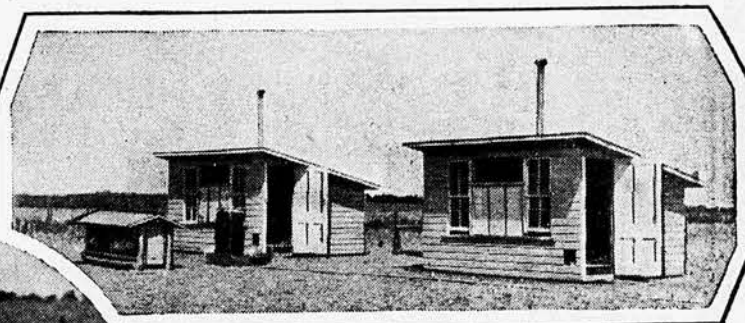
averaged 234 pounds. A difference there of 17 pounds under the top record, but at that it is far superior to the old weights. And any hog raiser knows that a lot of things could cause a difference of 17 pounds, even under very favorable sanitary conditions. One thing Mr. Komarek believes in now is cross-breeding. He is using purebred Duroc gilts and a purebred Poland male. This will be carried on in the future if it continues to prove as successful as at present. More pork to the hog, of course, is the idea.

Extra steps, unnecessary labor and inconvenience in the hog end of farming have been consigned to the days of long ago, the same as old, germ-infested lots, poor feeding methods and lack of pasture. Obviously, sanitation isn't entirely responsible for the new-found success with the hogs. Better feeding and good pasture come in for their share of the applause, as well as better housing.

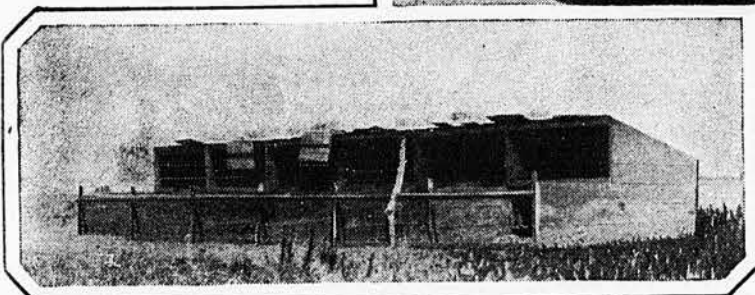
Feeding likely used to be just a chore. Then shelled corn, ear

cuts off the flow from the barrel. This is simple, inexpensive and the whole thing can easily be moved on the skids. It is readily seen that the new features just mentioned aid greatly in the farm work, because Mr. Komarek, like other good farmers, finds it important to hold down wherever possible on paying out money for hired help. He knows, too, that self-feeders, automatic waterers and sanitation work for him 24 hours a day.

And so do legumes, not only by way of boosting pig progress, but also thru their ability to build soil fertility. "I used to have a little pasture," Mr. Komarek remarked, "but the place wasn't fenced enough so I could carry out any pasture plan. However, I have put in 500 rods of fence to make up for this deficiency. And this fence will pay for itself in time, not for hogs alone, but also by making it possible for me to



The Top Photo Shows Komarek's Brooder Houses on Clean Ground With Self-Feeder and a Fresh Supply of Water Available. In the Round Picture Is the Homemade, Automatic Hog Waterer. Next, a Roll of Lath Corn Cribbing That Goes Around Farrowing Houses to Hold Straw in Place as Insulation Against Winter Cold. Hog Houses Are Built in Double Units, and the Lower Picture Shows Two of Them on Clean Ground



to pull him away from sick pigs. New lots were provided and temporary farrowing quarters constructed. "We didn't have very fancy equipment and things were not very convenient just at that time, because we put the sows most any place to get them on clean ground," he said. The new idea worked. It was entirely satisfactory this spring and will be carried on, well, so long as this particular farmer has anything to do with porkers.

Here is how well it works. The best record Komarek has made to date under the new system was this: He marketed 57 head of hogs that lacked only 7 pounds of averaging 251 pounds to the head. That would mean that each hog, still taking averages, lacked a fraction of a pound of tipping the scales at that weight. We might as well say 251 pounds, then, as the small difference easily could be accounted for in shrinkage after the hogs left the farm. Now compare that average with the old-timer of 180 pounds at the same age, of between 6 and 7 months. There is a difference of 71 pounds to the individual animal. We wish to say again that this is the best record Komarek has made and, of course, not the average. Last summer, for another example, he marketed 84 pigs at 6 months and 20 days old that

corn and shorts were fed in no regular system, and perhaps not exactly at the same intervals. Today a good deal of the feeding work goes on without Mr. Komarek's presence, because the self-feeder is on the job. The pigs are creep-fed after they are 2 weeks old, and they eat at will thereafter. This year the feeder contained 70 per cent ground corn, 20 per cent ground wheat and 10 per cent tankage. This is different at times, of course, depending on the feeds that are available, and what they cost. "I make sure to put the feeder in the shade on hot days," the owner said. "The big thing is to get the pigs to eat all they should of a well-balanced ration. My pigs never get hungry in their lives, or thirsty."

This latter reference to the water supply is true. Komarek made a hog waterer that works as "nice as you please." He fastened a good, metal oil barrel on skids with iron straps. In front of an end of the barrel, and also fastened to the skids, is a trough 2½ feet long by 8 inches wide, with three bolts across the top to keep the hogs from getting into the water. Just the right connection from the bottom of the barrel to the top of the trough keeps the barrel air tight, so that when the water gets to the top of the trough it

get my land into Sweet clover in a profitable way to build up the land. That is one of my problems, and the fence will help with my rotation." Alfalfa, wheat, Sweet clover and Sudan all come in for their part in the hog project. The alfalfa is fed as hay in the winter, and the others are pastured. "If I could grow all the alfalfa I want I wouldn't worry about anything else," Komarek said. "But Sweet clover helps greatly. I have limed the clover, as much as 3 tons to the acre." He took possession of his farm in 1920, has lived on it six years and started the fertility-building program two years ago and intends to give every acre the help of legumes. Crop yields already are showing up better than in the past.

Better hog houses were a natural addition to equipment after the work with the porkers took on the new and more promising angle. Three two-unit houses have been made and more will be in the future. Adjustable boards make up the top half of the front, aside from the doors, and these can be taken out during cold days to allow the sun to shine in while at the same time drafts are eliminated. The roof of each house is made of tin and might be cold, except for the fact that 6 inches of straw loft are put in for winter days. This also serves as insulation against the sun's heat in summer. To make for more comfort, lath corn cribbing is put around three sides of the houses in winter and the space between this and the house is filled with straw. This helps to keep out the cold and does a good job of closing any cracks.

About 250 White Leghorns were started last season and this breed is to be kept, since they have proved very satisfactory. At first baby chicks were purchased, but for 1930 hatching was done at home. It all depends on conditions as to how the supply of chicks will be obtained in the future. Mr. Komarek likely will have a certified flock during the next poultry year, and then more hatching eggs and baby chicks probably will be sold. Sanitation is the rule with poultry, just the same as with hogs, and it also works. Clean runs are provided for chicks at first and then clean range. Self-feeders and water piped from the well to a drip-barrel-waterer eliminate a lot of time-taking work.

Mr. Komarek has about 70 acres of wheat, no corn, and some good kafir. Last fall's crop of Pink kafir was certified and all was sold for seed,



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ARTHUR CAPPER, Publisher

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RAYMOND H. GILKESON, Associate Editor  
ROY R. MOORE, Advertising Manager R. W. WOHLFORD, Circulation Manager

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## Passing Comment

By T. A. McNeal

IT IS always difficult, for me at any rate, to determine what to write about a travel tour. Every part of this country and every other country visited by tourists has been described dozens of times; sometimes with reasonable accuracy, sometimes purely for advertising purposes by real artists in the descriptive line who are not hampered by facts when the facts are calculated to interfere with the beauty of the description. So almost every American who has any interest in history or geography has seen or read something about the different localities visited by tourists. I rather dread boring my readers by repetition of what they already have read, by descriptions of what they either already have seen personally or thru seductive, highly-colored pictures accompanied by somewhat exaggerated written legend.

I have just finished a journey of more than 5,500 miles in company with nearly 200 ladies and gentlemen of all ages, sizes and occupations, altho most of them were farmers, or farmers' wives and daughters, representing six different states and 55 different counties in Kansas. The states represented were Kansas, Arkansas, Colorado, Nebraska, New Mexico and Oklahoma. The nationalities represented included English, Scotch, Irish, Swede, Norwegian and German. The ages ranged from 16 to 80 and the weight, I would judge, from 90 pounds to nearly 300. The complexions ranged from the most decided brunettes to the fairest of blondes, the hair varied from inky black to snowy white, and in quantity from the mop which almost defied the comb, to the vanishing point. People always interest me. I often wonder whether I interest them as much as they interest me.

My old county of Barber, which hasn't so far as I know a swamp in it, sent a Marsh. Barton county showed the varied origin of its people by the names of its delegation—Brown, Bernstorff, Hartman, Kroutwurst, Rehme, Weber and Whaley. Brown county was represented by Mrs. Geiger, a name that might have originated in any one of several countries. From Butler came the Corbins and the Faulconers, probably of English origin, and McIntosh, clearly Scotch. Clay sent Martin, which might be either Irish or English, and Muston, whose ancestors may go back to any one of three or four nationalities.

From Coffey came Cottingham, probably English, and Schwab, clearly German. From Comanche came the Denneys, probably, but not necessarily of Irish ancestry, and Mrs. Jackson, wife of Comanche county's representative. From Cowley came Mrs. Peak, probably of English origin, and from Crawford, Miss Price and Mrs. Waterman; those sound like English names. From Decatur came Esther Dixon—you can have your own guess at the nationality of that name, Axel Ericson, a fair-haired descendant of Eric, the Red; the Fishers, newlyweds, and Fred Kuhlman, probably of German origin. From Dickinson, Jake Steffen, maybe German, maybe Scandinavian. From Edwards the Falsings, the Hilbishes and the Lancasters, all rather unusual names. You have your guess at their nationality. From Ellis, Miss Royer and from Ford Mr. Hink. From Franklin, Mr. and Mrs. Hudelson and from Geary Mr. and Mrs. Waters. From Gove county Mr. Miller, who harvested a 7,000 bushel wheat crop before he started, and from Gray county, Luella Pegram and Lloyd Sutton. Again you may guess at the nationality.

From Greenwood, Mrs. Bilson; that sounds like Scandinavian. From Jackson, the Hoods and one of the best-known of our Kansas country editors, Ben L. Mickel, who also holds the record for continuous service as a Kansas postmaster. A serious, temporary calamity occurred to Ben during the latter part of the journey; he lost his voice to the extent that for a time he could not speak above a whisper, and Ben likes to talk. Also I may say, people like to listen to him. Josephine Werner represented Kingman county, of German ancestry I would say. Mr. and Mrs.

Zimmerman came from Kiowa county. Two ladies, Grace Flick and Emma Grundald came from Lane. H. F. Bente came from Leavenworth county.

Note the names of foreign origin from the good county of McPherson—Crarry, Dahlsten, Kaufman, Sand, Waltner and Yoder, mostly Scandinavian or German. Tall, blonde Chris Hart came as the only representative from Marion, while Marshall sent five, Mr. and Mrs. Brammer, Claude Johnson, Laura Ragan and Julius Rahe. Four from Mitchell, Alex Fobes, Emma Fobes, Mr. and Mrs. Charles Minch and Mavis Minch. Miss Dewell and Miss Smith represented Neosho county. Mr. and Mrs. Cutting, E. O. Cutting, Mrs. Feichtinger and Kate Montague came from Norton, while Mr. R. G. Crow was the lone bird from Osage. W. J. Craig represented Osborne county and two Hubbards, E. E. and Edith S. came from Ottawa county. Pawnee was represented by Mr. and Mrs. Sidebottom and Mrs. Rozel. I. N. Shriver and Frank Novotny came from Pratt, and J. W. Latimer from Rawlins. Mable Freeman repre-



THE COMFORTER

sented Republic, while H. J. Rickenbrode, C. Stecher and D. J. Yoder represented Reno. That man Rickenbrode, by the way, trimmed me beautifully and with considerable ease at my favorite game of checkers. Note the names of the representatives from Rice—Ernest Boldt, Henry Boldt and Mr. and Mrs. Habiger. Perhaps you can guess their ancestry.

From Rooks came Homer Doughty and Mr. Shiney, from Rush. Mrs. Gross and Mrs. Workman, from Russell, Mrs. Barrier, Mr. Bookover and Mrs. Lonner from Scott; Josh Carey, Wallace Goodrich, Louise Kuhn, Juanita Rose, Ethel Smith, Mrs. Vollweider and Mrs. Wyman from Sedgwick.

Shawnee sent the largest delegation: Winifred Banks, Mr. and Mrs. Bundy, Mrs. Clayton, Mrs. Frances Dawson, I. G. Fletcher, F. L. Hocken-hull, Lillian Kirkpatrick, William Kirkpatrick, Blanche Kaufman, Irma McCollough, Maud Mitchell, Fred Nihaus, J. F. Oberhelman, Mabel Olson, Henry Sondker, Mr. and Mrs. Stephenson, Mr. and Mrs. W. F. Thompson, Lulu Tregemba, Frances Wegele, Mrs. Westernhagen and daughter, Helen; A. E. Wheeler, Mr. and Mrs. O. H. White, Mrs. Lord and Susie Sweet.

From Sherman came Mr. and Mrs. James; Smith county was represented by Margaret Douglass and Mrs. Nettie Douglass, Mr. and Mrs. C. D. Fisher, Ruth Fisher, Richard Fisher and Mr. and Mrs. Grauerholz. From Stafford county, Mr. and Mrs. A. J. Smith, Mrs. Edith Bauer, Mrs. Hingey, Fay Hingey and Jane Mather. From Stevens county the Rapp family; from Summer county, Helen Kerr; from Thomas county, Mr. and Mrs. Carpenter and Mrs. Shull; from Wabaunsee, Mr. and Mrs. Hearst and Mr. and Mrs. Wolgast; from Washington, Richard and Alice Ayres, Leonard Berger and Henry Potts. Kate Morrell represented Arkansas; Mrs. Reed, Colorado; Mary Fisher, Nebraska, and Mr. and Mrs. Redman,

New Mexico. Oklahoma sent a delegation made up of Mrs. Campbell, Rose Durscher, Mr. and Mrs. Grove, Miller Hurley, Katie Kirkpatrick, Mittie C. Nichols and Anna Pickler.

It was a good-natured crowd. I heard only one general kick and that was when a supposed first-class hotel in Vancouver, B. C., served paper napkins with the first meal; evidently the management tumbled to the general dissatisfaction, for cloth napkins appeared at all the other meals served by that hotel. Even those who for 13 nights hand running climbed ladders to get into upper berths made no vocal complaint. The meals served on the diners were excellent without exception, but as there were most of the time only two diners on the train and as each accommodated only 30 persons, a good deal of waiting was necessary. But there was no grumbling. It was I think, the best-natured crowd of its size I ever saw. People from Kansas, Oklahoma, Colorado and New Mexico are not finicky as a rule. They are disposed to take things as they come and make very little fuss about it. That crowd of nearly 200 were 95 per cent farmers or farmers' wives or daughters. They knew that the drouth and hot sun were burning up the corn crop but I do not recall that I heard a whimper out of any of them. Neither were they damning the Government or proposing to raise hell unless something was done about crops and prices.

Maybe they were not entirely happy but if so they did not show it and when the long journey of more than 5,000 miles was ended I talked with dozens of them and every one declared that he or she had had a good time. They were not chewing the rag about anything. I call that a rather remarkable record.

This preliminary chapter may not be very interesting to my readers. The names and residences of these travelers were interesting to me because they represented a fair cross-section of Kansas rural life, and because they show the wide diversity of origin of the Kansas people. I do not believe any state in the Union has a more cosmopolitan population than Kansas. Within this great parallelogram live people of every race and every nationality. While emigrants from Northern Europe or their direct descendants of the first, second or third generation, constitute the majority, Southern Europe is fairly well represented, and there is a sprinkling of Orientals. To converse intelligently and easily with all of the inhabitants of Kansas one would need to be familiar with at least 14 different languages. Kansas has been a great melting pot and the fusing process is bringing about a homogeneous people with a general similarity of ideas and ideals. The average Kansan does not expect to recline continuously on flowery beds of ease; he does not hope always to have things his way. When they are not favorable he makes little complaint. In times of prosperity he spends his money freely, and in times of adversity gets along as best he can, remaining reasonably cheerful. In the succeeding chapters of this story I hope to give you a general view of the country thru which we passed and which some of you no doubt have seen for yourselves.

## "And She Wrought Diligently"

ACROSS the street my neighbor is working among her flowers. She is small and active. Her hair is black and wavy. She acknowledges 72 years, but you would not suspect that many, watching her get about. Her dooryard is full of flowers. Not any formal garden or any color scheme. Just flowers, lots of them. All the old-fashioned varieties flourish, gayly crowded together. Hollyhocks, larkspur, four-o'clocks, ragged robins, pinks, sweet Williams, marigolds, portulacca, snap dragons, poppies, lilies, roses and many others in their season.

Left an orphan at an early age my friend was reared in a pioneer family in days of many privations and much hard work with little chance for



schooling. While quite young, she married a farmer and continued a life of hard work with the added care and responsibility of much child bearing. Six sons and three daughters reached maturity. Two died in childhood. She has been a widow for 23 years. Ten years of this time she lived on the farm. After selling the farm she bought the cottage across the street. Thru her plans and efforts the younger children have had the advantages of high school and college, and a grandson who has made his home with her has finished high school this year.

When the World War came on the two younger sons enlisted. One met death in the Argonne. Among my memories of that trying time, is one of the look on her face during those months of uncertainty when no word came from him and the boys of his company did not know what had become of him. Like so many others, he was just "missing." Months later she followed his flag draped casket to our quiet cemetery and now many of her choicest flowers find place there. I really started in to tell of her quilts but if you have read this far you will like having this little sketch of her life as a background for the quilts.

Women of all ages have tried to express their love of beauty and design in a creative way. Those having the advantages of means and training have made use of looms, shuttle, brush or chisel as mediums of expression. Our pioneer women had to turn to more humble means. They had to combine usefulness, too, with their effort to create beauty. So from bits of cloth or worn out clothing evolved the rugs, carpets and quilts for their homes.

In the days when all the sewing for the growing family was done at home, every scrap of new material was carefully saved for quilt pieces. Sometimes I think, the girls' dresses and aprons and the boys' shirts were selected with the view of how the scraps would combine in some favorite quilt pattern. Quilt piecing was not fancy work. It was the good housewife's thrifty way of supplying bed clothes for the long, cold winters, with unheated bed rooms the rule rather than the exception.

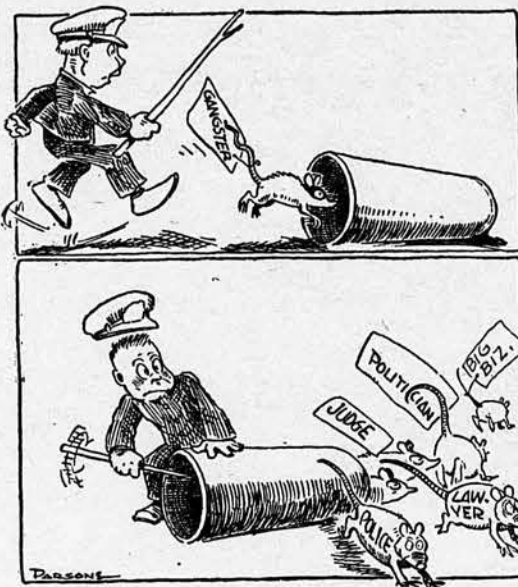
Fancy patterns and light weight quilts were all right for summer, but it took a goodly number of big heavy "comforts" to keep the family warm thru the winter season. Old woolen dresses and the best portions of the men's coats and trousers were washed, pressed and pieced into "comfort tops." They often were quite pretty, when she had judiciously scattered the bright colors among the dull ones. Aniline dye turned faded woolen into lovely reds.

My neighbor kept her family well supplied with bedding and as the boys and girls went into homes of their own she gave generously of her store. Always there were quilt blocks and comfort tops in the making. She used all the scraps of her own and her children's families. It became the habit of her relatives to save all suitable scraps for her quilt making. She began to make a fine quilt for each grandchild, not just scrap quilts, but elegant combinations of color and ma-

terial. Blazing Star, Sunburst, Pine Tree, Flower Basket, Ocean Wave, Album, Pine Cone, Log Cabin, Irish Chain, Old Maids' Puzzle, Crown of Thorns and many other intricate and beautiful patterns took shape under her industrious fingers. I tried to get her to make an estimate of the number of quilts and comforts she had made altogether, but she just laughed at the idea, saying that she had been making them all her life.

I took paper and pencil and we began to count up how many quilts she had made for each child and grandchild in recent years and we found that she had given 44 completed quilts to her sons and daughters, also two comforts and nine pieced "tops." Twelve of these were given when fire destroyed the homes of two sons. To her grandchildren she has given 17 completed quilts. She has made five quilt tops from difficult "all over" patterns for friends, for which she accepted pay.

I find she now has on hand 17 beautifully-pieced tops all ready for quilting. Among these later efforts are some striking and beautiful color combinations. In her home she has in use 10 good quilts and various comforts. This makes



a total something like 76 quilts—pieced, quilted and all—and 31 pieced tops in the last 10 or 12 years. A few of these she has hired quilted but most of them have been done in her home with very little assistance. There usually is a quilt in the frames. This is quite a record, especially when one takes into account the great amount of other work she has done in house and garden.

I claim for her a high place in the ranks of women who have expressed themselves in an artistic way and I hope this sketch gives you some idea of my friend Sarah Johnson of Soldier, Kan. Her type is not plentiful. May she live happily for many years among her flowers and beloved quilt pieces.

Minnie Graham Mickel.

## To the Land Office

Is there any public land in Kansas open to homestead? How many acres can a man homestead in Colorado? How long does it take and what is the cost? Where can I write to find out full details? R. A. W.

If there is any public land left in Kansas it must be some that is utterly worthless. In Colorado there are many thousands of acres of public land. A great deal of this, of course, is worthless, but probably some of it is fairly good land, and some that is not very good for agricultural purposes may be of some value for grazing. The Government has a number of kinds of public lands. Write to the United States Land Office, Washington, D. C., for full particulars as to the kind of public lands that may be taken up, how they may be taken and the cost of entering and proving up said lands.

## Valid for One Year

Will you please state what is the Colorado law pertaining to oral agreement as to leases in this state? I agreed to farm my wife's uncle's place on the share, but did not have a written contract. I have 200 acres in seed and worked. Am I obligated to stay any length of time, and can he put me off the place? O. W. M.

A verbal lease in Colorado is valid for one year. And so long as it is valid it is just as binding as a written lease. The crop which you have planted, presumably with your landlord's consent, you have a right to harvest. If you abandon the land before the termination of your lease and your landlord is damaged by such abandonment, he might have an action against you for damage incurred. Your landlord cannot put you off the place so long as you fulfill the terms of your contract.

## Into the Waste Basket

Is there any law against sending chain letters? I get so tired of them. They write that there will be a great calamity happen to you if you don't write these letters and thereby break the chain. Mrs. R. W.

Unfortunately there is no law that forbids this sort of nuisance. If you are annoyed this way simply throw them in the waste basket.

## Minimum Age Is 14 Years

How old does one have to be to be permitted to drive a car alone in Kansas and Oklahoma? M. M.

The minimum age in Kansas is 14. I do not happen to have the Oklahoma statutes at hand. I think the minimum age, however, is the same in Oklahoma that it is in Kansas.

## No Blind Man's Pension

If a man is a citizen of Kansas and has been in the state and lived in the county of Republic for 40 years, could he draw a blind man's pension from the state? L. A. N.

The state does not provide for a blind man's pension. This man must look to the county of Republic in which he lives for assistance.

# Taxes Make a Home a Luxury

A CERTAIN Mid-West citizen lived in a rented house 15 years ago, and it was a good one. Today he owns his home and the taxes on that home equal the rent he was paying up to the time he became a home-owner.

Add to this man's taxes on his home, the costs of its insurance and upkeep, and we discover that it has become a luxury to own a home.

This condition is general, not unusual. But we cannot call it a healthy condition when it is cheaper to live in rented homes and on rented farms than it is to own and pay taxes on them.

It is merely trite to say that anything which discourages owning a home also penalizes thrift and is destructive of a sound and wholesome national life. Yet today this fact has become an ugly and an ominous truth.

Until we equalize the burden of the costs of local government this condition will persist.

Today in two-thirds of the 48 states, the town and city home-owner suffers, as does the farmer, from a system of taxation established when the country was new and when 90 per cent or more of its wealth was in land.

Today, with other forms of wealth nearly as great as the value of land, even in agricultural states, the old basis of taxation, the general property tax, is still made to pay the major costs of government in about 32 states.

Is it strange that the percentage of people owning real estate has shown a marked decline in the last 10 years, altho wages and salaries have shown a marked increase?

In Iowa, earnings from real estate and tangible personal property come to about 27 per cent of the people's total income, but this 27 per cent is compelled to pay more than 90 per cent of Iowa's state and local taxes.

Forty per cent of Iowa's population lives on the farm. Its taxable income ranges from 15 to 20 per cent of the taxable income of the state. But it pays 70 per cent of the state tax.

In Illinois, real and other tangible property produces only 10 per cent of the net income of the people, but pays 90 per cent of the taxes.

Governor Emmerson estimates that the people of Illinois own from 12 billion to 14 billion dollars worth of productive par value stocks, bonds and other securities. Their total value is not much less than the total value of all real property in the state.

However, what the assessors have listed of this class of property in Illinois amounts to less than 7 per cent of the state's total assessment and pays only 10 per cent of the state's total property taxes!

To correct this glaring inequality Illinois probably will amend its state constitution and permit the legislature to enact an income tax law with graduated rates.

This will be done not to add a new tax, but to lift some of the burden off the back of the sorely oppressed general property owner by compelling in this way 45 per cent of the state's wealth which has been escaping taxation, to pay its share of the expenses of government. Kansas,

where these same unjust inequalities exist, will vote on a similar amendment this fall.

There is no fairer tax than a tax on incomes because it is based on the ability of the owner of the income to pay the tax. More than one-third of the 48 states now have a state income tax for this reason.

From 1909 to 1919 agriculture received 20 per cent of the total net income of the country and paid 315 million dollars a year in taxes. Since 1920 agriculture's share of the national income has been little more than 10 per cent.

But while agriculture's income has decreased about half, the amount of taxes levied on agriculture has doubled and almost trebled, amounting to 890 million dollars in 1926.

Where formerly taxes took 11 per cent of the farm's net profits, for the last 3 years the average has been more than 30 per cent.

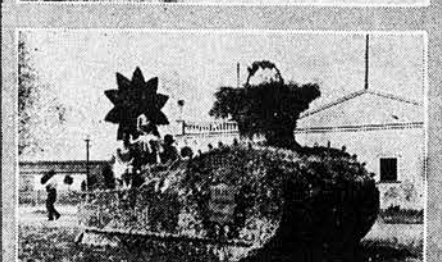
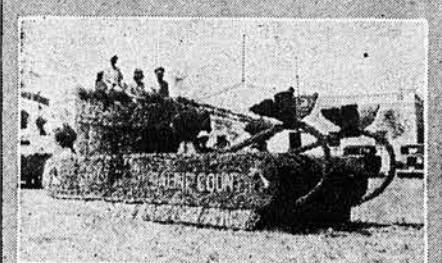
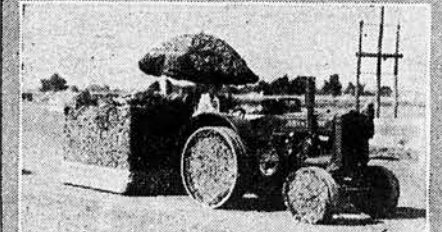
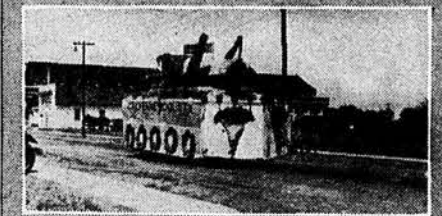
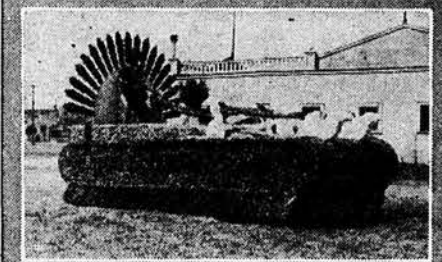
These figures from authoritative sources, show how necessary is equality of taxation to the progress and prosperity of most of the states, the producing states in particular.

The need is for a state income tax. It will put on the tax roll a huge amount of intangible property which now escapes taxation and bring much needed relief to a grossly overtaxed industry and to the almost equally overtaxed home owner.

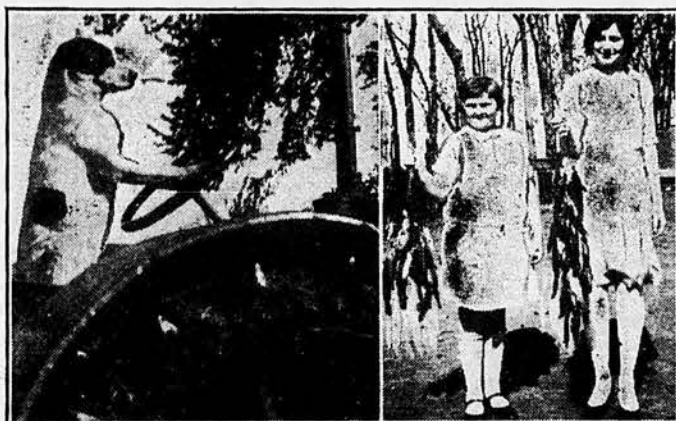
Arthur Capper



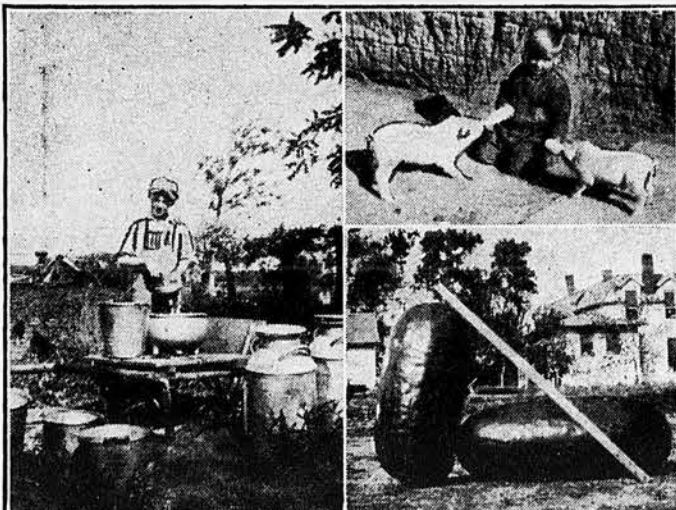
# Rural Kansas in Pictures



At Left, We Introduce the Children in the Joe Aubert and the Joe Eichman Families, of Near St. Marys. Right, Orvin Holler, McPherson County, and His Cousins, Alvin and Eldon Klein, in a Racer Orvin Made



Iva Saunders, Earleton, Submits the Picture, at Left, of "Buster" Ready to Go to Work. Just Look at the Two Strings of Fish Held by Rosemary Glenn, at Left, and Gladys Noe. These Were Caught on the Gus Noe Farm Near Lecompton



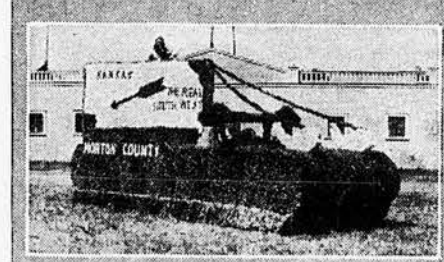
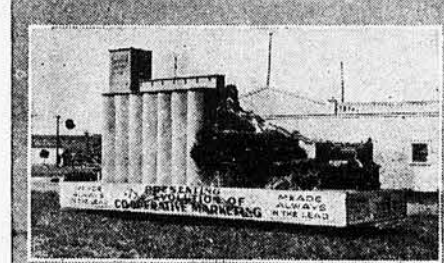
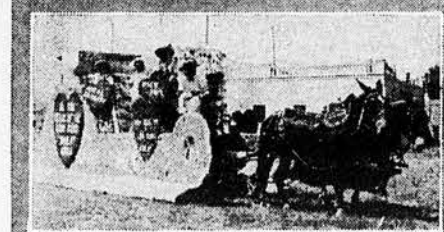
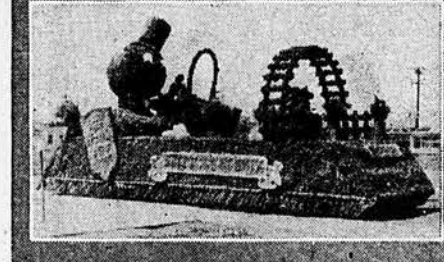
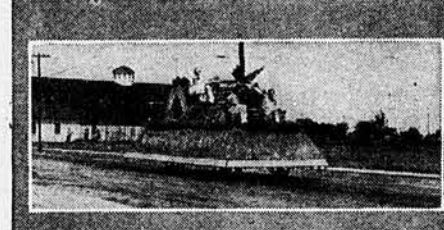
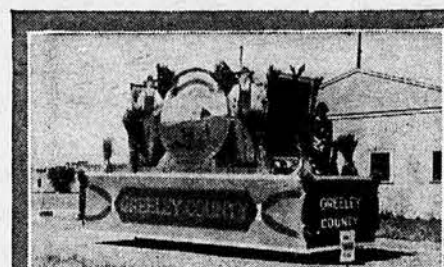
Merlin Williams, Marysville, Left, Keeps Milk Pails and Cream Separator Clean. Top at Right, Wilber E. Kells, Satanta, With Orphan Pigs. Melons Grown by George and Fred Hagen in Barton County. These Two Shown With a Yardstick Weighed 63 and 64 Pounds Respectively

## The Wheat Belt on Parade

ONE feature that made the Wheat Festival Program at Hutchinson last month such a success was the huge parade. You will remember this event was the climax to the five-year Wheat Belt Program, conducted by the Kansas State Agricultural College and co-operating agencies, and the thing that led up to this festival was the Wheat Train which operated over the Santa Fe and Rock Island railroads.

In each of the 47 counties where stops were made a wheat queen was selected. All of these excellent farm girls gathered in Hutchinson for the final festival and many of the counties provided floats on which their queens were carried. This was one of the most beautiful parades Kansas ever will see. It isn't possible to print pictures of all of the floats on this page this week, but here are enough of them so you can see how really artistic they were.

Counties represented in the parade by wheat queens included: Harvey, Sedgwick, Sumner, Harper, Barber, Clark, Comanche, Kingman, Reno, Stafford, Edwards, Morton, Stanton, Stevens, Grant, Ford, Gray, Finney, Hamilton, Scott, Lane, Ness, Hodgeman, Pawnee, Barton, Rice, McPherson, Cloud, Ottawa, Dickinson, Osborne, Lincoln, Saline, Sherman, Thomas, Sheridan, Norton, Phillips, Smith, Jewell, Republic, Clay, Seward, Meade, Kiowa, Pratt and Haskell. First prize was awarded to Edwards county for having the best float, second to Sherman, third to Lane and fourth to Pratt.





# As We View Current Farm News

## Veteran of Fight Against Tuberculosis Gets an Honorable Discharge

**A**FTER nearly 10 years of effective service in the fight against bovine tuberculosis, "Out of the Shadows," one of the early educational films made by the U. S. Department of Agriculture, has been laid on the shelf. The last remaining copy of more than 40, once in circulation, has been withdrawn, battered, "rainy," and full of torn sprocket holes—and no more copies will be printed. The picture has served its day, and its negative now goes into the archives of the department, with other old films honorably discharged from service.

No other film circulated by the department has made a record approaching that of "Out of the Shadows." It has been used in every anti-tuberculosis campaign waged since 1921, and has been shown in almost every rural community in the United States where dairy cattle are important. Released in 1921, 17 copies were put into circulation that year; in 1922, 12 more copies were put into circulation; and in 1923, as many more. In all, 42 copies have been released. These have been shipped into the field 1,644 times, bookings for a single copy frequently running several weeks.

Sixty-one copies of this film have been sold for use in foreign countries, including Uruguay, Belgium, Guatemala, the Union of South Africa, and Great Britain.

## Seek Lower Farming Costs

**M**ORE than 105,000 people inspected the wheat train which recently toured Western Kansas over the Rock Island and Santa Fe lines, according to members of the party. At none of the stops were there fewer than 500 people present, and at Abilene, the largest crowd was estimated at 6,000.

The tour completed a five-year Kansas wheat improvement program. Leading agriculturists of the state and United States agree that the program as carried out by the state agricultural college and co-operating agencies was one of the most successful long-time programs ever completed.

A surprising lack of interest in wheat acreage reduction was found by the wheat specialists. The most common opinion among farmers in the Wheat Belt is that wheat raising is well-established, and that farmers are more interested in lowering the production cost and learning of new methods to increase yields. There is a tendency in the Wheat Belt towards summer fallowing, the college specialists report.

Another agricultural program for Western Kansas probably will follow the five-year wheat program emphasizing livestock production, 4-H club activities and home economics work.

## Must Know Which Faucet

**A**COW does not give the same kind of milk from all quarters of her udder. In fact, the United States Department of Agriculture has found that each quarter works independently of the others. Tests in the dairy research laboratories showed that milk from one quarter may differ greatly from that of another in volume, percentage of butterfat, percentage of serum solids, acid concentration, reaction to alcohol, ease with which it is coagulated by heat, and in the abundance of bacteria contained.

Now the next job the department should undertake is to help us label the "faucets" so we will know exactly what kind of milk we are getting.

## Something New in Wheat

**N**EW things are being discovered in agriculture the same as in other industries. A. J. Rabenseifner, who lives near Otis, claims to have discovered and developed a new variety of wheat which he has given the name of "Robins Red Hull." The new wheat, Rabenseifner says, is superior to either the Blackhull or Turkey Red wheat, which is commonly grown in the locality.

This new variety was developed by gathering the largest and best stems of standing black hull in the field, the stems being gathered for seven years before the new variety was fully de-

veloped. According to Rabenseifner "Robins Red" has a stiffer stem, and has a higher protein content than either Turkey Red or Blackhull. This variety was grown on the Rabenseifner farm last year and yielded from 32 to 42 bushels an acre, while the other varieties yield 16 to 20 bushels. The protein content of the "Robins Red Hull" was 14.8.

## Got Their Dates Mixed

**A**CRAB apple tree bloomed twice this year on the Handevit farm near Colby. The first blossoms appeared early in the spring, but were nipped by the frost, and of course, everybody at the farm thought this tree's ambition had quietly folded up and sneaked away to await another season. But not so. The latter part of August saw more blooms on the tree. It is thought that the unusually heavy rainfall and the moderate weather caused the tree to send out its second crop of buds. The tree, by the way, is 20 years old, and being in Kansas that long it should be pretty well used to weather conditions. But evi-



dently it got mixed up on its blooming dope, or else was so disgusted with its first attempt that a second trial seemed logical. On the other hand it may be that Kansas weather has such range of varieties that even 20 years isn't enough to experience all of them.

And here is another case. Blossoms and a new set of leaves are making progress on a crab apple tree on the E. G. Spealman farm of near Stockton. A late frost injured the first crop and only a peck of the apples was obtained. During the dry, hot spell the tree shed all of its leaves. Since the rains the buds have been swelling and a number of branches took on full bloom. Now, if other crops get next to this idea, Western Kansas soon will be advertising to the effect that "This is the land of plenty where two crops can be grown every season."

## Conditions Could Be Worse

**A**LTHO the summer's drouth as well as slumping cattle prices have made the outlook for farmers and cattlemen in Chase county far from optimistic, yet the picture is not nearly so bad as many would paint it, according to a report sent to Arthur M. Hyde, secretary of agriculture, by County Farm Agent E. A. Stephenson.

The county farm agent estimates that Chase county's corn crop has been cut about 60 per cent by the dry, hot summer, and he places the damage to kafir and cane and later crops at about 40 per cent. A recent survey shows that there will be some very good corn raised in this county and if rains come soon and there are not too early frosts, there would be a good crop of kafir and cane and a large amount of late feed.

In regard to the employment situation, the county farm agent does not believe this county

will suffer greatly from that source and has given an estimate at the outside number of not more than 300 persons who might be out of work.

The rains arrived all right, and lightning with it, as reported from Cottonwood Falls: Severe lightning which has accompanied the several rainstorms which are now breaking the drouth in this section, have proved rather costly to a number of cattlemen who have lost cattle in these storms.

Oscar Nelson of Hymer, had seven head of heifers electrocuted in a storm which spread over the greater part of the county. A. N. Boock of Matfield Green, lost two head, and Albert Odle of Homestead, had three head killed in an earlier storm. Among other stockmen who have lost smaller numbers are Carl Palmer of Strong City; William Mercer of Homestead; E. W. Thompson of Elmdale; Benninghoven Bros. of Strong City, and Percy Burnett of Cottonwood Falls.

Cattlemen say lightning is more severe in storms which follow long dry spells in the summer time than under any other conditions and in this county where there are thousands of head of cattle on grazing, some losses generally follow.

## Birds Are Thoro Harvesters

**B**LACKBIRDS and sparrows are becoming a serious pest around Lyons, and the damage they do is increasing rapidly each year. Last year small acreages of milo, kafir and other headed grain were almost stripped of seed, while owners of larger fields complained of losing a great many bushels.

This year, however, the birds are not waiting for the grain to ripen but are eating it while it still is soft and in many instances where the bloom still is on the lower part of the head. There seems to be a much larger number of the birds than usual, for they come in droves wherever there is a field of grain.

Birds are valuable and of course, must eat. But we wish they would confine their harvesting activities more to destructive insect life than to the crops.

## Paxton to Foreign Service

**F**OR many years Edward C. Paxton has been agricultural statistical expert for the United States Department of Agriculture, stationed in Topeka. The other day he received notice of his promotion to the foreign statistical service with the department.

Teh new assignment probably carries with it one of the choicest jobs in the department. Paxton probably will go to Washington for a month, then be sent as an agricultural attache, with diplomatic authority, to Australia or Argentina. He will leave for Washington within the next two weeks.

Three years ago Paxton's department was attached to the state board of agriculture, for closer co-operation with state affairs. His assistant will be named by the United States department of agriculture.

## A Real Potato Country

**L**AST week citizens of Scott and surrounding counties observed "Potato Day." The tubers have averaged 250 bushels to the acre on the 1,500-acre tract in the Shallow Water district in Scott county, and are said to be of very high quality. Perhaps many folks wouldn't expect Western Kansas to produce this crop, but it just goes to show again that there are unlimited possibilities in that section of the state. Little do we know how many different crops will thrive there in coming years.

## Not a Barren Waste

**O**F COURSE, Kansas crops have been hurt quite seriously by the drouth. But in order to make the story stick that this state is a barren waste as a result of the summer drouth, it will be necessary to do away with all displays of agricultural products at the coming state and county fairs.



# What the Folks Are Saying

## Silage Has Been Used as a Pasture Substitute for a Good Many Years

**T**HE use of the silo during the summer is not an experiment. Silage has been used as a substitute for pasture in many of our states for 25 or 30 years and it has proved a success and is gaining in popularity. Many feeders have found the silo more profitable for summer use than winter and, without doubt, we will see the silo used more in summer as its merits become known.

Blue grass, which forms the bulk of our pasture, is a plant which makes little growth during the hot, dry season of summer. For this reason it has failed to produce profitably in much of the Corn Belt country. Blue grass thrives best during cool, moist weather and this condition does not exist except in a few limited sections. Blue grass on hundred-dollar-an-acre land is questionable in any section of the Corn Belt, and Sweet clover is proving a much superior pasture plant in this region. Sweet clover grows during hot, dry weather, as its roots are deep. It is an excellent plant to feed with corn or cane silage, and dairy cattle thus supplied will produce well and with great economy.

Dairy farmers know from experience that the profitable cow is the one producing a large record. The profitable meat-producing animal is the one that is grown quickly. All tests and experiments have proved the importance of obtaining volume in production and rapid and early maturing growth. To keep animals in this profit-making condition requires a liberal supply of succulent and nourishing feed, and the silo can provide the carbohydrate supply better and cheaper than any other method.

Dairy stock farmers have found by experience that the most critical season of the year is late summer and early fall. More cows are injured at this time than at any other period, because there is a tendency to neglect livestock that are on pasture. Large-producing cows are made strippers by poor pastures and thus the promised profit turns to a loss. The hot, dry season of July and August, often reaching into September, is the time when every stockkeeper should be supplied with good silage, which is cool and succulent and can be fed in amounts as desired.

The cows that are obliged to fight flies by day and mosquitoes by night on short, burnt pastures, are the ones that will go dry and prove unprofitable. With many years of experience in the dairy business, I would rather go without a silo in winter than in summer. The thing to do is to have silage at all seasons of the year.

Lincoln, Neb. A. L. Haecker.

### Rye and Wheat for Pasture

Farmers who will be short of feed this winter may well consider the possibilities of supplementing their supply with winter rye and winter wheat for pasture. Both are excellent crops for this purpose. Rye grows more rapidly than wheat and is more winter hardy; hence, it is more likely to provide pasture during the winter and early spring as well as to supply more abundant pasture during the fall. Also it is less likely to be attacked by Hessian fly, which is of considerable advantage in fly-infested territory. Wheat on the other hand is a better grain crop and where one expects a grain crop as well as some pasture, it is usually more desirable.

Rye usually had best be plowed up in the spring. The yield of grain generally is low and the price usually is considerably less than that of wheat. There is the further danger that the land will become contaminated with

the rye and thus eventually the latter will become mixed with the wheat on the farm. Under normal conditions it can be plowed up early enough in the spring to permit growing a crop of corn or sorghum.

Soft winter wheat, because of its ranker growth, makes more pasture than hard winter wheat. In those portions of Eastern Kansas where both kinds do about equally well as a grain crop, the soft wheat may well be chosen for pasture. Harvest Queen is an excellent variety to use for this purpose.

Winter barley also is excellent for fall pasture. It is not so winter hardy as wheat and rye, however, and may kill out, thus providing no pasture in the winter and spring. Oats also make excellent pasture until cold weather. They are even less winter-hardy than the winter barley. One occasionally hears suggestions to seed Sudan grass, sorghums and other annual crops for early fall pasture. Such suggestions are of no value at this time of year since those crops are slow to germinate and get started, and will make little growth later because of cool weather.

Rye may be sown as early as September 1, for pasture and wheat also may be sown this early except when Hessian fly is likely to prove injurious. Such early seeding is not advisable, however, where the primary or only purpose is to grow a grain crop. Where this is the case, it is well to remember that grain sown so early is more likely to be injured during the winter and even if it is

seed, rye and smut. Rye mixture in this year's wheat crop is worse than usual. Out of 12,274 carloads of wheat delivered to the Kansas City market during July, according to the Kansas Grain Inspection Department, 1,250 carloads, or a little more than 10 per cent, were mixed with enough rye to lower the grade. The loss in price due to this mixture is from 1 to 15 cents a bushel and amounts to from \$15 to \$225 a car.

Poor seed and lack of seed treatment is responsible for an immense smut loss this year. According to the Federal Grain Supervision, more than 14 per cent of the wheat delivered to the Kansas City market during July was damaged by smut. This represents a cash loss of at least 5 cents a bushel and a field loss of from 1 to 3 bushels an acre. Certified seed would have overcome this. For the source of certified seed, see your county agent, banker or grain dealer.

H. M. Bainer.

Kansas City, Mo.

### Coarse Roughage Will Be Needed

Hay mows will have empty space in them this fall, especially in states east of the Missouri river. Wisconsin has one-fifth to one-fourth less hay than last year; Indiana grew far less than last year and much below a 10-year average yield; Ohio has a very short hay crop, West Virginia, reports not more than a half crop and in Pennsylvania, Maryland and Virginia, much hay land was not cut but pastured. August estimates for the whole country show nearly a fourth

eat only the better tasting parts and leave the rest. What they leave is lower in feeding value than the more palatable parts, yet experiments carried on in Indiana show that from 8 per cent to 12 per cent of the digestible content of the whole plant is in the stalks alone, in addition to which, is the feeding value of the leaves and husks.

Cutting or grinding coarse roughages such as corn fodder and grain sorghum fodder, puts these feeds into much more palatable condition than when they are fed in the bundle. It is handy to mix ground roughage with grain feeds and this induces greater roughage consumption with a resulting saving of grain.

At the South Dakota Experiment Station, bundle corn stover fed to dairy cattle was refused to the extent of 36.5 per cent. When the same quality of stover was fed ground, it was eaten with no waste whatever. At the Kansas Experiment Station, they had similar results with beef cattle; as much gain was made from 50 acres of ground kafir fodder as from 80 acres fed in the bundle.

Henry Siemens of McPherson county, Kansas, found for beef cattle that grinding his fodder saved 50 per cent to 60 per cent of this feed; in Dickinson county, Hubert Deitrich states that ground kafir fodder saved all of this feed and cut the hay feeding nearly half; for their dairy cattle, Haneke Brothers of Ellis county, report that grinding grain sorghum fodder makes it 100 per cent feed, where bundle feeding wastes more than half; Charles J. Lee of Bourbon county, says that ground fodder for his dairy cows, saved all of this feed and reduced the hay needed.

In no year is a farmer justified in wasting any of his feed crops. This year, which promises to be one of the shortest roughage years in present farmers' memory, feeding prospects are the brightest for farmers who replace hay shortage with fodder crops and who prepare these fodder crops to get the most feeding value out of them.

I. H. Fairchild.

Crown Point, Ind.

### Treatment Will Kill Smut

Most seed wheat has enough smut spores to give a smutty crop provided conditions are right. Every farmer knows cases where smutty wheat has been planted without resulting in a smutty crop, and other times that apparently clean seed grew smutty wheat. Weather conditions during sprouting time determine the damage by smut as the smut germinates and grows into the wheat plant by the time the wheat comes up. Very little smut infection takes place at temperatures above 60 degrees F., while at cooler temperatures in the presence of plenty of moisture the smut enters the wheat sprout. Taking a chance with smut doesn't pay.

The acreage of wheat seeded with grain that was treated for smut in Kansas was more than 15 times as great in 1929 as it was in 1925. Mitchell county farmers are showing increased interest in treating and grading their wheat in order to increase their yield and quality of product. The greatest progress in treating has been made by farmers in the northwest part of the county. More smut was reported there than any other part, but the farmers who treated grew clean wheat.

Ralph W. McBurney.

Beloit, Kan.

Be careful what you start while trying to stop something.

## Are You Keeping Mentally Fit?

**I**F YOU can answer 50 per cent of these questions without referring to the answers, you are keeping mentally fit. Readers are cordially invited to submit interesting questions with authoritative answers. Address: Do Your Dozen Editor, Kansas Farmer, Topeka, Kansas.

1. What French engineer planned and completed a part of the Panama Canal?
2. Where is Stone Mountain located?
3. When and by whom was Astoria, Oregon, founded?
4. In what year was Julius Caesar born?
5. Who wrote, "The Shepherd of the Hills"?
6. For what reasons is Concord, Massachusetts, famous?
7. For what address is Senator Vest famous?
8. What animals are found in the Antarctic?
9. Who was Molly Pitcher?
10. What three great peninsulas project from Southern Europe?
11. What does "sang froid" mean?
12. What is one of the principal duties of the Kansas Blue Sky commission?

(Answers are found on page 24)

not, seldom will produce as good yields as that which is sown somewhat later.

If rye is used the best variety is Kansas Common. Abruzzi and Rosen sometimes are mentioned because of their ranker and more rapid growth. They do make excellent pasture while they last, but they are more easily killed during the winter and this more than offsets any advantage they may have with respect to the more rapid early growth. Rye seed ordinarily can be obtained thru local grain dealers.

S. C. Salmon.

Manhattan, Kan.

### Good Seed Improves Crop

The usual penalties for impure, smutty and rye-mixed seed wheat are low yields, poor quality and unsatisfactory returns. Certified or pure seed costs very little more than ordinary seed but insures better results. Of all years this seems to be the best one to get a start with this kind of seed. It is definitely known that the yield to the acre can be increased from 1 to 3 bushels an acre thru the use of the right kind of seed.

In order to be properly certified, seed wheat must be free of weed

less tame hay than the previous five-year average production.

Continued drouth has resulted also in heavy losses of the corn crop. Practically all reports state these losses in bushels. These assume the feed value of the corn crop is limited to its grain yield—which is far from true. The corn crop and other fodder crops as well, have a feeding value far greater than that of the grain only. The roughage part of these crops has a high feeding value which this year, will be of unusual value because of the reduced hay production.

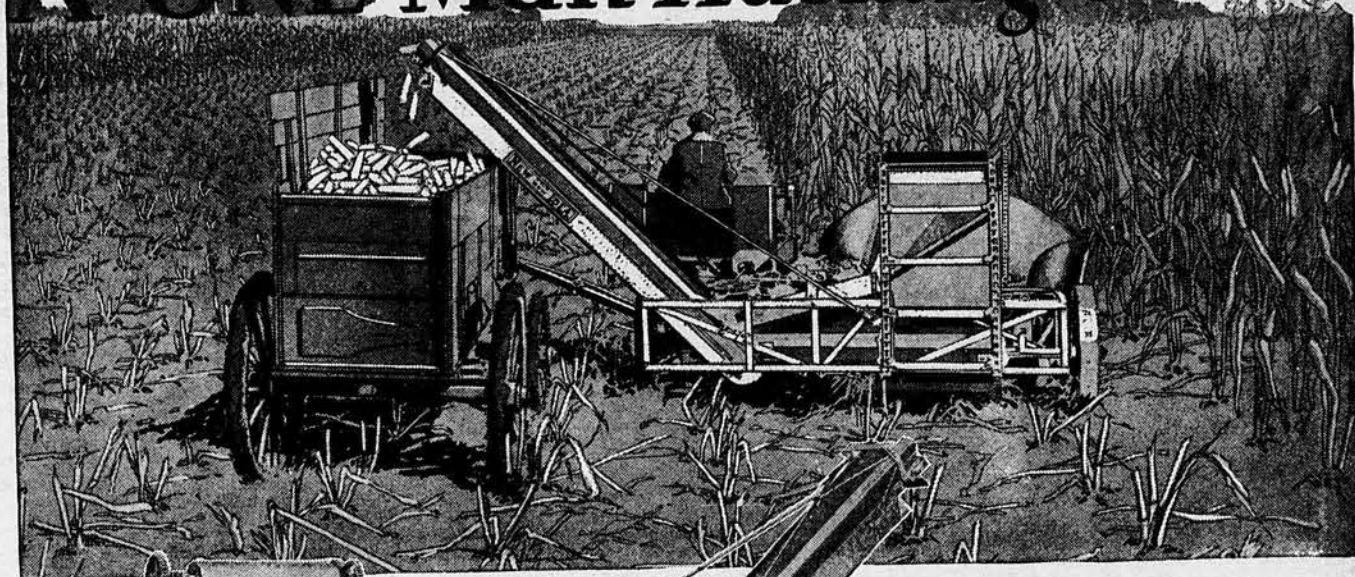
At the Pennsylvania Experiment Station, Dr. Armsby summarized investigations to conclude that 37 per cent or more than one-third of the feeding value of high-yielding corn fodder, was in the roughage part—the leaves, husks and stalks. With lower quality fodder, the proportion of feeding value in the roughage part still is greater.

A field of corn that wouldn't yield 10 bushels of grain an acre may make a ton to 2 tons of good, dry roughage if harvested, cured and well-prepared for feed.

Usually such coarse roughage is not very palatable to livestock. They



# A ONE-Man Husking Crew!

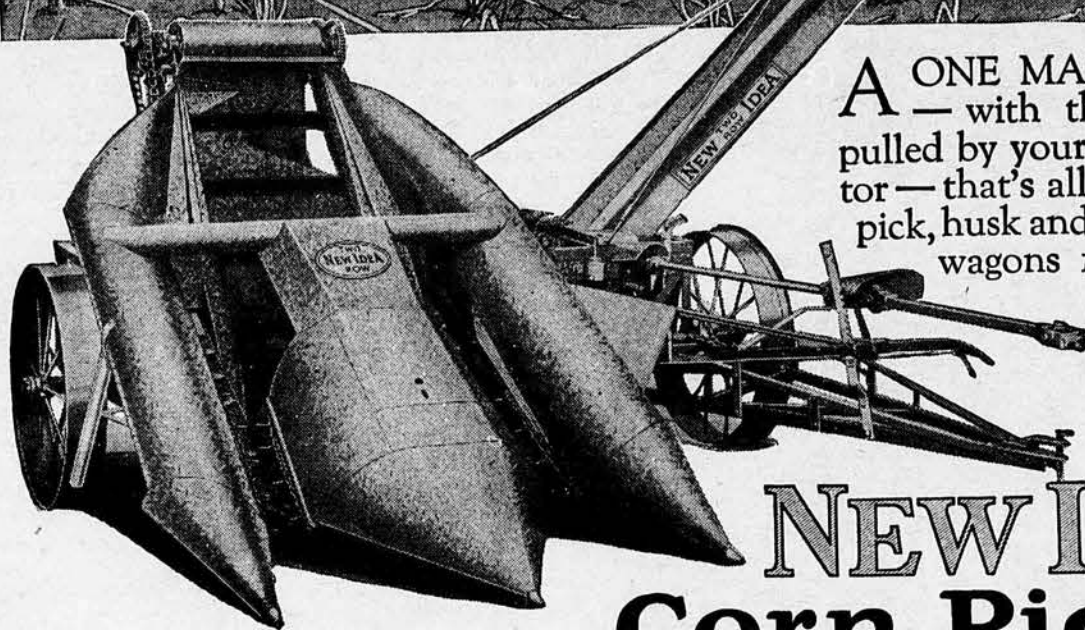


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SHOVELLING and carrying hundreds of bushels of corn or grain from the wagons into your cribs and bins, is just sheer back breaking work. One of these good elevators will do the job a lot easier and quicker — saving you real money in time and labor. The SANDWICH-NEW IDEA line of both Portable and Inside Bucket type Elevators is complete in every detail. Strong, simple machines, developed through years of practical experience and built the thorough NEW IDEA way. Operated by either horse or engine power. Easily adapted to meet all conditions. Let us know your needs. **\$230 to \$400**



A ONE MAN field crew — with this machine pulled by your regular tractor — that's all you need to pick, husk and load into the wagons 12 to 18 acres of corn a day.

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# NEW IDEA Corn Picker

THINK what such speed means to you in getting a big job quickly done — 12 to 18 acres a day, picked, husked and loaded! Think of the wages, board and bother this machine saves! And remember — big ears or nubbins — the NEW IDEA Corn Picker gets them all off the stalk. Thousands of farmers have proved that this two-row machine harvests their corn at less than half the costs of hand methods.

FOR five years we've been unable to meet the demand for NEW IDEA Corn Pickers. This year we doubled our manufacturing facilities. Get the facts about this picker. Operated by power take-off from practically any two plow tractor — not merely an attachment for some special tractor. Strong, simple, operates at low cost. Weight 3200 pounds. Price complete F.O.B. **\$625** Coldwater .....

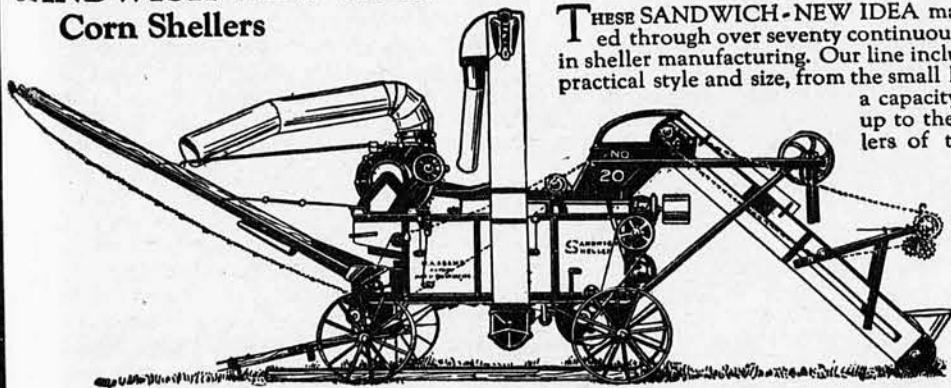
Write today or see your NEW IDEA dealer

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**\$16 to \$800**

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and SANDWICH, ILL.



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## Rural Health

Dr. C.H. Lerrigo.

**Here Is One Important Point Our System of Education Should Include in the Future**

EVERY day letters come to me from very young people who have married at an early age and are greatly perplexed because parenthood looms before them. There are few more pathetic objects in life than young folks who have suddenly ceased from being boy and girl to become father and mother. They don't know what to do. How should they? Our systems of education have no course of study for such responsibilities. A little bit about physiology, a trifle about hygiene, and if the girl is lucky enough to go to college she may be one of the favored few to sit under the few women in Kansas colleges who teach something about motherhood. But public schools teach nothing, not even the high schools. Where is a girl to get this important training?

Teach it in the home! That is the mandate. But who will teach it in the home? The mothers and grandmothers whose ideas have been painfully acquired from a mass of misinformation and superstition? Very well. They have discarded the worst of the stuff and have clung to the best, we will suppose. But that would not be considered very sane instruction in any other important subject. And how about the girls whose mothers and grandmothers have no gift for teaching, and, having suffered many things themselves, have reached the conclusion that their girls must do likewise. And the young father: Who shall instruct him?

I'm not solving this problem; merely presenting it for you to think about. With our present social ideas I see reasons why the public schools can give only the first steps; our high schools might go further; our colleges might well teach all they know. Churches and Christian associations could profitably instruct young men and young women in preparation for their responsibilities. Meantime we will answer such puzzling questions about parenthood as you present by letter and tell you of some books that you may buy.

### Go to a Specialist

I am 62 and am having much trouble from a fractured hip that does not heal properly. Living away out I had our country doctor and an osteopath treat me at home.

J. H. M.

Your hope now is X-Ray and bone surgery. Ordinarily speaking there is no reason why you should not get good function altho no one ever can guarantee perfect results in joint injuries. The help of X-Rays and bone surgery when applied by experts will cure very desperate cases. However, you have been handled by ordinary doctors without special skill and they may have bungled the job. Another thing is the matter of age. One getting on in years cannot hope for the good results that a young adult may expect.

### This Will Help You

I would like some medicine that is death on pimples. I have them all over my face. I don't care how nasty the medicine, I will take it. I am 16.

A. S. B.

Pimples and blackheads are very common complaints with young people and do not indicate poor blood but are symptoms of disturbance of the excretory glands of the skin. It is well for the patient to practice an abstemious diet, especially in regard to fats and sweets. It is also necessary to keep the bowels active by eating fresh fruits and vegetables and drinking

plenty of fresh water. The skin of the whole body must be kept vigorous in circulation. This may be encouraged by taking a sponge bath every morning, followed by a brisk rub with a rough towel, until the skin of the whole body is in a good glow. These measures are not so easy as taking medicine but are much more effective as well as cheaper.

### This Is Not Uncommon

I am miserable all the time with what doctors call a fallen stomach. Everything I eat causes distress. I have heaviness, pain and gas all the time. I would give anything to get well.

S. B. C.

Falling or prolapse of the stomach is not uncommon. Usually it follows prolonged indigestion in which the stomach becomes enlarged and its action so slow that food stays in it too long instead of passing into the intestines. It can be treated successfully but not at home. You need to go into a good sanitarium for at least

## Sunday School Lesson

by the Rev. N.A. McCune

YOU can't help liking young King Josiah, for we are told, "in the eighth year of his reign, while he was yet young, he began to seek after the God of David his father." That is a good start. He differed from many modern folk, who are not satisfied with the God of their fathers, but go chasing after new and strange ones.

The principal story of this king's life is connected with the re-discovery of the Bible. Now, it is a great thing to discover the Bible or to re-discover it. When that takes place in good earnest, something is bound to happen. For one thing it will have an immediate effect on the discoverer himself. Next, it will spread to others. Last, it may influence the entire nation. Was it not so with Luther? Going painfully up the Scala Sancta in Rome, he suddenly recalls the verse he had read, "The just shall live by faith," and he returns to Germany to study the Book at first hand, and to preach it to all who came to hear.

The Bible was re-discovered by William Tyndale, a little later. He published the New Testament which was stopped by authority. But Tyndale became a Bible bootlegger, getting his Testaments into England in bales of wool and boxes of clothes and barrels of flour. In some unaccountable way the little books continued getting into England, until it was widely read.

All this was very similar to what took place in the time of Josiah. The book found at that time was probably what we now call Deuteronomy. There is enough in Deuteronomy to start something. It is full of moral and spiritual dynamite. The whole nation felt the influence of it.

America owes much to reformers. They did not always get their impetus from the discovery of the Bible, altho most of them were readers of it. You can turn back and see what they did. The agitation against slavery, for one thing, was due to God-fearing men who were saturated with the Bible. William Lloyd Garrison, Wendell Phillips, old John Brown of Ossawatimie, all were Bible men.

It may not be a bad time to ask why reforms are necessary. Are we not getting better all the time? More religious, more gentle, more tolerant, more this and that? We used to think

one or two months and be under the constant observation of doctors and nurses as to diet, exercise and medication.

### Does Not Cause Insanity

Would an operation for goiter that removed the thyroid gland entirely bring on insanity? How about having an operation that removes only part of the gland? Would that be successful in exophthalmic goiter?

S. K. B.

It is not customary to remove the whole of the gland but it has been done, and it does not cause insanity. Absence of the thyroid gland in children causes mental deficiency and this often is helped by giving thyroid extract. My experience is that operations for exophthalmic goiter in which only part of the thyroid gland is removed are quite successful.

### Better Use Good Milk

I am quite anxious to learn all I can in regard to this fever caused from drinking raw milk. Will you please publish an article in regard to it? Is it of a serious nature and how long does it take for recovery?

Mrs. J. J. B.

The fever is not caused by drinking raw milk, but by certain bacteria that may be in the milk. Cows having tuberculosis may infect people. Cows with infectious abortion may pass on to human beings infectious bacteria known as the genus Brucila. Herds should be tested to gain freedom from such infections. Meantime you secure safety by having milk pasteurized.

dition are necessary to keep it clean. To sweep the kitchen floor once in a life-time is not enough.

Lesson for Sept. 7th—The World's Debt to Reformers. II Kings 22 and 23:1-3, 21-25. Golden Text, Ps. 119:105.

## To Seed More Alfalfa

As soon as Sedgwick county fields dry out, farmers will plant several thousand acres to alfalfa, according to H. L. Hildwein, farm agent, who expects a record acreage to that product this year. With close to 4 inches of moisture over the county since the drouth was broken, the ground is in ideal condition for alfalfa.

A short period of dry weather is asked by the farmers to permit them to sow the alfalfa seed and complete their fall plowing for wheat. A small amount of rye and barley is being planted now for fall and winter pasturage. Kafir, which was stationary during the drouth, will head out because of the rains, Hildwein says.

Another result of the drouth is seen daily in the rural districts. For the first time in years farmers are cutting almost all their corn for ensilage. This has resulted in scores of temporary silos erected on farms that never had them before, according to Hildwein.

One of the methods is to build a circular tank out of corn crib fencing and line it with tough paper. The temporary silo then is packed with ensilage.

A simpler method, which is being used to some extent, is for the farmer to dig a trench 20 to 30 feet long and 10 to 15 feet deep and fill it with ensilage. A number of these temporary silos are in evidence over Sedgwick county, the farm agent says.

In a few scattered spots of bottom land the corn crop is being left to mature, but this is the exception. All upland corn was ruined by the drouth and a large part of it already has been converted into ensilage. The largest corn yields reported to date do not exceed 25 bushels to the acre.

## Real 4-H Clubs

The large attendance at the annual 4-H Club picnic of Pottawatomie county, held at Moodyville Springs, Thursday, July 31, proved that boys' and girls' club work may be made a big success in developing community spirit. More than 150 persons were present, and showed by their enthusiasm that they appreciated the program of music and speaking. Harry Hart and two local ministers, the Rev. Mr. Smitheram and the Rev. Mr. Hardiner, talked on the value of organizations for young people, and 4-H Clubs in particular. The Rev. Mr. Smitheram led the group singing, and readings were given, by club members Bob Toothaker and Francis Dempe-wolf. A group of high school girls sang, and Mrs. O'Daniel gave a harp solo. Carl Wahl of the Moodyville club read an interesting report on his sow and litter project.

Swimming, croquet and horseshoe pitching were much in evidence.

At present there are only two clubs in Pottawatomie county. Both are in the vicinity of Westmoreland, and are under the supervision of K. G. Knouse, vocational agriculture supervisor of the Westmoreland High School. The Jenkins 4-H Club is the smaller of the two. Mrs. Fred O'Daniel is the local leader. The Moodyville club takes in a larger territory, with a bigger population of boys and girls of club age. Both clubs are planning to organize clubs in neighboring communities in the near future.

It's just the old problem of distribution. There's enough idleness for everybody, but the wrong people have it.

In the good old days, the man who saved money was a miser. Now, he's a wonder.



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## Coffey County Has More Silos

Every Effort Will Be Made to Hold All of the Better Breeding Cattle and Young Stock

BY HARLEY HATCH

THE week ending August 23 was one of the best of the summer for this locality. For a start we got a rain of nearly 1 inch and this was followed by several showery days during which no great amount of rain fell but which formed a pleasant contrast to the six previous weeks. This moisture has had the effect of holding the burned fodder and I cannot see that it is much dryer than it was three weeks ago. Many silos are being filled; the Coffey county farm agent estimates that nearly 100 silos of various sorts have been, or will be, erected in the county this fall. Most of these silos are of the temporary sort and are in a way an experiment, altho where they have been in use in other years they are said to keep silage as well as any. A strong effort will be made to keep all the better breeding stock of cattle, together with the young stuff, but there are a lot of big cattle that will have to be sold and at a tremendous loss. If we have to eat grass beef this winter it ought to be cheap, for goodness knows, they are buying the live cattle on a basis of 15-cent beefsteak.

### This Alfalfa Should Grow

The good rain at the first of this week, which was followed by several showers, put the summer-fallowed 20 acres we had planned to sow to alfalfa, in good condition. No crop grew on this land this season, and as it was kept worked down, moisture was not far below the surface even after six rainless weeks. The rains of the last week provided top moisture which met that from below so we went ahead and sowed the alfalfa. The seed had been on hand since last spring. It cost us \$15 a bushel and grew last year in Rawlins county, Kansas. The 20 acres were plowed about June 1, and since then it has been disked and harrowed at intervals. It was harrowed again this week, the seed was sown at the rate of 15 pounds to the acre, was harrowed in and it then was gone over with a homemade roller. In addition 45 tons of lime had been spread on the field about 60 days ago. If that doesn't bring up the alfalfa, I wouldn't know what else to do. It reminds me of the two frauds in Mark Twain's book "Huck Finn" who were putting on a show at a river landing. The oldest fraud drew up the bill and then added to it, "Women and Children Positively Not Admitted." "There," he said, "if that don't fetch 'em, I don't know Arkansas." And so, if what we did to this field we sowed to alfalfa doesn't bring it up, I don't know Kansas.

### Our Homemade Roller Helped

The homemade roller which we used in putting the 20 acres sown to alfalfa in condition did more to make a firm, fine seedbed than anything else. The roller was made by taking an 8-foot length of cast-off corrugated culvert, 12 inches in diameter, and filling it with concrete. A heavy iron rod ran clear thru the roller, which reinforced the concrete and made the hitches at each end. When the concrete had fully hardened, 4 by 4 timber was used to make a frame. It is fitted with a stub tongue for a tractor hitch, but a light tongue can be bolted to this if it is used for horse power. We have not weighed the roller but according to the book weights as given for concrete it should weigh around 800 pounds. It makes a very light load for the tractor and the 20-acre alfalfa field was rolled in a little more than a half day. I can see where this roller is going to be a great help in fitting wheat ground

this fall as we have had no rain heavy enough to settle summer or fall plowing. The cast-off culvert cost us nothing; the other materials used cost between \$7 and \$8; the labor used in making is not counted, for as I often have said, every town man knows that a farmer's labor has no value.

### What Would Other Business Do?

I have traveled over considerable of Coffey county during the last 10 days and have come to the conclusion that this immediate locality has the worst burned corn of any part I have visited. There is a strip of territory in the county running east and west thru the country about Halls Summit which has a show for a lot of corn. The fodder shows little effect of dry weather and there seems to be lots of ears. This is due to a heavy rain which visited them at the critical time. In the country around Aliceville and Westphalia I could note that the fodder was much greener and larger than in our neighborhood. Most of the corn in that territory will not have to be cut until sometime in September. Most of that country also is fortunate in having a good supply of ground water and their wells provide soft water of fine quality. I still am convinced that, taking this part of the state as a whole, the slump in cattle values has wrought much more damage than has the failure of the corn. I wonder whether there is another business in the country that could, inside of three months, suffer a 50 per cent depreciation in values and still survive. If the rest of the country had been called upon to take the loss that the cattlemen have, scarcely a bank or financial institution would survive in the entire country.

### Has Farmed Since 1882

I have just received a letter from Quenemo from a friend who has a neighbor, and this neighbor says that Harley Hatch does not even live on a farm. Our friend wishes to know about this matter. I should judge that the neighbor in question has another guess coming. I presume there are a number of readers who would like a little information about the writer of this column and for them and our Quenemo friend, and also for that neighbor, I submit the following:

I have lived on Jayhawker Farm and nowhere else for the last 34 years and 6 months, to be exact. Before that I lived on a Nebraska farm for 14 years, making the time more than 48 years during which I have farmed and managed to live. Since 1882 I have lived nowhere but on a farm and I expect to live on Jayhawker Farm for the rest of my life, be it long or short. During that time I have seen plenty of ups and downs; to look back it seems that the downs predominate but the worst I recall were in 1894, 1901, 1913 and now this one of 1930. Of them all, 1894 was by far the worst. I was in Nebraska at that time. In none of the other years did we raise a good small grain crop or as good a hay crop as we have this year. Of all the crop failures I have seen this would have been the lightest as a whole had it not been combined with the slump in cattle values which in 90 days has wiped out the life savings of many cattlemen.

The rarest of all rare creatures is the man who gets a lot of money without letting a lot of money get him.

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Now walk with both feet on level land. In normal position it's easier—your strength is conserved. That's why the "Caterpillar" Tractor is designed to pull plows with both long, wide tracks out of the furrow—treading unplowed ground all the time—always on an even keel.

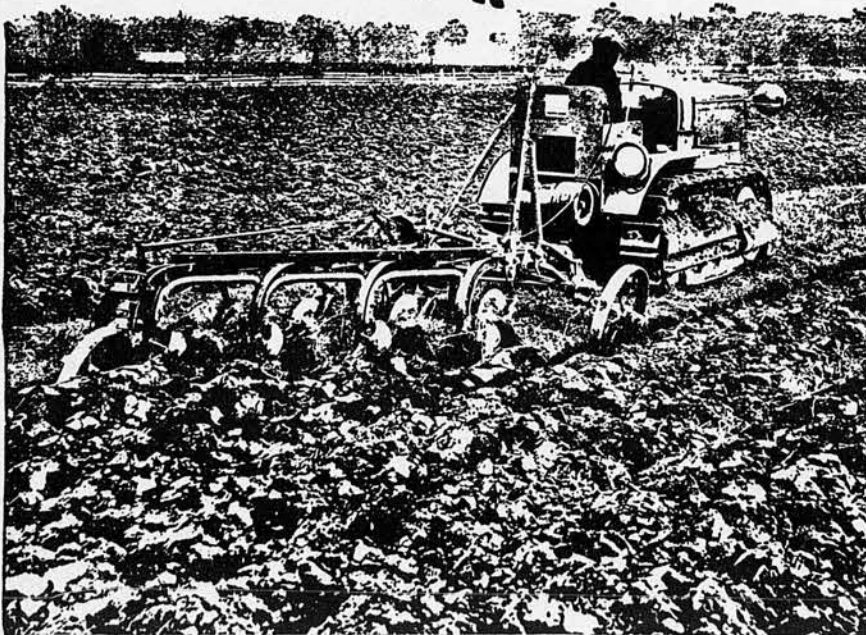
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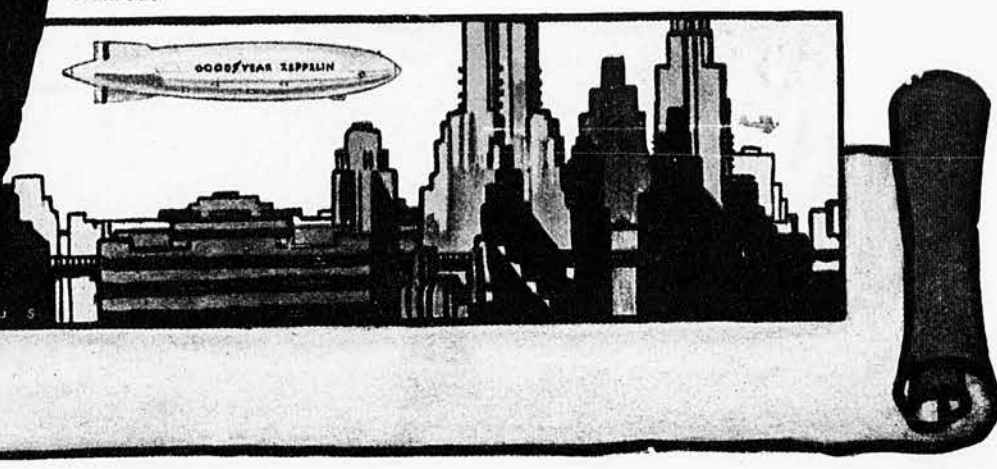
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THE other fellows shot first and never touched a feather. Mr. Duck seemed to be safely headed for parts unknown. You thought he was out of range but you took a chance. Some shot! He hit the water with a splash—a clean kill. That's what happens time after time when you're shooting Remington Nitro Express Game Loads. They put more pep in your shotgun. For long shots at all kinds of game they're supreme. They outshoot any long range, heavy load on the market.

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# PONTIAC BIG SIX

*The 2-Door Sedan • Body by Fisher*

There is a well-known preference among farmers for the Pontiac Big Six. It becomes more and more marked every season. And the explanation is that Pontiac gives so much in fine performance and years of service.

Despite its remarkably low price, the Pontiac Big Six gives real big car performance. Its 60-horsepower engine—the largest in any low-priced six—takes you swiftly, smoothly, comfortably over any road. Hour after hour—at peak speed, up long, hard hills, through deep mud, clinging sand—the tougher the assignment, the quicker Pontiac proves what a thoroughly fine car it is.

Among the many reasons for its long life and dependability is the fact that with its moderate engine speed Pontiac's engine

is required to make fewer revolutions per mile of travel. The oil flow is under high pressure and absolutely positive. Crankcase ventilation helps to prevent the dilution of oil. The crankshaft is counter-weighted and equipped with the Harmonic Balancer for greater smoothness.

The Pontiac Big Six offers you bodies by Fisher with the extra safety and durability made possible by their hardwood-and-steel construction. It has Lovejoy Hydraulic Shock Absorbers, the non-glare windshield, improved steering, enclosed four-wheel brakes and other exceptional advantages. Ask your dealer about them. . . . Available in seven distinctive body types. All prices f. o. b. Pontiac, Michigan, plus delivery charges. . . . Oakland Motor Car Company.

*Write for an interesting booklet which describes the design of the Pontiac Big Six with its many important improvements.*

**\$745**

*Remember . . . you can buy a Pontiac on special G. M. A. C. terms offered to farm buyers exclusively with payments at convenient intervals.*

PRODUCT OF GENERAL MOTORS

AND UP F. O. B. PONTIAC, MICHIGAN





Right  
down my  
alley

PRINCE ALBERT speaks my language like a native. The day I first lamped the tidy red tin, I somehow felt we were going to go places and do things together. Fragrant . . . friendly . . . know what I mean? You open the tin and close your eyes and revel in that wonderful aroma.

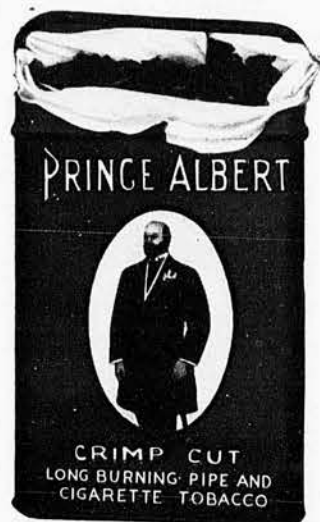
Then, with your smoke-hunger tugging at the bit, you load-up and light-up. Now you're getting it . . . that P. A. taste. Cool as the sign

"Standing Room Only." Sweet as reserved seats bought in advance. Mellow, mild, long-burning, right to the bottom of the bowl.

Pack it in your pipe or roll it in the makin's papers—it's one and the same to this double-barreled joy-smoke. There's no deep, dark secret about it . . . Prince Albert is *better tobacco*. It won't bite your tongue and it won't tire your taste. Why don't you try P. A.?

# PRINCE ALBERT

—the national joy-smoke!



Every tin contains TWO  
full ounces of What Every  
Pipe Should Know



# Jayhawker Tourists Return Home

The Wonders of Their Trip to the Northwest Will Live in Memory for Many Years to Come

BY FLOYD L. HOCKENHULL

FROM the third great trip over a 6,000-mile route into the wonder-land of the Pacific Northwest and Western Canada, Kansas Farmer's 1930 Jayhawker Tour, the adventuring Jayhawkers have returned—nearly 200 of them all from Kansas except about a dozen representing the sister states of Oklahoma, Colorado, Arkansas and New Mexico.

But altho the tour party has returned home the wonders of the trip are far from over. The Jayhawker Tourists who traveled the 6,000 miles by land, lake and ocean into the fairy, adventure-land of vast plains, great forests, broad lakes and noble streams, towering mountain peaks, fertile valleys, picturesque little towns and cities smartly modern, will re-live the 1930 Jayhawker Tour for the rest of their lives.

The spell of the Northwest country, our "last frontier," is quickly cast; what traveler would not have it last forever?

It is difficult to put down in cold type even the highlights of this great trip, they were so varied. The Jayhawker Tourists formed a large party, requiring a special train all the way. Because of the size of the party, and the fact that the entire state of Kansas was represented, we were given entertainment and courtesies that the individual traveler never would receive.

The Jayhawker Tourists traveled in luxury and comfort thru nine states and the four western provinces of Canada. A few adventurous souls added the air as an additional means of transportation, altho the trip in the sea-plane at Seattle was not in the itinerary, and was purely a thrill added at the option of the enthusiastic amateur fliers who could not restrain themselves entirely to the earth and the sea.

## Visited Many Big Cities

We visited nearly every important city in the Pacific Northwest and the western half of Canada, including St. Paul and Minneapolis, Minot, N. D., Spokane, Wenatchee, Seattle, Longview, Portland, Victoria, Vancouver, Edmonton and Winnipeg. We were whisked thru the longest tunnel in North America, the Great Northern Railway's huge bore in the Cascade mountains of Washington. We explored Glacier National Park, the beautiful Columbia River Highway, gazed open-mouthed at Mount Robson, the highest peak in Canada, and in Jasper National Park in the heart of the Canadian Rockies were about as far north as the Alaskan border.

The Jayhawker Tourists breathed the salt tang of the mighty Pacific ocean for nearly a week, and got their "sea legs" on a glorious day's voyage by steamer on the smooth Pacific. They explored the water-fronts of Seattle and Vancouver, two of the greatest seaports in the world, and saw ships from the seven seas, flying nearly every foreign flag. In the Canadian Rockies, they visited the famous Angel Glacier on Mount Edith

Cavell, and walked for miles over a huge expanse of green ice, frozen, so scientists say, before the birth of Christ. They acquired new words and expressions—sea-faring, mining and trapping terms—they ate foreign foods, visited the Chinese and Asiatic colonies in the western cities, and got a thrill out of everything that was strange and new.

All the Northwest breathed a welcome to the visitors. Governors, mayors and premiers were among the dignitaries who officially received the party and helped in the sightseeing and entertainment. Governor J. E. Erickson of Montana, telegraphed the tour party at Glacier National Park, extending every courtesy his state could offer; and thruout the tour many state, city and provincial officials were on hand to meet the Jayhawker Special train and to make the tourists feel at home and welcome.

## Indians Met the Party

A large party of Blackfeet Indians, with teepees pitched in the shadows of the mountains of Glacier National Park, met the tourists and put on a big powwow for the Jayhawkers' special benefit. Two of the party, T. A. McNeal, editor of Kansas Farmer, and Blanche Kaufman, were officially adopted into the tribe—Mr. McNeal as Chief White Eagle and Miss Kaufman as Princess Iron Woman. Mr. McNeal later said he thought "Bald Eagle" would have been a more appropriate name, and those who watched Miss Kaufman jigging and tap dancing so often on the train and steamer sometimes remarked that the "Iron Woman" must have been changed to a "steel-spring woman." Thruout the tour, the members of the party were like one big family. Kansas songs and Kansas yells resounded every mile of the trip. Parades thru the trains, ending with songs and dances, together with yells and warwhoops on boats and station platforms enlivened every day.

Tears were in the eyes of many at the luncheon in the Fort Garry Hotel, Winnipeg, when for the last time the party gathered under one roof and T. A. McNeal delivered the farewell address and wished the tourists God-speed. Resolutions were adopted at the time praising the representatives of the railways and the Capper Publications which sponsored the tour. The trip was sponsored by the Rock Island Lines, the Great Northern Railway, the Canadian National Railways and Kansas Farmer. C. E. Bascom represented the Rock Island on the tour, V. E. Jones and F. H. Holmes the Great Northern, W. H. Happ the Canadian National and Floyd L. Hockenhull the Capper Publications.

Those who heard and answered the call of the far away places were happy and satisfied. The finest recommendation of the tour is what the people who have been on it say about it. The trip combined relaxation, contentment, pleasure, health, sociability and comfort. It will live forever in the memories of the folks who made it.

# Get More Eggs This Winter When Prices are up!



**VIMLITE**  
(The Flexible Poultry Glass for Health)

## Keeps Laying Hens in Summer-time Shape

When egg prices reach the peak, most farms find egg production at the lowest ebb. That's poor business—when there is a way to get more eggs.

With approaching cold, damp weather the laying hens get listless, inactive, won't produce. Why? One reason is that they are cut off from the health-bringing part of the sunlight—the ultra-violet ray. As Professor Halpin, of Wisconsin University says, hens throughout summer-time are laying-in a supply of energy from the sun—like automobile batteries being charged. When this "charging" ceases, they run down. They need re-charging again, to carry on.

Vimlite, the superior flexible poultry-glass that admits 20% more of the sun's ultra-violet-ray is the tested way. Many farmers have discovered the power of this light, wire-backed material for increasing egg production. And they are getting more eggs to market when prices are best.

Tack up a few feet of this product over the hen-house windows. Now is the time! Give your laying hens summer energy. The results are assured. For Vimlite's violet-ray health not only stimulates active laying but gives more uniform, harder-shelled eggs. It protects

the flock from many cold-weather diseases, such as roup, rickets, colds, coccidiosis.

Later on, when young chicks are hatched out, this marvelous ray provides them protection, building them up to marketable weight.

Vimlite also permits more light to enter—being 28% more transparent. Thus hen-houses are kept warmer. Its glass-like substance is 30% thicker; its wire-cloth backing



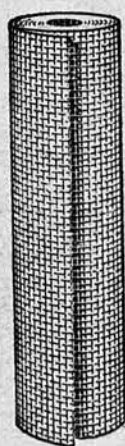
Showing that in October, November and December when egg prices are highest, the average production is lowest. Any increase in egg production at this time means money in the bank. Vimlite will help you to this increase.

stronger—thus Vimlite lasts longer. It is approved by the National Board of Fire Underwriters. And, it costs no more—only about 40 cents a running foot.

Remember—Ordinary glass windows or cloth curtains will not admit the violet-ray. Vimlite will.

Send the coupon today for your sample and explanatory folder.

**NEW YORK**  
**WIRE CLOTH COMPANY**  
342 Madison Avenue, New York, N. Y.



New York Wire Cloth Company  
342 Madison Ave., New York, N. Y.

Send me sample of Vimlite, also illustrated Folder—and name of the nearest Vimlite dealer.

Name \_\_\_\_\_  
Street \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_



Jayhawker Tour Party, Vancouver, B. C., Canada, August 18, 1930





# Our Kansas Farm Homes

By Rachel Ann Neiswender

## Skillful Household Management Brings the Desired Rewards

**W**E WERE in Kansas City having dinner, Miss Georgianna Smurthwaite, Nutrition Specialist from the Kansas State Agricultural College, and I. We had been talking about child feeding and vitamins and vegetable cooking. Finally, I changed the conversation with this remark, "So many farm folks are hooking on highlines now, I'd like to know what the women think of the idea."

Then Miss Smurthwaite suggested that I visit Mrs. Walter Pierce out of Hutchinson, saying, "Mrs. Pierce did not receive recognition as a master homemaker, but she is one, anyway."

Two days later I was visiting with Mrs. Pierce. I am convinced that Miss Smurthwaite is right. Mrs. Pierce is a master homemaker. There are many, you know, who never get the publicity. Mrs. Pierce came as a bride to the 320 acre farm which her husband purchased previously, just 44 years ago.

Here the Piersces have lived the typical life of Kansas farmers. Here they have known the common experiences of mankind, happiness and sorrow. There have been good years and bad years, hard winters and worse summers. There have been wonderfully good crops and equally poor ones.

Mr. and Mrs. Pierce have reared two sons, Harry and Walter jr. Both boys attended Kansas State Agricultural College and Walter, the younger, graduated. He is in business with his father on the home place, and Harry has a farm of his own. The Pierce boys were educated back to the farm rather than away from it.

Diversified farming is practiced on the Pierce farm. They have some dairy cattle, and fatten cattle for market, also. Their farm is well improved. The house, Mrs. Pierce says, is too large. It has 10 rooms.

The family agrees that the smartest thing they ever did was to hook on the highline which meant the bringing of labor-saving devices to their home. It cost \$1,000 to do this. Ten other families paid the same price which made possible the line from Hutchinson to Partridge.

Here are the things that I found in the way of electrical equipment in the Pierce home; a refrigerator, stove, mangel, washer, milking machine, a motor to run the separator, a vacuum sweeper, a fan, and of course electric lights.

"I can't tell you which piece of equipment I enjoy most," declared Mrs. Pierce, "but one thing is certain. I never could go back to the old way of working and living."

Then she continued, "We didn't know whether to tackle it or not, with a boy in college, but we finally decided in favor of electricity and we have never been sorry."

Mrs. Pierce is an industrious woman. She has her chickens, a large garden, cans 300 quarts of fruits and vegetables yearly. She is active in farm bureau work, and was on the school board for 12 years.

### Here Is a Real Leader!

BY MARGARET CRUMBAKER  
Home Demonstration Agent, Johnson County

**J**OHNSON county is justly proud of one of its former 4-H club leaders and now an active member in Farm Bureau work. Miss Rosalie Towner was recently honored by being chosen swimming instructor for two mothers' vacation camps this summer.

Miss Towner has just returned from the mothers' vacation camp for Riley and Clay counties. She received the highest honors in life saving at Pittsburg State Teachers College last year and is a member of the National Red Cross life savings corps.

Due to this accomplishment Miss Towner was secured by the extension division of the Kansas State Agricultural College to be the swimming instructor at this camp where she held four classes daily. It was unanimously voted at Junction City to have Miss Towner return next year as they were so well pleased with her work.

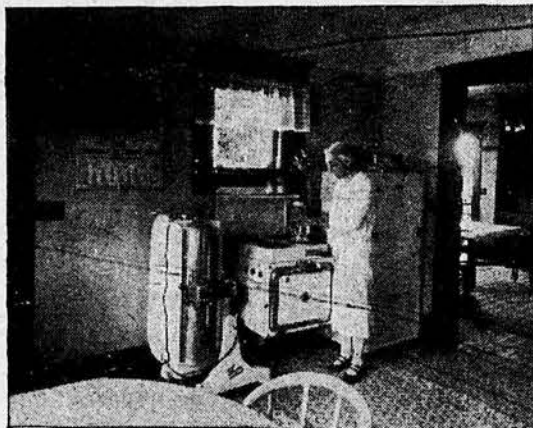
She has also been engaged to be the instructor in swimming at Camp Washita, August 24 to 27 for the mothers' vacation camp for Douglas, Miami and Johnson counties.

### Fitter Family Awards

**T**HE Fitter Family examinations at the Kansas Free Fair will not be competitive this year. From now on each family will compete against its own record only. The examination covers the following 10 units or points: Family history; health history; social and educational history; health habits; structural examination; medical examination, including laboratory tests; dental examination; eye, ear, nose and throat examinations; mental tests; personality or psychiatric rating.

All individuals making satisfactory rating (A or B) in each of these 10 units have always been awarded a Capper medal. In other words, the Capper medal winner was a

One Reason Why Boys Return to the Farm, a Lovely, Well Equipped Home



Mrs. Walter Pierce Demonstrates Her Electric Stove. Notice the Refrigerator and Mangel



"10 point individual." The Capper medal will continue to be awarded to every 10 point individual with special recognition of all who show 50 per cent or more of A's among the scores.

In making family awards however, the families making the highest rating in each class have been awarded trophies regardless of the number of "points" scored. This time the A's and B's will be counted and divided by the number of individuals in the family. This will give the family rating as "7 point," "8 point," "9 point," etc. Certificates will be given to the families rating as 8, 9 or 10 point families stating the rating. This will be in addition to the examination record which the family will keep as has been the custom.

A special award will be given to all "10 point" families. Families averaging fifty per cent or more A's will receive special recognition while a super prize will be given to the first family which scores all A's. Special recognition will be given by the American Eugenics Society to all 9 and 10 point families of four or more children.

The Fitter Family schedule has spaces for four consecutive yearly examinations, thus saving such writing and also showing graphically whether conditions are better or worse year by year. This schedule has been in use for two years. The families who brought back their schedules for re-checking last fall found that it took considerably less time to go thru the procedure. The repetition of the mental tests and the Wasserman test are optional, which also further shortens

the time necessary to take the annual check up.

The Fitter Family staff wishes to be helpful and give such advice and suggestions as occasion suggests in all these units. In order to profit by the examinations all individuals must of course be perfectly frank and candid. The helpful thing is to get defects and tendencies down in a graphic form so they may be clearly recognized and in such form that helpful advice may be given.

The examinations are private and confidential and only Capper medal winners and 9 and 10 point families will be published.

### Women's Service Corner

Our Service Corner is conducted for the purpose of helping our readers solve their puzzling problems. The editor is glad to answer your questions concerning housekeeping, home making, entertaining, cooking, sewing, beauty, and so on. Send a self addressed, stamped envelope to the Women's Service Corner, Kansas Farmer and a personal reply will be given.

#### Restore Stiffening in Bonnet

After washing a broadcloth baby bonnet in water the stiffening is all gone and the ruffle won't stand up. Can you give me a remedy for stiffening it?

Mrs. R. N. C.

I suggest that you sponge the hood with gum arabic water. Sponge on the right side and iron the same side while it is still damp, but almost dry. This will restore it to nearly its original freshness.

#### Home Methods of Dry Cleaning

I am writing to your department for a leaflet on dry cleaning, or any directions you can give me.

Mrs. F. D. W.

We do not have a leaflet on dry cleaning, and the directions are much too long to print here, but I am glad to mail you directions. These will be gladly sent to anyone else desiring to know about this, by writing to the Home Department, Kansas Farmer, Topeka, Kan.

#### Defense Against Red Ants

We are bothered with red ants at our house. Can you tell me something to do to get rid of them?

Mrs. C. E. G.

In defense of the red ants which have infested your house I am suggesting that you set the legs of the tables in cups containing a little water with kerosene oil on the surface. This film of oil is an effective barrier until it evaporates, when it must be renewed.

### Old Chairs Dress Up

BY RUTH T. LARIMER

**O**LD CHAIRS stir up memories of pleasant evenings spent in comfort. But how commonplace they begin to look after years of use. Covered with bright chintz or cretonne they take on a gay new look and the cost of such covering is far less than replacing them with new chairs.

Most husbands are reluctant to change their old chairs for new ones anyway. In one of my friend's homes is an old morris chair. Everyone knew that it had held Carl's 200 pounds in peaceful comfort for years and no amount of inducement could persuade him to change, but to Margaret this chair had always been an eyesore until she covered it with cretonne, in a bright rose pattern on a black background.

For my husband's armchair I made a washable slip cover of cretonne. In purchasing the material I was careful to choose a fabric which had "guaranteed washable and sunfast" printed in the selvedge. The cost of this material is more than others but I believe it is worth the difference in the price since it can be laundered at home, thus saving cleaning bills and the firm from which it was purchased will stand behind the printing on the selvedge.

Two little hickory chairs, a rocker and a straight chair, were picked up for 25 cents each and were in a disreputable condition. A coat of paint and gay flowered chintz ruffled cushions transformed them into dainty bedroom chairs.



# Oven Meals Are Most Appetizing

## A Smooth, Velvety White Sauce Assures Success With Scalloped Dishes

By Grace Carlson Fowler

THERE is something about a scalloped dish that "dresses up" a vegetable. When a snappy day comes along, the cool tang in the air reminds us of those appetizing oven meals, and how well the scalloped dish fits in!

The success of the average scalloped dish—and indeed many other dishes—depends largely upon the cook's ability to make smooth, velvety white sauce. There are several accepted methods of preparation, but the one I find the easiest and surest is made as follows: Melt the butter in a saucepan, add flour mixed with seasonings and stir until thoroughly blended, but not brown. Add cold milk gradually, stirring constantly to insure a smooth quality. Boil several minutes to thicken mixture and thoroughly cook the starch.

A medium white sauce is commonly used for scalloped dishes, altho recipes and individual tastes may vary on this point. In making white sauce for the recipes that follow, use 2 tablespoons butter, 2 tablespoons flour, ½ teaspoon salt and a few grains pepper to each cup of milk.

### Scalloped Potatoes

6 medium sized potatoes 1½ cups white sauce  
Salt, pepper Grated cheese

Wash, pare and cut potatoes into thin slices. Place a layer of white sauce in buttered baking dish, cover with a layer of potatoes, sprinkle with salt and pepper. Repeat process until potatoes and white sauce are used. The top layer should be white sauce. Cover with grated cheese and bake 1 to 1½ hours in moderate oven.

### Scalloped Corn

1 pint fresh corn or 2 to 4 tablespoons cream  
drained, canned corn 1½ cups white sauce  
1 tablespoon sugar 1 cup bread crumbs

Add corn, salt and sugar to white sauce. Let mixture come to boiling point and turn into baking dish. Cover the top with the bread crumbs, moistened slightly with the cream, and bake 15 to 20 minutes. A tablespoon of butter may be used instead of the cream.

### Scalloped Tuna Fish

1 cup tuna fish Few grains pepper  
¾ teaspoon salt Few drops lemon juice,  
Buttered bread crumbs if desired  
½ cup white sauce

Flake fish and mix with the seasonings. Arrange in alternate layers with the white sauce

### Leaflets Give Help

THE leaflets below are suggested with the idea in mind of helping you plan menus for the coming fall and winter days when there will be so many other things to think about. You may have them for 2 cents each or the 7 for 10 cents. Check the ones you want and address Home Department, Kansas Farmer, Topeka, Kansas.

One Dish Suppers  
Oven Meals  
Desserts  
Covered Dish Luncheons  
Sandwiches  
Cooking for Coin  
Menus for Children, 2 to 6 Years

in a buttered baking dish. Sprinkle buttered crumbs over top and bake until sauce bubbles thru and crumbs are brown.

### Scalloped Cabbage

1 cup white sauce Salt  
4 tablespoons buttered 3 cups uncooked cabbage  
crumbs Speck cayenne pepper

Remove outer leaves from cabbage, crisp in cold water if necessary. Cut rather fine and cook in boiling, salted water until tender. Drain. Arrange layers of cabbage and white sauce and seasoning in buttered dish. Cover top with buttered crumbs and brown in the oven.

### Scalloped Onions

2 cups cooked onions 1 cup white sauce  
Buttered bread crumbs Salt, pepper

Cook skinned onions in boiling salted water until tender. Drain and slice. Arrange onions, white sauce and seasonings in layers in buttered

baking dish, sprinkle with buttered bread or cracker crumbs and place in oven to brown.

### Scalloped Tomatoes

1 quart can tomatoes 3 medium slices of bread  
2 teaspoons salt broken fine  
¼ cup cream 1 teaspoon scraped onion  
Few grains pepper if desired

Mix tomatoes, salt, pepper and onion, and turn into buttered baking dish. Cover with buttered bread crumbs and bake in medium hot oven about 30 minutes. About 10 minutes before removing from oven, pour the thick cream over top.

### Down Valley View Farm Way



I left you last week at Mrs. Gravanders's Tea Room just as we were ready to be served.

The first course was placed on separate tables, which were wheeled into the center of the rooms. We took our plates, lined up a la cafeteria, passed around and helped ourselves. On this table, as nearly as I can remember, were: Meat balls, lettuce, tomato and cucumber salad, boiled potatoes, yestost, the most delicious cheese, made from goat's milk, smorgesbord, Swedish bread, rye bread, butter. The next course was baked liver, brown gravy, mashed potatoes, cheese, bread, butter, boiled onions. The dessert was an invention of Mrs. Gravanders's own, and real coffee was served. I am going to tell you about the dessert just as nearly as our hostess told it to me.

She brought her coffee and dessert and came and sat down with us to visit and to eat. We were so pleased to have her for she is splendid. This is the way she said she made this unusual rich treat. You should line your baking dish with sliced jelly roll, then pour into the center of it a steamed apple sauce mixed with 3 eggs, sugar to sweeten, and a little butter to bring out the flavor. Then bake that long and slowly, and it becomes rich and caramelized. Remove it from the dish, place on serving plate, garnished with whipped cream and serve.

I am going to try this dessert just as soon as the fresh apples come into the local market for it is so unusually good. Mrs. Gravanders, unlike some tea room hostesses, generously offered her meat balls recipe. Here it is: To 2 cups beef take 1½ cups veal and ½ cup pork. Grind this together 4 times. The butcher will do it for you. To 1 pound of meat add 1 cup milk, 1 egg, ½ cup bread crumbs, moisten the crumbs in milk, 1 small onion and 1 clove of garlic grated, salt and pepper to taste, and a generous dash of sugar. Mrs. Gravanders says she puts a little sugar into everything, soups, gravies, meats. Mix altogether and mold into tiny balls, then fry them in butter.

After lingering long over the coffee cups every one went down to the basement and spent an hour dancing with the hostesses and guests, the rollicking, rhythmic folk dances of Sweden. From there we climbed to the third floor to the spinning wheels, looms, treasure chests, and antique displays. Such quantities of lovely handwoven pieces of every size, design, color, and degree of usefulness. Almost every piece there has been made on Mrs. Gravanders's looms. We finally tore ourselves away, after having been there from 7 until 10:30. This charming lady from the Swedish mainland makes a pleasing ritual of her public entertaining. That is undoubtedly the secret of her great success. Each guest, altho a stranger, is treated as a friend.

### Choosing Your Curtains

BY ANNE RYDER

HAVE you ever thought how barren your home would look if there were no curtains? Even transparent glass curtains decorate a simple room, giving it a feeling of privacy and softening the glare of the sunlight. In homes where the

budget does not permit the purchase of both glass curtains and overhangings, most interior decorators agree that the room is more attractively furnished if heavy curtains rather than glass curtains are selected.

If a room has plain walls, plain rugs and colorless upholstery there is an opportunity to introduce life, character and color thru the use of colorful draperies. If the wallpaper is figured, plain drapery material is more effective. For a room with painted walls, almost plain, striped, polka dot or invisible plaid wallpaper, almost any curtain material is suitable.

In country homes, living things such as birds, flowers and landscapes are effectively brought into the house in the chintzes, cretonnes and hand-blocked linens. Overhangings need not be expensive to be attractive. I know of one home that is curtained entirely in gingham and another where unbleached muslin was cleverly and attractively dyed to harmonize with each room.

Cotton velvets and velours catch all the dirt and odors and are as unsuitable as the silk damasks which fit with polished mahogany and rich orientals.

Curtain fixtures may be of wood, iron or brass. Usually the rings are of wood if they are to show and of brass if they are invisible. Simple wrought iron rods or plain iron piping do not look as over-decorated as cast iron fixtures that are brightly painted.

### Fall Styles Arrive

THE new fall trend shows its influence in the street dress for the young miss, the dress for the stout, and the one-piece bloomer frock for the little tot, pictured below.

2633 is an economical choice for it can be worn all fall. The lines are straight and becoming. A flounce provides an attractive flare to the skirt, and keeps the silhouette slender. This style shows a sharp downward curved line from just below the right hip. Fulness at either side in kilted pleats gives a desired fulness. Designed in sizes 14, 16, 18, 20 years, 36, 38 and 40 inches bust measure.

817 shows the tightened hipline with shirring at either side seam. The jabot neckline lends



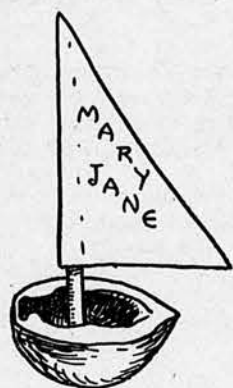
softened line to the bodice and detracts from breadth. Designed in sizes 36, 38, 40, 42, 44 and 46 inches bust measure.

803 presents a lovely choice for the tiny tot. Fulness falls from shoulders and the dress closes at the center-front. The Peter Pan style collar is neat and offers a smart trim. Bloomers are cut generously full and are held with a knee band. Designed in sizes 2, 4 and 6 years.

All patterns are 15 cents and may be secured from the Pattern Department, Kansas Farmer, Topeka, Kan.



# Fun With Puzzles and Riddles



You can make very novel place cards in the following manner:

Use a half of a walnut shell as the basis of a tiny ship. Cut the tip off of a match and glue it to a triangle of stiff white paper, as shown in the illustration. Then fasten the match to the bottom of the shell with glue or wax. The name is to be written on the sail of the ship.

## Likes to Farm

I am 11 years old and in the sixth grade. I go to Harmony school. I live on a 360-acre farm. I like the farm very much. I have four sisters and four brothers. Their names are Ethel, Millie, Joe, Mary, Lawrence, Walter, Tresa and Wilfred. I also have two nieces. Their names are Rosie and Bernice Marie. I help my mother raise ducks. I would like to hear from some of the girls and boys my age.

Rudolph Rumbach.

Grainfield, Kan.

## Try to Guess These

What islands ought to be good singers? The Canaries.

What relation is a door mat to a door step? A "step farther."

Why is a thump like a hat? Because it is felt.

When is a rope like a child at school? When taught. (taut.)

What is it that runs all the way

between two towns and never moves? A road.

What is that which goes up the hill and down the hill, and yet stands still? The road.

What games do the waves play? Pitch and toss.

What is the best way to raise strawberries? With a spoon.

Why is a cherry like a book? Because it is red (read).

If a man shot at two frogs and killed one, what would the other one do? Croak.

What animal keeps the best time? A watch dog.

## Goes to Turon School

I go to Turon grade school. I live 1 1/4 miles from school. I have seven sisters and four brothers. I am 10 years old and will be in the sixth grade this fall. I enjoy the girls' and boys' page.

Maggié Pederson.

Turon, Kan.

## Parrot Puzzle

This parrot is giving the children some good advice. Can you separate the words at the right places so as to find the quotation—a verse by Pope? Send your answers to Leona Stahl, Kansas Farmer, Topeka, Kan. There will be a surprise gift each for the first 10 girls or boys sending correct answers.



## Has Plenty of Pets

My teacher's name is Miss Laughlin. I am 8 years old and will be in

the third grade this fall. For pets we have a mule, a calf, two dogs and four cats. I have one sister. She is 12 years old and will be in the seventh grade. Her name is Edith. My cousin is visiting us now. I would like to hear from some of the girls my age.

Walnut, Kan.

Eloise Johnson.

## The School Lunch Box

Dear Little Cooks: What does your lunch box contain? You can be of great assistance to mother by learning the proper food which should go into your school lunch box. Here are a few set rules to follow.

Each lunch should include a meaty sandwich, a refreshing drink and a sweet; any of the following with a glass of milk or a cup of hot cocoa makes a light but adequate lunch. If your school is in the habit of cooking something warm for each noonday meal, so much the better.

1. Date bread sandwich spread with butter or cream cheese; peanut cookies; orange.

2. Biscuit sandwich with chopped chicken; cup custard; filled cookies.

3. Graham biscuit sandwich with chopped meat filling; cinnamon bun; baked apple.

4. Brown bread and butter sandwich; custard; cup of baked beans; tomato; raisin drop cake.

5. Whole wheat fruit bread sandwich, cream cheese filling; molasses cooky; banana.

Yours for more healthful lunch boxes,

Naida Gardner.

## Has a Pet Goat

For pets we have a dog and a little goat. The dog's name is Pal and the goat's name is Billie. I am 12 years old and in the eighth grade. We live about 1 mile from Stuttgart where we go to school. I have two sisters and four brothers. My sisters' names are Elizabeth and Marie and my brothers' names are Karl, Otto, Rob-

ert and Eugene. My father is a minister. I enjoy reading the children's page.

Gertrude Krauss.

Stuttgart, Kan.

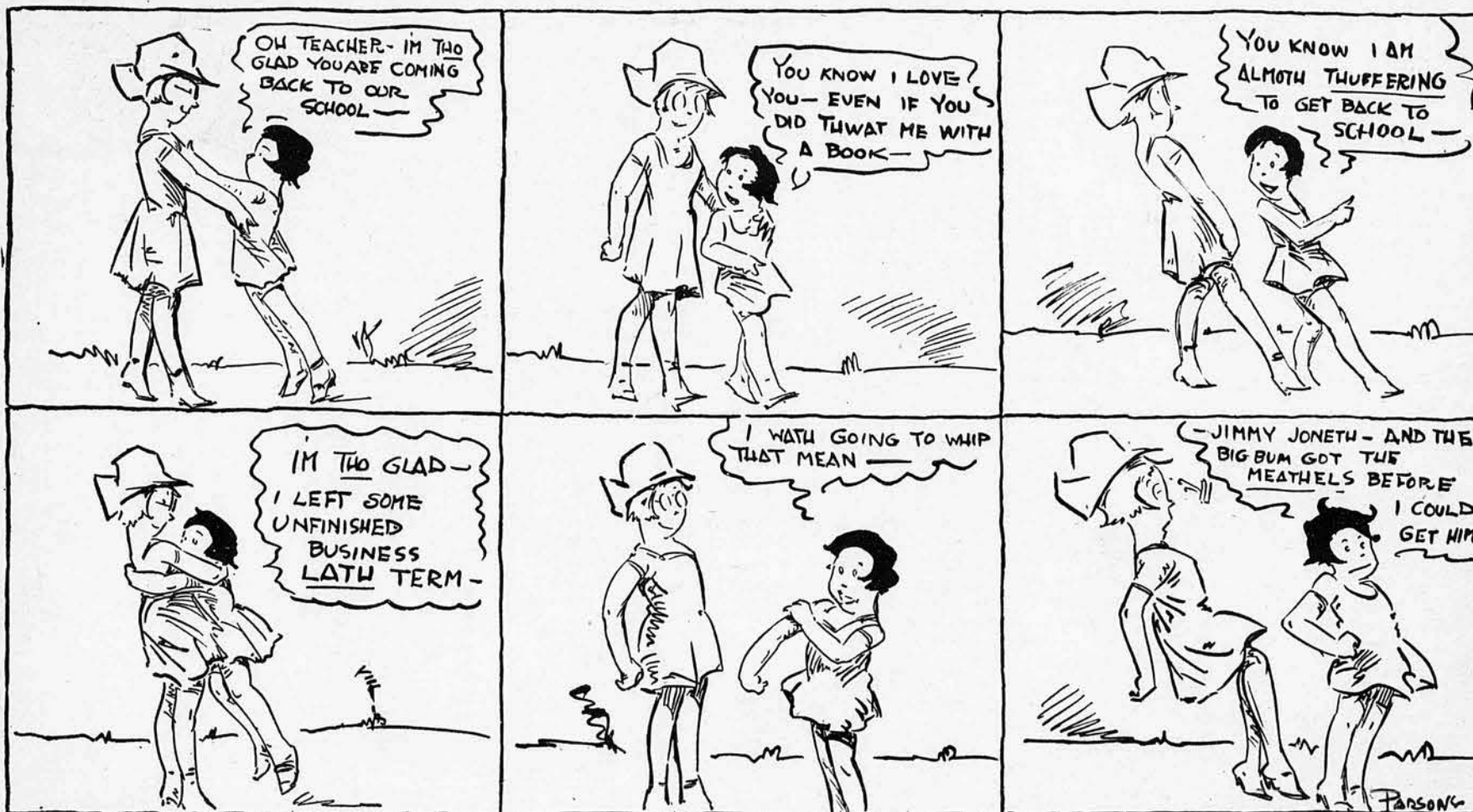
## My Dog's Name Is Ted

I am 10 years old and in the fifth grade. The name of our school is Xenia. My teacher's name is Mr. Melson. I have two brothers. Their names are Harold and Lyle. Harold is 7 years old and Lyle is 4 years old. For pets we have a dog named Ted, four white cats and one black cat. I enjoy the girls' and boys' page very much. I'd like to hear from some of the girls and boys. Lola May Johnson.

Bronson, Kan.



If the letters on each of these clouds are properly arranged and the words placed in the correct order, they will spell a familiar proverb. Can you guess what it is? Send your answers to Leona Stahl, Kansas Farmer, Topeka, Kan. There will be a surprise gift each for the first 10 girls or boys sending correct answers.



The Hoovers—Unfinished Business



## Leavenworth Rich in History

### Much of State's Early Development Occurred in Pioneer River Town; Now Industrial Center

LEAVENWORTH with a present population of 20,000, was established in 1854, the first town in the Territory of Kansas. Naturally its history records many first occasions—the first newspaper, first bank, first trial, and so on, in the state. Its history has been closely identified with that of Fort Leavenworth. Here was located the transportation company of Russell, Majors & Waddell, which promoted much of the early western wagon transportation and the "Pony Express." Leavenworth and Fort Leavenworth were important mobilization centers during the Civil War and Leavenworth supplied many Civil War leaders.

Leavenworth county originally was organized by the act of the legislature in 1855. The county took its name from the prominent military post situated within its limits and which was established in 1827, and named in honor of General Leavenworth of the U. S. Army who selected its site.

The city of Leavenworth is located on the bluffs overlooking the Missouri river in the center of one of the richest agricultural districts in the West. It is one of the leading industrial cities in Kansas, having 58 industrial plants with an annual pay roll of approximately 3 million dollars.

The principal industries are wood working, structural steel and iron, mill and mine machinery, stoves and ranges, furniture, gloves, mattresses, commercial refrigeration and flour. Leavenworth is served by seven railroads, 20 miles of street railway and bus routes. The city has 50 miles of paved streets. There are 30 churches of well-known denominations, an active Y. W. C. A., Carnegie Library and an excellent school system. Leavenworth is building a new, fire-proof hospital from funds contributed by the public. There are two beautiful parks and two country clubs. The following institutions are located at this city: Fort Leavenworth, Army Service Schools, United States Federal Prisons, Citizens Military Training Camp, Kansas State Prison, Kansas Industrial Farm for Women, Western Branch of the National Home for Disabled Volunteer Soldiers, St. Mary's Academy and the William Small Memorial Home.

### Institute to Kansas

The seventh summer session of the American Institute of Co-operation will be held at the agricultural college at Manhattan, Kan., in June, 1931. Announcement that trustees of the Institute have accepted the invitation of the Kansas State Agricultural College to serve as host is made by Charles W. Holman, secretary of the institute. The Kansas invitation was supplemented by active efforts of various farm organizations and co-operatives in the Southwest to obtain the meeting.

For the 1932 summer session, Mr. Holman declared, the trustees have voted to accept the invitation of the University of New Hampshire to meet at Durham.

The sessions at the Kansas State Agricultural College next year will begin June 1, and continue four weeks with a series of courses for which college credit will be granted. Farm economists, county agricultural agents, vocational agricultural teachers and other co-operative leaders able to meet entrance requirements will participate in these classes.

Preparations are being made for an attendance of 3,000 persons during the week of June 8, when conferences of nation-wide scope are scheduled for co-operative executives on problems affecting all commodities. Dele-

gates are expected from every agricultural state as well as from Canada, Europe, Australia and South America. Special emphasis is to be devoted to problems of grain and livestock marketing.

### Honey Crop Important

For the next 10 years at least Kansas will produce a lot of honey, in the opinion of A. V. Small, Augusta bee specialist. With the industry largely in the hands of men who make the harvesting and marketing of honey a business, it will be put on a substantial basis and will yield returns that will make it a worth-while unit of Kansas' industrial progress.

Mr. Small bases his observation upon things he noted in a recent tour of the eastern part of the state. This trip showed him there is a constantly increasing acreage of clover throughout that section and that bee pasture will be plentiful for years.

When grain products are low, the farmers sow clover, he said. When the prices go up, they plow up the clover and return to grain. During and shortly after the war, clover gave way to wheat and the state's acreage of clover and alfalfa dropped down to a fraction of that grown before. Now it is coming back rapidly.

Butler county, he said, has about 7,000 acres of Sweet clover, Sedgwick about 6,000, Greenwood practically the same and Cowley about 8,000 acres. That offers pasturage for a lot of honey bees.

According to Mr. Small, who has specialized in producing and marketing honey for nearly 20 years, the honey belt has moved within the last few years. It extends from Canada

south and runs out in Oklahoma. It has worked westward until now North and South Dakota, which formerly produced practically no honey at all, produce a great deal of it.

The present year produced about two-thirds of an average crop, according to Small. It ran out a little earlier than usual because of the drouth, but the quality was better because of dry weather. He looks for a good business from the marketing standpoint. The shortage of fruit naturally tends to enhance the demand for honey, but scarcity of money also hampers it, but to a lesser extent.

Chicago has now passed Paris in population and thus becomes the world's fourth largest city. The glorious fourth, judging by the way it sounds.

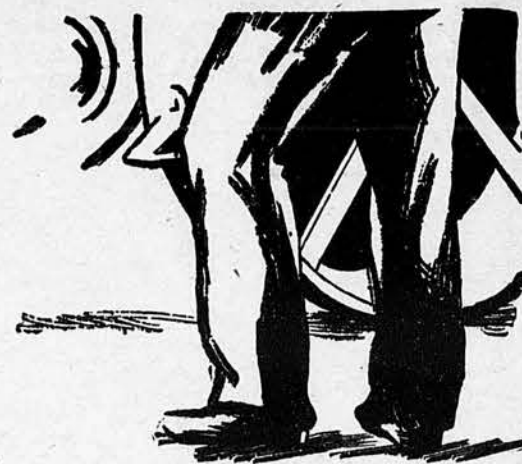
A doctor says some people are apt to get dizzy when walking by the sea. They see people swimming before their eyes.



## BUY COAL LIKE SEED

... by Certification or Trade Mark

Just like the highest quality seed... Sunflower coal produces for you. The Sunflower label means that this genuine Cherokee coal has been carefully inspected at the mines... that it has been sized uniformly... that all impurities have been discarded. The label on this coal like the certification of seed is a guarantee of results. Buy Sunflower with confidence. Discover for yourself how much cleaner it is to handle... how it gives intense heat... few ashes and absolutely no clinkers when fired correctly. Remember to ask for this especially refined coal by the name Sunflower, a Kansas name for a Kansas coal for Kansas people. Address our sales offices for the name of the Sunflower dealer nearest you. 919-923 Dwight Building, Kansas City, Mo.



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Produced by

THE PITTSBURG AND MIDWAY COAL MINING CO.



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**His Amazingly Low-Cost  
Woodmen Accident Policy  
Paid Family \$1,000 Cash**

Here's ghastly proof that N-O-W is the time to provide protection against injury costs. Frank C. Jisa, Nebraska farmer, driving to town . . . his truck struck by speeding train . . . skull fractured, requiring an expensive operation. He lingered for several days, dangerously injured, then died, leaving bills totaling hundreds of dollars for hospital, doctors and nurses.

BUT—not one cent did his family have to pay! His Woodmen Accident policy, taken out just 3 weeks before the accident, paid all—and MORE! At tiny cost, he had saved his family \$1,000!

### Decide, NOW, You'll Never Get Caught

Make up your mind, right now, that you'll take out accident insurance at once, so your family won't suffer when you are injured. Act quick! Think what delay would have meant to Jisa's family. You don't know from one day to the next what may happen. Farm accidents are increasing. They come without warning. Then—bills! BILLS, B-I-L-L-S for doctor, nurses, hospital and hired help to do your work.

### Get the BEST Accident Policy

Investigate Woodmen Accident, positively the world's best policy for farmers. For tiny cost it saves you injury costs. Most advantages: (1) Pays for ALL injuries. (2) Starts paying first day you are laid up. (3) Has protected farmers for 40 years. (4) Is a \$1,000,000 company. (5) Saved farmers over \$500,000 last year, alone. (6) Costs very little. (7) Is non-fraternal and not connected with any fraternal order.

### Send NOW for Free Book

Get the facts! See how Woodmen Accident pays more generously for more injuries. See why most farmers prefer Woodmen Accident. Sign coupon and mail, TODAY. Don't put it off—decide, NOW, to send!

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"Farm Sanitation"

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TODAY!

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DIP NO. 1**  
Standardized

Germicide  
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Disinfectant

Kreso Dip No. 1, standardized, is a coal-tar product—non-irritating, effective, inexpensive. It is for use on horses, cattle, sheep, goats, swine, dogs and poultry. It destroys lice, fleas, sheep ticks and chicken mites. It drives away flies and mosquitoes. Kreso Dip No. 1 disinfects, cleanses and helps deodorize.

Purchase Kreso Dip No. 1 at Drug Stores

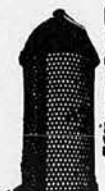
When writing for "Farm Sanitation" booklet address:  
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Get prices on Rowell Trojan Ensilage Cutters



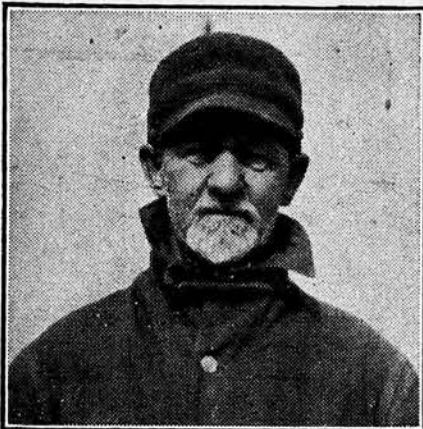
J.M. PARKS  
MANAGER



## Clever Salesmen Understand Human Nature; They Know It Is Easier to Make a "Swap" Than a "Sale"

ONCE more we warn members of the Kansas Farmer Protective Service to "investigate before you invest." Just as we prophesied in this column on June 26, Kansas has been overrun again by high-powered salesmen of "investments."

A typical example of the 1930 species is the man who wants to trade you stock in a "new, growing concern that pays big dividends," for your old "worthless" stock. Now, why does he want your "worthless" stock? It is because he knows that altho it may pay smaller dividends, it is the safer investment of the two. Nevertheless, if he is clever, and you are off your guard, he'll work on that "swapping instinct" which he knows you possess until you consent to trade



J. H. Willenburg of Near Iola, Allen County, Shared in the \$50 Reward Paid by the Kansas Farmer Protective Service for the Arrest and Conviction of Harry Menefee and Elmer Nordt, Who Stole Chickens From the Willenburg Farm Last March

your birthright for a mess of pottage. Don't let him catch you off your guard. Don't trade or buy any of his "paper" until you have learned from your trusted banker exactly how much you can borrow on it in case you are pressed for ready money. Thorough investigating is the safest route to satisfactory dividends.

The following two letters show that

the Kansas Farmer Protective Service members appreciate the aid that they are getting from the Protective Service Department.

Ottawa, Kansas  
July 14, 1930

"Kansas Farmer Protective Service, Topeka, Kansas

"Gentlemen: The bank of Willard has honored the adjustment check which you sent to me some time ago.

"Allow me to express my sincere appreciation for your kind help. I am glad to inform my friends, who have been inquiring, that your department has brought about a satisfactory settlement.

"I do not want you to think that my negligence in writing detracts in the least from my thankfulness for what you have done for me.

Very truly yours,  
Earl R. Turner."

Conway Springs, Kansas  
July 23, 1930

"Kansas Farmer Protective Service, Topeka, Kansas

"Gentlemen: Just a few lines to tell you of my appreciation of your efforts in my behalf. I received the check from the . . . Hatcheries some little time ago, and have neglected to let you know of the fact.

"I am sure I should not have received my money if it had not been for you.

"Thanking you most sincerely, and congratulating you on your wonderful work, I am, Yours truly,  
Mrs. Henry Bicket."

Of course, the Protective Service cannot accomplish the impossible. We cannot succeed in capturing every crook who preys upon our members, but we usually get them if they continue their tricks. Right now we are on the trail of one, J. C. Harris, who defrauded Protective Service member Roy Engle of Oskaloosa, Jefferson county, out of \$225 by representing himself to be a Federal secret service man who required that amount to complete a \$1,000 peace bond which

(Continued on Page 26)



ANOTHER SIGN OF  
HARD TIMES — FOR  
THIEVES

## WORN OUT SPARK PLUGS

cause

**Hard Starting  
Slow Pick-up  
Poor Idling  
Loss of Power  
Fuel Waste**

A new set of AC's will insure easy starting, fast pick-up, greater operating economy, smoother engine performance.

Although AC's function so much longer and better than ordinary spark plugs, factory service engineers recommend changing them every 10,000 miles for better economy and improved performance. On putting in a new set of AC's—no matter what make of spark plugs you are using now—you will immediately note the difference.

**AC SPARK PLUG CO.**  
FLINT, Michigan

**AC**  
Spark Plugs

**CORN HARVESTER** Self-Gathering for cutting Corn, Cane and Kafir Corn. Cuts and throws in piles on harvester. Man and horse cuts and shocks equal to a Corn Binder. Price only \$25 with fodder binder. The only self-gathering corn harvester on the market that is giving universal satisfaction. Dexter L. Woodward, Sandy Creek, N. Y. writes: "3 years ago I purchased your Corn Harvester. Would not take 4 times the price of the machine if I could not get another one." Clarence F. Higgins, Spearmore, Okla. "Works 6 times better than I expected. Saved \$40 in labor this fall." Roy Apple, Farmersville, O. "I have used a corn shucker, corn binder and 2 rowed machines, but your machine beats them all and takes less time of any machine I have ever used." John F. Haag, Mayfield, Oklahoma: "Your harvester gave good satisfaction while using filling our Silo." K. F. Ruegnitz, Otis, Colo. "Just received a letter from my father saying he received the corn binder and he is cutting corn and cane now. Says it works fine and that I can sell lots of them next year." Write for free catalog showing pictures of harvester at work and testimonials. ZIEGLER HARVESTER CO. Dept. 6, Salina, Kan.

## When horse goes lame . . . Reach for ABSORBINE

38-year-old Absorbine relieves lame legs strained or injured. Old-timers rely on it to get soreness from overworked muscles and tendons. No lost hair, blisters, or lay-ups. Kills infection; aids prompt healing of cuts, bruises. Get a bottle and keep it handy. All druggists—\$2.50. W. F. Young, Inc., 607 Lyman St., Springfield, Mass.

## Who Writes What You Read?

Kansas Farmer holds an enviable place among farm papers as regards the training and ability of its editorial staff. You probably know many of its editors personally. You have read about the others. All are highly trained, both in theory and practice, to write authoritatively on their special subjects—to instruct you, entertain you and give you a well balanced farm paper.

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## Here's Your Special Invitation

**Big Nick and All the Folks of WIBW Hope You Will Enjoy the "Crystal Studio" at the Free Fair**

ALL during Free Fair week at Topeka, September 8 to 13, WIBW will operate the "Crystal Studio" at the fair grounds, so when visitors wish to sit down to rest a while they will be able to hear the regular programs. While you listen to these broadcasts at the fair and watch the performers, you may know that the folks at home are getting practically the same programs. The only difference will be in periods when KSAC shares time with WIBW. At those times WIBW will present special features locally that will be well worth hearing.

You will remember the Crystal Studio from last year, if you were a Free Fair visitor, and the crowds that filled the seats around the "glass house" where the WIBW artists were performing. This was a whole show by itself, and Big Nick, the director of the Capper Publications' broadcasting station, promises even more fun this year. Following is the program in detail you will be able to hear at the fair.

### SUNDAY, SEPTEMBER 7

- 8:00 a. m.—Land O' Make Believe (CBS)
- 8:50 a. m.—Columbia's Commentator (CBS)
- 9:00 a. m.—Morning Musicales
- 10:00 a. m.—Musical Vespers
- 12:00 m.—Pennant Cafeteria
- 12:30 p. m.—Ballad Hour (CBS)
- 1:00 p. m.—Watchtower IBSA
- 1:30 p. m.—Conclave of Nations (CBS)
- 2:00 p. m.—Cathedral Hour (CBS)
- 3:00 p. m.—French Trio (CBS)
- 3:30 p. m.—The Crockett Mountaineers (CBS)
- 4:00 p. m.—Flashlights
- 4:30 p. m.—The Globe Trotter (CBS)
- 5:00 p. m.—Columbia String Symphony
- 5:30 p. m.—The Round Towners (CBS)
- 5:45 p. m.—The World's Business (CBS)
- 6:00 p. m.—Mayhew Lake and his Band (CBS)
- 6:30 p. m.—Pennant Cafeteria
- 7:00 p. m.—The Music Hall
- 8:00 p. m.—Pipe Dreams of the Kansas Poet
- 8:30 p. m.—Around the Samovar (CBS)
- 9:00 p. m.—Robert Service Violin Ensemble
- 9:30 p. m.—The Crystal Gazer
- 10:00 p. m.—Tomorrow's News
- 10:10 p. m.—Coral Islanders (CBS)

### MONDAY, SEPTEMBER 8

- 5:30 a. m.—Alarm Clock Club
- 6:00 a. m.—Time, news, weather
- 6:05 a. m.—Shepherd of the Hills
- 6:20 a. m.—USDA Farm Notes
- 6:30 a. m.—Morning Devotionals
- 6:55 a. m.—Time, news, weather
- 7:00 a. m.—Something for Everyone (CBS)
- 7:30 a. m.—Blue Monday Gloom Chasers (CBS)
- 8:00 a. m.—Housewives' Musical KSAC
- 8:40 a. m.—Health Period KSAC
- 9:00 a. m.—Early Markets
- 9:05 a. m.—Sunshine Hour
- 10:00 a. m.—Housewives' Half Hour KSAC
- 10:30 a. m.—Bouquet of Melodies
- 11:00 a. m.—Women's Forum. Harriet Allard; Aunt Lucy.
- 11:15 a. m.—Keokil Hawaiians
- 11:45 a. m.—Complete Market Reports
- 12:00 m.—Senator Arthur Capper's "Timely Topics"
- 12:15 p. m.—Columbia Farm Network (CBS)
- 12:25 p. m.—State Board of Agriculture
- 12:30 p. m.—Noonday Program KSAC
- 1:30 p. m.—For Your Information (CBS)
- 2:00 p. m.—Wardman Park Orchestra (CBS)
- 2:30 p. m.—Ebony Twins (CBS)
- 3:00 p. m.—The Letter Box
- 3:15 p. m.—The Melody Master
- 3:45 p. m.—Aunt Zelena (CBS)
- 4:00 p. m.—Lonely Troubadours
- 4:30 p. m.—Matinee KSAC
- 5:30 p. m.—Uncle Dave's Children's Club
- 6:00 p. m.—Burbig's Syncopated History (CBS)
- 6:30 p. m.—Daily Capital Radio Extra
- 6:40 p. m.—Pennant Cafeteria
- 7:00 p. m.—The Gingersnaps
- 7:30 p. m.—Toscha Seidel and Concert Orchestra (CBS)
- 8:00 p. m.—Sod Busters
- 8:30 p. m.—Grand Opera Miniature (CBS)
- 9:00 p. m.—Kansas Authors' Club
- 9:30 p. m.—Ted Florito and his Orchestra (CBS)
- 10:00 p. m.—Tomorrow's News
- 10:10 p. m.—Paul Tremaine and his Orchestra (CBS)
- 10:30 p. m.—Nocturne (CBS)

### TUESDAY, SEPTEMBER 9

- 5:30 a. m.—Alarm Clock Club
- 6:00 a. m.—Time, news, weather

- 6:05 a. m.—Shepherd of the Hills
- 6:20 a. m.—USDA Farm Notes
- 6:30 a. m.—Morning Devotionals
- 6:55 a. m.—Time, news, weather
- 7:00 a. m.—Something for Everyone (CBS)
- 7:30 p. m.—U. S. Army Band (CBS)
- 8:00 a. m.—Housewives' Musical KSAC
- 8:40 a. m.—Health Period KSAC
- 9:00 a. m.—Early Markets
- 9:05 a. m.—Sunshine Hour
- 10:00 a. m.—Housewives' Half Hour KSAC
- 10:30 a. m.—Bouquet of Melodies
- 11:00 a. m.—Women's Forum. Rachel Ann Neiswender; Aunt Lucy.
- 11:15 a. m.—Spick and Span Hour
- 11:45 a. m.—Complete Market Reports
- 12:00 m.—Columbia Farm Network (CBS)
- 12:25 p. m.—State Board of Agriculture
- 12:30 p. m.—Noonday Program KSAC
- 1:30 p. m.—For Your Information (CBS)
- 2:00 p. m.—Keokil Hawaiians
- 2:30 p. m.—Ann Leaf at the Organ (CBS)
- 3:00 p. m.—Letter Box
- 3:15 p. m.—Melody Master
- 3:45 p. m.—Dancing by the Sea (CBS)
- 4:00 p. m.—Lonely Troubadours
- 4:30 p. m.—Matinee KSAC
- 5:30 p. m.—Uncle Dave's Children's Club
- 6:00 p. m.—The Serenaders
- 6:30 p. m.—Daily Capital Radio Extra
- 6:40 p. m.—Pennant Cafeteria

- 7:00 p. m.—The Gingersnaps
- 7:30 p. m.—The Columbians
- 7:45 p. m.—State Farm Bureau
- 8:15 p. m.—Paramount Publix Hour (CBS)
- 9:00 p. m.—Song Story
- 9:15 p. m.—Heywood Brown's Radio Column (CBS)
- 9:30 p. m.—Chicago Variety Hour (CBS)
- 10:00 p. m.—Tomorrow's News
- 10:10 p. m.—Musical Interlude
- 10:30 p. m.—Nocturne (CBS)

### WEDNESDAY, SEPTEMBER 10

- 5:30 a. m.—Alarm Clock Club
- 6:00 a. m.—Time, news, weather
- 6:05 a. m.—Shepherd of the Hills
- 6:20 a. m.—USDA Farm Notes
- 6:30 a. m.—Morning Devotionals
- 6:55 a. m.—Time, news, weather
- 7:00 a. m.—Something for Everyone (CBS)
- 7:30 a. m.—Morning Moods (CBS)
- 8:00 a. m.—Housewives' Musical KSAC
- 8:40 a. m.—Health Period KSAC
- 9:00 a. m.—Early Markets
- 9:05 a. m.—Sunshine Hour
- 10:00 a. m.—Housewives' Half Hour KSAC
- 10:30 a. m.—Bouquet of Melodies
- 11:00 a. m.—Women's Forum. Ada Montgomery; Aunt Lucy.
- 11:15 a. m.—Keokil Hawaiians
- 11:45 a. m.—Complete Market Reports
- 12:00 m.—Columbia Farm Network (CBS)
- 12:25 p. m.—State Board of Agriculture
- 12:30 p. m.—Noonday Program KSAC
- 1:30 p. m.—For Your Information (CBS)
- 2:00 p. m.—Musical Album (CBS)
- 3:00 p. m.—Letter Box
- 3:15 p. m.—The Melody Master
- 3:45 p. m.—Aunt Zelena (CBS)
- 4:00 p. m.—Lonely Troubadours

(Continued on Page 25)



## Your Wife's Allowance

The quarterly income from just a few shares of our 7% Preferred Stock will provide sufficient ready money to pay for that new kitchen linoleum, new wall paper, or the new dresses she needs from time to time.

You'll be proud to hand her a dividend check every 90 days, to use as her allowance—knowing too, that your investment is safe, and your securities can be converted into cash—should emergencies come.

Write Dept. KF today, and ask us to tell you all about this splendid way to insure your wife's allowance.

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A Local Representative is Near You



Over 100,000 FARMALL Tractors have already been built. So great a demand means economy in manufacture and lower price.

## Price Reduced on FARMALL Tractors!

We have an important piece of news for power farmers throughout the United States—the price of the McCormick-Deering FARMALL has been cut \$50.

We are glad to be able to make such an announcement about the FARMALL at this time because right now the farmer is seriously in need of anything that will help him to cut down his costs of crop production. The reduction in price will be welcomed in every section.

Due to manufacturing economies and anticipated reductions in material costs, we were able to reduce prices on the McCormick-Deering implement lines, effective for the present season.

Recently, by the same process, we lowered the price on the 10-20 McCormick-Deering tractor \$40, and cut the 15-30 tractor price \$75.

Now, to complete our program of reductions, we announce a \$50 cut in the FARMALL price.

These reductions, made during recent months, mean a saving to farmers of millions of dollars.

As the original all-purpose tractor the McCormick-Deering FARMALL has won tremendous popularity. More than 100,000 FARMALLS have been built. Already this tractor has created a real revolution in farming. It is the best investment you can make today.

The new price is the lowest ever placed on the FARMALL.

You have probably seen the FARMALL Tractor at work. If not, your McCormick-Deering dealer will demonstrate it at any time, on any job. The FARMALL replaces 6 to 10 horses and 2 to 3 men. It plows 7 to 9 acres a day... double disks 18 to 25 acres... drills up to 45 acres... plants 24 to 46 acres... cultivates 33 to 50 acres and, in later cultivatings, 50 to 65 acres. It handles every farm power job, including row-crop operations. See your dealer now. Put the best tractor power to work—at the new FARMALL price!

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(Incorporated)  
Branches at Dodge City, Hutchinson, Parsons, Salina, Topeka, Wichita, Kansas; and at 92 other points in the United States

## McCormick-Deering FARMALL

If it isn't a McCORMICK-DEERING it isn't a FARMALL



## Farm Crops and Markets

### Pastures, Feed Crops, Alfalfa and Seedbed Preparation Were Helped by the Rains

**M**ORE rains are reported over the state which have materially helped pastures and in many cases feed crops. Alfalfa also took a new lease on life with the coming of the moisture and another cutting is in store in a number of counties. Most counties report the ground in good working condition and that seedbed preparation is progressing in a satisfactory manner. Some seeding already has been done. Of course, corn cutting still continues at a good rate and all available feed will be put to good use this year.

**Barton**—Prairie and alfalfa hay are being put up. A large per cent of the wheat ground already is plowed. We received an inch of rain recently but more is needed. Butterfat, 34c; eggs, 12c to 20c; baled alfalfa, \$13; baled prairie hay, \$3; wheat, 69c. Feed probably will be scarce.—Alice Everett.

**Cherokee**—Breaking wheat ground and baling hay have been the main jobs since the first of last month. Fat hogs are higher and stock hogs and cattle are unchanged. Cream, 35c; eggs, 15c; butter, 35c.—J. H. Van Horn.

**Cloud**—Occasional light showers have kept the surface of the ground in working condition, but failed to help the corn which will be a light yield. Oats made a fine crop of good quality. A great deal of plowing has been done for wheat. Feed promises to be rather scarce for livestock, but cattle are coming off grass in good condition and are in demand at satisfactory prices. Hay makers had a light job this year.—W. H. Plumly.

**Franklin**—We still are having hot, dry weather. Our neighbors are cutting corn and threshing. A few farms have been sold, but didn't bring very high money. Pastures are dried up and in many places water is scarce. Wheat, 75c; corn, 90c; oats, 45c; butterfat, 33c; eggs, 24c; large

the last few days at which cattle brought good prices.—A. R. Bentley.

**Linn**—We haven't received any rain yet, but the weather is cool. Some farmers are hauling water and a good many are getting ready to cut corn. We don't hear any talk of overproduction now. Oats, 70c; wheat, 95c; corn, \$1.08; butterfat, 36c; eggs, 18c; hens, 14c; broilers, 13c.—W. E. Rigdon.

**Mitchell**—We enjoyed a rain which amounted to about 1 inch and helped the feed crops considerably. Pastures are greening up nicely and livestock is doing well. Several corn binders have started and a good acreage will be cut, due to a scarcity of other feed.—Albert Robinson.

**Ness**—Dry weather continues altho not quite so hot. Corn fodder is about ready to cut. Feed will be scarce. Most of the wheat fields are ready for the drill. A general rain is badly needed. Wheat, 72c; corn, \$1; eggs, 15c; cream, 35c.—Jas. McHill.

**Osage**—The weather still continues dry and the number of farmers who are hauling water is increasing. A change to cooler weather has kept the corn green, what little green there is to it. A number of alfalfa fields will be cut for seed, and this looks like a good crop. A few silos have been filled and the contents are reported to be spoiling, due to the immature condition of the corn. Some plowing is being done. A good many farmers are disposing of their livestock, down to the size of their feed supply. Butterfat, 36c; eggs, 18c.—James M. Parr.

**Osborne**—This part of the county around Alton has had several good rains, but there has been no general rain over the county up to this time. Feed and kafir are looking fine. There will be some corn. Pastures are greening up. Cream and egg prices are high but poultry prices continue low. Livestock is doing well. Cream, 38c; eggs, 22c; wheat, 67c; corn, 80c; heavy springs, 15c; heavy hens, 12c.—Roy F. Haworth.

**Rawlins**—The ground is in fine condition for fall seeding and some farmers are

### Answers to Questions on Page 8

1. Monsieur De Lesseps.
  2. Near Atlanta, Ga.
  3. By John Jacob Astor in 1811.
  4. 400 B. C.
  5. Harold Bell Wright.
  6. Battle of the Revolution and the home of famous writers.
  7. Eulogy on the dog as man's best friend.
  8. Whales, seals, and large birds.
  9. A woman who took her husband's place when he fell wounded in the Revolutionary War.
  10. The Spanish, Italian, and Balkan peninsulas.
  11. Calmness, unconcern.
  12. To investigate companies seeking to sell speculative securities in the state.
- Note: This week's questions and answers were sent in by Mrs. J. V. Carr of Scranton, Kansas.

hens, 14c; small hens, 9c; broilers, 17c. A great many folks are having their poultry flocks culled.—Elias Blankenbaker.

**Gove and Sheridan**—We received another fine rain so late corn and feed will be fair if frost is delayed until October 15. Volunteer wheat is coming up quite thickly and some fields will be reworked before drilling. Stack and shock threshing has been delayed again. A few public sales are being held with prices fair.—John I. Aldrich.

**Graham**—We have been enjoying cooler weather and a few light showers, but we need a good rain for the row crops. Some corn fields will make fair yields, but others were damaged considerably by the dry weather. Farmers are feeding considerable wheat to their hogs. There will be the usual acreage sown to wheat this fall.—C. F. Welty.

**Jefferson**—The recent rains have improved pastures and have put the ground in good condition for plowing. However, they were too late to do corn much good. Kafir will make an excellent crop.—J. J. Blevins.

**Johnson**—No rain has fallen in the northern part of the county for some time, but the western and southern parts have been more favored. Many late gardens and some alfalfa have been planted. It is hoped that there will be another fair cutting of alfalfa. Grasshoppers are unusually numerous. Corn will amount to very little except for silage, and a good many silos have been filled. Some sales are being held with fair prices. The melon crop has been quite good. Eggs, 22c; poultry, 12c to 20c; cream, 36c to 45c.—Mrs. Bertha Bell Whitelaw.

**Lane**—Good rains continue and the ground is in fine condition for seeding. Little reduction in wheat acreage is noted. Several farm sales have been held during

starting to put in their wheat. However, this is too early to avoid the Hessian Fly. We received nearly 2 inches of rain a few nights ago. Corn is looking fine, but is late. It needs dry weather. Most of the farmers are well along with their work and there are no farm sales. Wheat, 60c; corn, 75c.—J. A. Kelley.

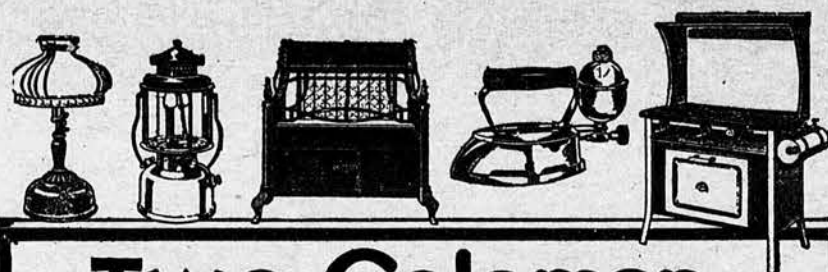
**Rush**—Scattered, local rains have helped some spring crops and brought up the volunteer wheat on plowed fields. A heavy hail storm did considerable damage to the grain sorghum in some parts of our county. Roughage for livestock promises to be very short. Wheat, 70c; eggs, 17c; butterfat, 34c.—Wm. Crotinger.

**Scott**—August closed by bringing us some rains which have put the ground in good condition for wheat. The extreme northern part of the county will have some corn. Wheat, 71c; barley, \$1.05 a cwt.; corn, 72c; cream, 41c; eggs, 15c.—Ernie Neuenschwander.

### Capper Cup to Welch

The silver cup offered by Senator Capper for the best 10 ears of corn shown at the Richmond Free Fair, held at Richmond, Franklin county, August 27 to 28, was won by C. W. Welch. Mr. Welch's exhibit of yellow corn took sweepstakes over all corn shown. According to Herman Lickpeid, superintendent of farm exhibits, the corn display this year was far ahead of all former records at the Richmond Free Fair.

This sweepstakes cup is to be presented by Senator Capper at a dinner given at Richmond September 18.



## Two Coleman MANTLES FREE



Just clip this ad and bring it to the Coleman booth at the fair (Liberal Arts Bldg., center aisle). You will be presented with two Genuine Coleman Mantles for your pressure gas lamp or lantern. No obligation on your part. Nothing to buy. Just a friendly, get-acquainted offer. The new Coleman Lamps, Lanterns, Irons, Stoves and Heaters will be among the many attractions at the

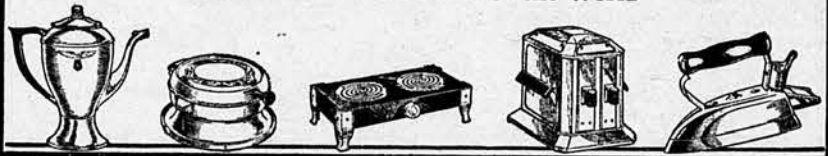
## KANSAS STATE FAIR Hutchinson - September 13-19

The New Coleman Electric Appliances will be there, too. You'll surely want to see them. Electric Irons, Toasters, Waffle Irons, Percolators and Hot Plates. New in design. Exquisite beauty! Made with the skill of 30 years' experience manufacturing household appliances. Tomorrow's achievement ready for you today.

### THE COLEMAN LAMP & STOVE COMPANY

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Distributors in All Parts of the World



## Have You Stopped to Think

that Kansas Farmer has gotten entirely away from the old style farm paper which contained little except theory? Maybe your neighbor doesn't know this. Show him a big interesting copy full of stories written by experienced farmers and ask him to subscribe.



Use the  
sprinkling can  
FREELY

**Destroys  
disease germs  
—keeps down  
foul odors**

**DR. HESS Dip and Disinfectant** quickly establishes health conditions and helps to prevent contagious diseases.

Dip, spray or sprinkle and give every animal a chance to be at its best and to do its best.

This standardized preparation has five times the strength of carbolic acid. Always uniform in strength. It makes the finest, milk-white emulsion of any dip you can buy at any price.

**Dr. Hess Dip and Disinfectant** kills hog lice, sheep ticks, scab.

Kills poultry lice and mites. Destroys disease germs and makes dairy barns sanitary and clean smelling.

**Dr. Hess Dip and Disinfectant** costs less than ordinary dips because it goes farther.

Excellent household disinfectant.

Guaranteed

**Dr. Hess & Clark, Inc.,**  
Ashland, Ohio

# DR. HESS DIP AND DISINFECTANT



## Here's Your Invitation

(Continued from Page 23)

4:30 p. m.—Matinee KSAC  
 5:30 p. m.—Uncle Dave's Children's Club  
 6:00 p. m.—Manhattan Moods (CBS)  
 6:30 p. m.—Daily Capital Radio Extra  
 6:40 p. m.—Pennant Cafeteria  
 7:00 p. m.—Something for Everyone  
 7:30 p. m.—The Sod Busters  
 8:00 p. m.—Voice of Columbia (CBS)  
 8:30 p. m.—Modocs  
 9:00 p. m.—Bert Lown and his Orchestra (CBS)  
 9:15 p. m.—Heywood Brown's Radio Column (CBS)  
 9:30 p. m.—California Melodies (CBS)  
 10:00 p. m.—Tomorrow's News  
 10:10 p. m.—Bert Lown and his Orchestra (CBS)  
 10:30 p. m.—Nocturne (CBS)

## THURSDAY, SEPTEMBER 11

5:30 a. m.—Alarm Clock Club  
 6:00 a. m.—Time, news, weather  
 6:05 a. m.—Shepherd of the Hills  
 6:20 a. m.—USDA Farm Notes  
 6:30 a. m.—Morning Devotionals  
 6:55 a. m.—Time, news, weather  
 7:00 a. m.—Something for Everyone (CBS)  
 7:30 a. m.—Morning Moods (CBS)  
 8:00 a. m.—Housewives' Musical KSAC  
 8:40 a. m.—Health Period KSAC  
 9:00 a. m.—Early Markets  
 9:05 a. m.—Sunshine Hour  
 10:00 a. m.—Housewives' Half Hour KSAC  
 10:30 a. m.—Bouquet of Melodies  
 11:00 a. m.—Women's Forum, Julia Klene  
 11:15 a. m.—Spick and Span Hour  
 11:45 a. m.—Complete Market Reports  
 12:00 m.—Columbia Farm Community Network (CBS)  
 12:25 p. m.—State Board of Agriculture  
 12:30 p. m.—Noonday Program KSAC  
 1:30 p. m.—For Your Information (CBS)  
 2:00 p. m.—Keokil Hawaiians  
 2:30 p. m.—U. S. Navy Band (CBS)  
 3:00 p. m.—Letter Box  
 3:15 p. m.—The Melody Master  
 3:45 p. m.—Dancing by the Sea (CBS)  
 4:00 p. m.—Lonely Troubadours  
 4:30 p. m.—Matinee KSAC  
 5:30 p. m.—Uncle Dave's Children's Club  
 6:00 p. m.—Symphonic Interlude (CBS)  
 6:15 p. m.—Melody Musketeers (CBS)  
 6:30 p. m.—Daily Capital Radio Extra  
 6:40 p. m.—Pennant Cafeteria  
 7:00 p. m.—Mardi Gras (CBS)  
 7:30 p. m.—Sod Busters  
 8:00 p. m.—Romany Patteran (CBS)  
 8:30 p. m.—National Forum (CBS)  
 9:00 p. m.—Rhythm Ramblers (CBS)  
 9:15 p. m.—Heywood Brown Radio Column (CBS)  
 9:30 p. m.—Guy Lombardo and his Royal Canadians (CBS)  
 10:00 p. m.—Tomorrow's News  
 10:10 p. m.—Paul Tremaine and his Orchestra (CBS)  
 10:30 p. m.—Nocturne (CBS)

## FRIDAY, SEPTEMBER 12

5:30 a. m.—Alarm Clock Club  
 6:00 a. m.—Time, news, weather  
 6:05 a. m.—Shepherd of the Hills  
 6:20 a. m.—USDA Farm Notes  
 6:30 a. m.—Morning Devotionals  
 6:55 a. m.—Time, news, weather  
 7:00 a. m.—Something for Everyone (CBS)  
 7:30 a. m.—Morning Moods (CBS)  
 8:00 a. m.—Housewives' Musical KSAC  
 8:40 a. m.—Health Period KSAC  
 9:00 a. m.—Early Markets  
 9:05 a. m.—Sunshine Hour  
 10:00 a. m.—Housewives' Half Hour KSAC  
 10:30 a. m.—Bouquet of Melodies  
 11:00 a. m.—Women's Forum, Zorada Titus; Aunt Lucy  
 11:15 a. m.—Keokil Hawaiians  
 11:45 a. m.—Complete Market Reports  
 12:00 m.—Columbia Farm Community Network (CBS)  
 12:25 p. m.—State Livestock Department  
 12:30 p. m.—Noonday Program KSAC  
 1:30 p. m.—For Your Information (CBS)  
 2:00 p. m.—Light Opera Gems (CBS)  
 2:30 p. m.—On Brunswick Platters  
 3:00 p. m.—The Letter Box  
 3:15 p. m.—The Melody Master  
 3:45 p. m.—Aunt Zelenia (CBS)  
 4:00 p. m.—Lonely Troubadours  
 4:30 p. m.—Matinee KSAC  
 5:30 p. m.—Uncle Dave's Children's Hour  
 6:00 p. m.—Nit Wit Hour (CBS)  
 6:30 p. m.—Daily Capital Radio Extra  
 6:40 p. m.—Pennant Cafeteria  
 7:00 p. m.—Something for Everyone  
 7:30 p. m.—Sod Busters  
 8:00 p. m.—State Farmers' Union  
 8:30 p. m.—Keokil Hawaiians  
 9:00 p. m.—Bert Lown and his Orchestra (CBS)  
 9:15 p. m.—Heywood Brown's Radio Column (CBS)  
 9:30 p. m.—Will Osborne and his Orchestra (CBS)  
 10:00 p. m.—Tomorrow's News  
 10:10 p. m.—Cotton Club Band (CBS)  
 10:30 p. m.—Nocturne (CBS)

## SATURDAY, SEPTEMBER 13

5:30 a. m.—Alarm Clock Club  
 6:00 a. m.—Time, news, weather  
 6:05 a. m.—Shepherd of the Hills  
 6:20 a. m.—USDA Farm Notes  
 6:30 a. m.—Morning Devotionals  
 6:55 a. m.—Time, news, weather  
 7:00 a. m.—Something for Everyone (CBS)  
 7:30 a. m.—Morning Moods (CBS)  
 8:00 a. m.—Housewives' Musical KSAC  
 8:40 a. m.—Health Period KSAC  
 9:00 a. m.—Early Markets  
 9:05 a. m.—Sunshine Hour

10:00 a. m.—Adventures of Helen and Mary (CBS)  
 10:30 a. m.—Bouquet of Melodies  
 11:00 a. m.—Women's Forum, Julia Klene  
 11:15 a. m.—Dance Orchestra (CBS)  
 11:45 a. m.—Complete Market Reports  
 12:00 m.—Columbia Farm Network (CBS)  
 12:25 p. m.—State Vocational Department  
 12:30 p. m.—Radio Fan Program KSAC  
 1:30 p. m.—For Your Information (CBS)  
 2:00 p. m.—Keokil Hawaiians  
 2:30 p. m.—Lonely Troubadours  
 3:00 p. m.—The Letter Box  
 3:15 p. m.—The Melody Master  
 3:45 p. m.—Dr. Thatcher Clark—French Lesson (CBS)  
 4:00 p. m.—Rhythm Ramblers (CBS)  
 4:15 p. m.—Ted Husing's Sportsants (CBS)  
 4:45 p. m.—Whoops Sisters (CBS)  
 5:00 p. m.—Crockett Mountaineers (CBS)  
 5:15 p. m.—Tom, Dick, and Harry (CBS)  
 5:30 p. m.—Uncle Dave's Children's Club  
 6:00 p. m.—Exploring the Jungle (CBS)  
 6:15 p. m.—Romance of American Industry (CBS)  
 6:30 p. m.—Daily Capital Radio Extra  
 6:40 p. m.—Pennant Cafeteria  
 7:00 p. m.—Hank Simmons' Showboat (CBS) Courtesy Nat'l Reserve Life Co.  
 8:00 p. m.—Chicago Variety Hour (CBS)  
 8:30 p. m.—Jesse Crawford—Poet of the Organ (CBS)  
 9:00 p. m.—Will Osborne and his Orchestra (CBS)  
 9:30 p. m.—Guy Lombardo and his Royal Canadians (CBS)  
 10:00 p. m.—Tomorrow's News  
 10:10 p. m.—Bert Lown and his Orchestra (CBS)  
 10:30 p. m.—Nocturne (CBS)

## Road Work Is Pushed

Plans to place an additional 2 million dollars of road construction work under contract this fall as a means looking toward relieving unemployment have been announced by Gov. Clyde M. Reed after a conference with members of the Kansas highway commission.

In order to speed the work, the governor said, the state will anticipate 1 million dollars revenues from its gasoline tax and motor vehicle registration fees. The other 1 million dollars will be from Federal Aid funds now available.

Details of the emergency construction work are to be worked out by the highway department at the earliest possible date.

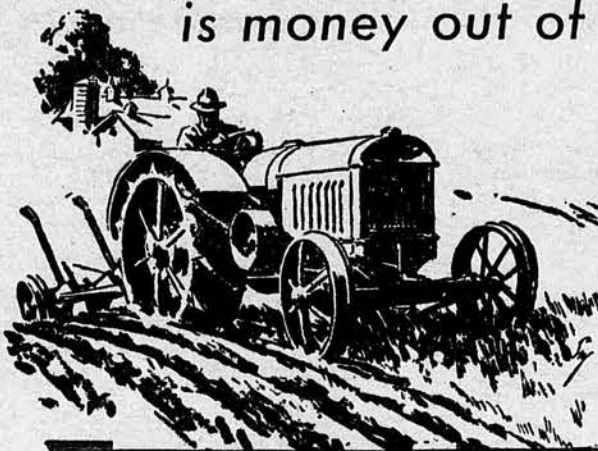
W. V. Buck, state highway engineer, said the emergency work would give employment to "several hundred" men during the fall and winter months when weather conditions would permit construction. He said the construction would be divided between grading, culvert and bridge work, sanding and graveling and some paving.

The neighborhood cynic says he wonders how fast Floyd Gibbons would talk if he were in a hurry.

## A Silage Warning

If farmers are to make the best of immature corn and sorghum crops by use of the silo this fall, they should be very careful regarding the condition of the crops at the time of ensiling. Prof. James W. Linn, K. S. A. C. extension dairyman, advises. Sorghums especially are likely to produce sour or acid silage, which is undesirable, unless allowed to mature as much as possible, he said. If the sorghums are not mature by frost, it will be best to allow the crop to freeze before ensiling.

"Corn that was put in the silo in July most certainly was cut too early regardless of whether it was badly burned," Linn declared. "In fact, there still is a question whether many fields of corn will be ready for the silo for some time yet. If there is a difference between this and normal years I would suggest leaving the corn a little later than usual, even to the extent that it might be necessary to add water in filling to insure the silage packing well."

TIME OUT FOR REPAIRS  
is money out of your pocket

PROTECT  
YOUR  
PROFITS  
with

## Cities Service Oils &amp; Gasolene

When repairs are necessary on your car or tractor, you pay more than the actual cost of the repairs. You pay for the valuable time lost while your machine is in the shop or standing idle waiting for a new part to arrive.

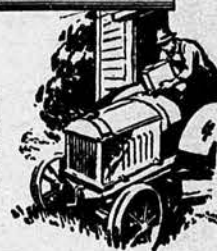
Important plowing or planting may be delayed—a necessary marketing trip to town may be held up—deliveries may be thrown off schedule.

You can avoid this annoyance and expense by using Cities Service Oils and Gasolene exclusively.

Cities Service Oil is tough, rich,

full-bodied—stands up under withering heat—keeps your machinery running smoothly, powerfully, economically.

Cities Service Gasolene is clean, powerful, alert—delivers full-time service and satisfaction—no matter how long or how hard its duty.



Protect your expensive machinery—protect your profits—by using Cities Service Oils and Gasolene in all your farm equipment.



## CITIES SERVICE COMPANY

60 Wall Street - New York City

## Used Machinery

Can be sold or traded by using classified advertising in KANSAS FARMER AND MAIL & BREEZE which is read in over 60% of the farm homes of Kansas.

What you don't need some other farmer does, and you may have just what the other fellow wants if he only knew where to get it. The cost is small and results big.



Save Time  
Save Labor  
Save Expense

When chickens perch upon roosts "painted" with "Black Leaf 40", fumes are slowly released which permeate the feathers, killing the lice. Further details sent on request. The \$1.25 package will "paint" 100 feet of roosts (sufficient for 150 to 200 birds). Individual handling of birds is no longer necessary.

Tobacco By-Products & Chemical Corp., Inc., Louisville, Ky.

FUMES  
Kill Lice  
Over-night.  
"Paint" the Roosts with  
Black Leaf 40



Only a small paint brush, "Black Leaf 40" and a few minutes' time for lightly "painting" top of roosts are required to delouse your entire flock. The laborious methods of dusting, dipping and greasing each bird are done away with.

## Ask Your Experiment Station

Experiment Stations recommend the "Black Leaf 40" poultry lice control. Poultrymen all over the country praise its simplicity and efficiency. If your feed, seed, drug, hardware or hatchery dealer cannot supply you, order direct, sending dealers name.

"Black Leaf 40"

KILLS LICE WHILE FLOCK ROOSTS





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**REMITTANCE MUST ACCOMPANY YOUR ORDER**

Buy thru our Farmers' Market and save money on your farm products purchases

## TABLE OF RATES

Words	One time	Four times	Words	One time	Four times
10.....	\$1.00	\$3.20	28.....	\$2.60	\$8.32
11.....	1.10	3.52	29.....	2.70	8.64
12.....	1.20	3.84	30.....	2.80	8.96
13.....	1.30	4.16	31.....	2.90	9.28
14.....	1.40	4.48	32.....	3.00	9.60
15.....	1.50	4.80	33.....	3.10	9.92
16.....	1.60	5.12	34.....	3.20	10.24
17.....	1.70	5.44	35.....	3.30	10.56
18.....	1.80	5.76	36.....	3.40	10.88
19.....	1.90	6.08	37.....	3.50	11.20
20.....	2.00	6.40	38.....	3.60	11.52
21.....	2.10	6.72	39.....	3.70	11.84
22.....	2.20	7.04	40.....	3.80	12.16
23.....	2.30	7.36	41.....	3.90	12.48
24.....	2.40	7.68	42.....	4.00	12.80
25.....	2.50	8.00	43.....	4.10	13.12

## RATES FOR DISPLAYED ADVERTISEMENTS ON THIS PAGE

Displayed ads may be used on this page under the poultry, baby chick, pet stock, and farm land classifications. The minimum space sold is 5 lines, maximum space sold, 2 columns by 150 lines. See rates below.

Inches	Rate	Inches	Rate
1.....	\$4.90	3.....	\$14.70
1 1/2.....	7.35	4.....	19.60
2.....	9.80	5.....	24.50

## RELIABLE ADVERTISING

We believe that all classified livestock and real estate advertisements in this paper are reliable and we exercise the utmost care in accepting this class of advertising. However, practically everything advertised has no fixed market value and opinions as to worth vary, we cannot guarantee satisfaction. We cannot be responsible for mere differences of opinion as to quality of stock which may occasionally arise. In cases of honest dispute we will endeavor to bring about a satisfactory adjustment between buyer and seller but our responsibility ends with such action.

## POULTRY

Poultry Advertisers: Be sure to state on your order the heading under which you want your advertisement run. We cannot be responsible for correct classification of ads containing more than one product unless the classification is stated on order.

### ANCONAS

1,000 CHOICE ANCONA PULLETS AND cockerels. Priced for quick sale. Baker's Ancona Farm, Downs, Kan.

### BABY CHICKS

CHICKS 5¢ UP—BIG, HEALTHY, QUICK maturing money makers. Pure bred. Two weeks guarantee to live. Leading varieties. Free catalog. Booth Farms, Box 565-A, Clinton, Mo.

### BRAHMAS

LIGHT BRAHMAS, COCKERELS AND PULLETS, \$2.00 and up. Trio \$10.00. Dr. I. M. Peed, Canton, Kan.

### JERSEY BLACK GIANTS

PURE BRED PULLETS: COCKERELS—NO culls. The Thomas Farms, Pleasanton, Kan.

### LEGHORNS—WHITE

MASTER BRED ENGLISH BARRON COCKERELS 250 to 300 egg parentage, \$1.00 each on approval. Anasdale Farms, Frankfort, Kan.

### MINORCAS BUFF

PURE BRED PULLETS: COCKERELS NO culls. The Thomas Farms, Pleasanton, Kan.

### WYANDOTTES—SILVER LACED

SILVER-LACED WYANDOTTE COCKERELS from a Kansas Accredited flock for sale at \$3.00 each. E. F. Jewett, 1211 Loula St., Olathe, Kan.

### POULTRY PRODUCTS WANTED

LEGHORN BROILERS WANTED LARGE quantities seasons contract. "The Copea," Topeka.

## MISCELLANEOUS

### MACHINERY—FOR SALE OR TRADE

GOVERNORS FOR AUTO ENGINES \$6.50. Fordsons \$8.50 prepaid. Satisfaction guaranteed. Wm. Alber, Beatrice, Nebr.

NOTICE—FOR TRACTORS AND REPAIRS. Farmalls, Separators, steam engines, gas engines, saw mills, boilers, tanks, well drills, plows, Hammer and Burr mills. Write for list. Hey Machinery Co., Baldwin, Kan.

USED TRACTORS FOR SALE: JOHN DEERE 15-27 like new \$850; 10-20 McCormick-Deering extra good \$475; brand new Wallis \$950; 6 Fordsons \$50 to \$175; 20-40 Rumely \$200. Used machinery of all kinds and used cars. Tatge Bros., Ramona, Kan.

### CORN HARVESTER

RICH MAN'S CORN HARVESTER. POOR man's price—only \$25 with bundle tying attachment. Free catalog showing pictures of harvester. Process Co., Salina, Kan.

## SEEDS, PLANTS AND NURSERY STOCK

FOR SALE—PURE GRIMM ALFALFA SEED. George Schulz, Lily, Colorado.

PEONIES AND IRIS: SEND FOR CATALOG and prices. Clark's Nursery, Chariton, Iowa. "KUDZU" THE WONDERPLANT. GET FULL information for 2 cent stamp. Kudzu, Eureka, Ill.

PURE, CERTIFIED, RECLEANED AND graded Kanred seed wheat. Fort Hays Experiment Station, Hays, Kan.

CERTIFIED PURE HARVEST QUEEN SEED wheat, no smut, no weeds, yield 47 bushels. Best for combine. Laptad Stock Farm, Lawrence, Kansas.

HARDY ALFALFA SEED 90% PURE \$7.90. Sweet clover 95% pure \$3.50. Both 60 lb. bushel. Return seed if not satisfied. Geo. Bowman, Concordia, Kan.

ALFALFA AND SWEET CLOVER. FIRST cleaning, highly fertile, dependable seed. Write for samples and prices. J. Jacobson, Formoso, Jewell Co., Kan.

ALFALFA \$8.50; WHITE SWEET CLOVER \$3.50; Timothy \$3.50. All per bushel. Bags and samples free. Standard Seed Co., 19 East Fifth St., Kansas City, Mo.

PAWNEE CHIEF KANSAS COMMON ALFALFA Seed, Certified and Approved. Pawnee County Pure Seed Growers' Association. C. H. Stinson, County Agent, Larned, Kan.

FOR SALE—PURE TURKEY RED SEED wheat, 25 per bushel. Raised from seed imported from Russia three years ago. Write or phone A. S. Ardrey, Copeland, Kan.

## DOGS

COLLIE PUPS, SABLES, ELIGIBLE TO REGISTER. U. A. Gore, Seward, Kan.

WANTED—WHITE SPITZ PUPPIES; FOX Terriers. Sunnyside Kennel, Onaga, Kan.

FOXHOUNDS, COONHOUNDS, RABBIT-HOUNDS, Bluebirds, Redbones, Blacktans. Supply catalogue. Kaskaskia, E-84, Herrick, Ill.

HUNTING HOUNDS FIFTEEN DOLLARS UP. Trial. Catalog free. Dixie Kennels, Inc., A20, Herrick, Ill.

RAT TERRIER PUPS, BRED FOR RAT-TERS, satisfaction guaranteed. Crusaders Kennels, Stafford, Kan.

BEAUTIFUL FOX TERRIER PUPPIES, ANcestors exceptional ratlers \$5 each. Frisco Hansen, Hillsboro, Kan.

COONHOUNDS, COMBINATION FUR HUNTERS, still trailers; Foxhounds, Beagles, Dog Supplies, Free Catalog. Riverview Kennels, Ramsey, Ill.

SILVER GRAY POLICE PUPS NATURAL wolf tails, thrifty, best of breeding, \$10 each. Pedigrees furnished. Frisco Hansen, Hillsboro, Kan.

## WINDMILLS AND FEED GRINDERS

WINDMILLS—CURRIE SELF-OILING OR open-gear. Steel towers, all sizes. Thirty days free trial. Low priced. Write for circular. 50 years experience. Currie Windmill Co., 614 East 7th, Topeka, Kan.

## LUMBER

LUMBER—CAR LOTS, WHOLESALE PRICES, direct mill to consumer. Prompt shipment, honest grades and square deal. McKee-Fleming Lbr. & M. Co., Emporia, Kan.

WILL SELL GOOD OAK LUMBER, \$20 THOUSAND or trade for thin stock cattle; excellent lumber for wheat bins, sheds, barns, etc. Stephens & Dresia, Columbus, Kan.

## BUILDING MATERIAL

SAVE ON YOUR BUILDING COSTS—BUY Lumber: Shingles, Millwork at wholesale. Send your lists for price delivered your station. Pierce Lumber Company, Box 938-K, Tacoma, Wash.

## PLAYGROUND EQUIPMENT

SCHOOL OFFICIALS WRITE FOR CATALOG describing the Karymor Merry-Go-Round, steel slides, etc., for playgrounds. Lamar Manufacturing Co., 901-Erie, Pueblo, Colo.

## RABBITS

MAKE BIG PROFITS WITH CHINCHILLA Rabbits. Real money makers. Write for facts. 885 Conrad's Ranch, Denver, Colo.

MONEY IN YOUR SPARE TIME AND A BIG paying business of your own quickly, raising rabbits. The fastest growing industry in America. Stock supplied; terms to suit. Write today. No obligations. Wheat Belt Fur Farm, Dept. A, Plains, Kan.

## HONEY

EXTRACT HONEY 60 LBS. \$5.25; 120, \$10.00. T. C. Veirs, Olathe, Colo.

EXTRACTED HONEY, 60 LB. CAN, \$5; 2 cans \$9.00; sample, 15c. C. Martineit, Delta, Colo.

## TOURISTS COTTAGES

FAIR VISITORS STOP AT NU-L TOUR-ist camp. Bus service. Natural gas. Shade. Write for reservations. 2000 East Tenth Topeka, Kan.

## EDUCATIONAL

WANTED IMMEDIATELY, ELIGIBLE MEN—women, 18-50, qualify for Government Positions, \$125-\$250 month. Steady employment; paid vacations. Thousands needed yearly. Common education. Write, Instruction Bureau, 365, St. Louis, Missouri, quickly.

## KODAK FINISHING

TRIAL ROLL DEVELOPED, SIX BEAUTIFUL Glossstone prints 25c. Day-Night Studio, Sedalia, Missouri.

FILM DEVELOPED, SIX PHOTO-ART prints and Kodakery Magazine 25c. Photo-Art Finishers, Hutchinson, Kan.

GLOSS PRINTS TRIAL FIRST ROLL DEVELOPED printed 10c lightning service. F. R. B. Photo Co. Dept. J, 1503 Lincoln Ave., Cincinnati, Ohio.

SEND ROLL AND 25c FOR 6 DE LUXE LIFE-time prints and free enlargement offer. Old reliable. National Photo Co., 205E Westport, Kansas City, Mo.

FIRST FILM DEVELOPED, SIX PRINTS, 25c silver. Enlargement free. Three prizes monthly for three best prints. Superior Photo Service, Dept. P, Waterloo, Iowa.

## PATENTS—INVENTIONS

PATENTS, BOOKLET AND ADVICE FREE. Watson E. Coleman, Patent Lawyer, 724 9th St., Washington, D. C.

PATENTS—TIME COUNTS IN APPLYING for patents. Send sketch or model for instructions or write for free book. "How to Obtain a Patent" and "Record of Invention" form. No charge for information on how to proceed. Clarence A. O'Brien, Registered Patent Attorney, 150-A Security Savings and Commercial Bank Building, Washington, D. C.

## MALE HELP WANTED

FARM SALESMEN—SELL KARYMOR PLAY-ground Equipment to Schools. Write today. Lamar Manufacturing Co., Pueblo, Colo.

DEALERS SELL REPLACEMENT FARM Lighting Storage Batteries. Write for particulars. Western Cable & Light Company, Baldwin, Wisconsin.

## AGENTS—SALESMEN WANTED

MEN WANTED TO SELL SHRUBS, TREES. Roses. Supplies free. Write for proposition. Ottawa Star Nurseries, Ottawa, Kan.

WANTED—MAN WHO KNOWS FARM LIFE to travel in country. Steady work. Good profits. McConnon & Company, Room A-4309, Winona, Minn.

## PERSONAL

WILL ALVIN FLETCHER, FORMERLY OF Massachusetts, supposed to have moved to Lincoln, Kansas, and last heard from in 1880 (or his children) reply at once to this advertisement, to his own advantage. A. Z. Goodfellow, Public Administrator, 748 Main Street, Fitchburg, Massachusetts.

## MISCELLANEOUS

OLD AGE PENSION INFORMATION. WRITE J. S. Lehman, Humboldt, Kan.

ATTENTION FARMER: CALL AND SEE MY large stock of saddles and other horse furnishings. Theo. Schaubel, Manhattan, Kan.

EXTRA—LADIES RAYON HOSE, \$1.75 FOR twelve pair, postpaid, slightly irregular, assorted colors, men socks also. Send for bargain list. Lewis Sales Company, Asheboro, N. C.

## LIVESTOCK

### SHEEP AND GOATS

YEARLING REGISTERED SHROPSHIRE Rams. Adam Andrew, Girard, Kan.

FOR SALE—REGISTERED YEARLING and lamb. Shropshire Rams and Ewes. W. T. Hammond, Portis, Kan.

### HOGS

O. I. C. AND CHESTER WHITE PEDIGreed pigs \$24 per pair, no kin. Write for circulars. Raymond Ruebush, Sciota, Ill.

## LAND

### KANSAS

LAND ON CROP-PAY, \$3.00 A. DOWN, E. E. Nelson, Garden City, Kan.

FOR HOMES NEAR CATHOLIC SCHOOLS write T. J. Ryan, St. Marys, Kan.

300 ACRES, CLOSE IN, BEST CORN AND alfalfa land, highly improved \$80. T. B. Godsey, Emporia, Kan.

FREE INFORMATION—IF YOUR FARM IS for sale, let me tell you how to sell it. Hahn, Kansas Farmer, Topeka, Kan.

CHOICE WHEAT AND CORN LAND FOR sale; one crop will pay for land. A golden opportunity for you. Phone 188, A. C. Bailey, Syracuse, Kan.

A WELL IMPROVED 160 ACRES IN BROWN county, Kansas—where it rains. Price right, and will carry back half at 5%. F. B. Parker, Robinson, Kan.

FARM FOR SALE: A GOOD IMPROVED half section farm land in Stevens Co., Kan. South of Hugoton leased and in gas belt. Price \$9,000, incumbrance \$3,200. Fred Speakman, Tyrone, Okla.

### MISSOURI

LAND SALE, \$5 DOWN, \$5 MONTHLY, BUYS 40 acres, Southern Missouri. Price \$200. Send for list. Box 22-A, Kirkwood, Mo.

## COLORADO

SEND FOR LIST FORECLOSED RANCHES. \$2.00 acre. Ben Brown, Florence, Colo.

EASTERN COLORADO WHEAT-CORN LAND. Easy terms—crop payments. Write E. Mitchem, Cheyenne Wells, Colo.

IRRIGATED CROPS ARE BEST. BEST yields. Best quality best prices. best profits. Ask Will Keen, Realtor, Pueblo, Colo.

320 ACRES, WELL IMPROVED; ALL CULTIVATED but 60 acres; Lease on School Section included. Price of \$22.00 per acre, terms. Write Rose & Wall, Stratton, Colo.

## OKLAHOMA

WRITE AMERICAN INVESTMENT COMPANY, Oklahoma City, for booklet describing farms and ranches, with prospective oil values. Selling on small cash payment. Tenants wanted.

## MISCELLANEOUS LAND

OWN A FARM IN MINNESOTA, DAKOTA, Montana, Idaho, Washington or Oregon. Crop payment or easy terms. Free literature; mention state. H. W. Eyerly, 81 Northern Pacific Railway, St. Paul, Minn.

LAND OPENINGS A LONG THE GREAT Northern Railway. Fertile, productive improved farms, new land or good cutover land. Opportunities in many kinds of farming; grain, livestock, dairying, fruit, poultry, small tracts or general farms in Minnesota, North Dakota, Montana, Idaho, Washington, and Oregon. Renters and owners get benefit of low prices, low interest, low taxes. We have free books on each state can give accurate detailed information and help to find kind of location desired. Write E. C. Leedy, Dept. 400, Great Northern Railway, St. Paul, Minnesota. Low Homeseekers Rates.

## REAL ESTATE WANTED

ATTENTION FARMERS! WANTED LARGE blocks leases, and half royalty; structure; Kansas, gas royalties wanted. Box 423, Tulsa, Okla.

## REAL ESTATE SERVICES

WANTED—FARMS FROM OWNERS. SEND cash price with description. Emory Gross, North Topeka, Kan.

IF YOU WANT TO SELL YOUR FARM, write me and I'll give you free information. Hahn, Kansas Farmer, Topeka, Kan.

SELL YOUR PROPERTY QUICKLY FOR cash, no matter where located; particulars free. Real Estate Salesmen Co., Dept. 519 Lincoln, Neb.

SELL YOUR PROPERTY, FARM, BUSINESS, or city; no difference where located; what have you? Owner only. Particulars free; quick action. 804 Ford Building, Detroit.

SELL YOUR PROPERTY FOR CASH. NO matter where located. Information free. Established 26 years. Beck's Realty Co., Dept. B-40, Chippewa Falls, Wis.

WANTED TO HEAR FROM OWNER HAVING farm in Kansas for sale, suitable for general farming and dairying. Write full description and lowest price. John D. Baker, First National Bank Building, Dallas, Tex.

## Protective Service

(Continued from Page 22)

was supposed to get one of Engle's friends in another town out of dire trouble. Harris obtained Engle's money, made his escape, and later it was learned that the friend knew nothing at all about the trouble. Engle describes Harris—who, by the way, sometimes goes by the name of Davis—as being about 35 years old, 5 feet, 6 inches tall, weighs about 150 pounds, and has slightly decayed upper front teeth. He is said to talk very convincingly. Be on the lookout for him, and report him if he tries his deception on you.

## This Will Help Trees

BY R. J. BARNETT

The soil in which young fruit trees are growing should be dried-out during September, to give the wood of the trees an opportunity to ripen thoroly for the winter. It may be accomplished by ceasing cultivation and by planting a cover crop of winter vetch or rye that will compete with the trees for soil moisture. Well-ripened plant tissue resists winter injury much better than immature tissue.



**SHORTHORN CATTLE**

**Secure Maximum Profits**

**Shorthorns—The Farmer's Best Breed**

"No breed of cattle will go into the feed lot for ten months and carry out more beef on four legs than the Shorthorn," said Henry Hortensline, feeder and exhibitor of International Champions. Shorthorns excel in returning profit—both at the pail and on the meat block. 3,979 Shorthorn cows of all ages average 8,476.5 pounds of milk. Ten top records average 19,338.7 pounds milk. Shorthorn calves make cheapest gains that return largest profits. Learn more of this great breed. Write for free literature to

American Shorthorn Breeders' Assn.,  
13 Dexter Park Avenue,  
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**POLLED SHORTHORN CATTLE**

**Special Polled Shorthorns**

Established 1907

Prices for August and September. Royal Clipper 2nd. 1st state fair 1927, heads our herd. 20 bulls, \$60 to \$175. Reds, whites, roans. Cows, heifers, calves. High quality. \$60 to \$200. Come or phone 1602 our expense.  
J. C. Banbury & Sons, Pratt, Kan.



**RED POLLED CATTLE**

**Reg. Red Polled Bulls**

Out of high producing dams and priced for quick sale. Write for descriptions and prices.  
G. W. LOCKE, DE GRAFF, KANSAS

**AYRSHIRE CATTLE**

**Penherst Keystone Mischief**

Five nearest dams averaged 18,125 pounds of milk. 244 pounds of butter fat. Bull calves for sale out of cows with good C. T. A. records. Come and see our herd. G. J. BAHNMAIER, Leocompton, Kansas

**Entire Ayrshire Herd**

for sale. All Willowmoor and Penhurst breeding. Write for prices and pedigrees.  
R. C. CHARLES, STAFFORD, KAN.

**GUERNSEY CATTLE**

**Riverside Guernsey Farm**

offers the following high class registered Guernseys for sale: one cow, to freshen in Aug.; two eighteen month old heifers, one four month old heifer calf, bull calves. Federal Accredited, blood tested. May Rose breeding. J. F. COOPER, Stockton, Kan.

**JERSEY CATTLE**

**Weaned Calves \$17.50**

Jersey, Guernsey, Holstein or beef breeds, males or heifers shipped C. O. D.; baby calves \$10.

STONE BROOK FARM  
Route No. 1, Hickman Mills, Mo.

**Closing Out Reg. Jerseys**

Four choice yearling bulls, \$40 to \$60, sired by Fair Raleigh's Eminent Jap. 267828 10 good cows, six nice yearling heifers.

SAM SMITH, CLAY CENTER, KANSAS

**HOLSTEIN CATTLE**

**Shunga Valley Holsteins**

We are offering a few choice two year old heifers, freshening this fall. Also some nice young bulls ready for light service. Will be showing at Topeka fair next week. See us. Farm near fair grounds. Call Rural and ask for 265 N 3 any evening.  
IRA ROMIG & SONS, TOPEKA, KAN.

**WISCONSIN HOLSTEIN HEIFERS**

Springers and open. Excellent quality. Fully acclimated. Inspection invited.  
CARL PFUETZE, Manhattan, Kansas, Rt. 4

**DUROC JERSEY HOGS**

**Choice Sows, Gilts Bred**

to King Index and Fancy Wildfire for Sept. and Oct. farrow. Choice fall and spring boars, immuned. Write for prices, description, etc. G. M. Shepherd, Lyons, Ks.

**DUROC SPRING BOARS**

and gilts. Good individuals, pairs not related. Immuned. Guaranteed and priced right.  
WM. BOHLEN, DOWNS, KANSAS

**Grand Champion Bred Boars**

Heavy boned, big, rugged, handsome cherry red, easy feeding type. Vaccinated. Shipped on approval.  
W. R. HUSTON, AMERICUS, KANSAS

**POLAND CHINA HOGS**

**Come Now If You Want Them**

Very choice yearling gilts bred to farrow in Sept. and Oct. Extra nice. Also spring boars. Prices right. John D. Henry, Leocompton, Kan.

**HAMPSHIRE HOGS**

**Reg. Hampshire Hogs**

Spring boars and gilts for sale of A1 quality and type.  
J. H. GLOTFELTER, Emporia, Kan., Route 1

**Vermillion Hampshires**

Bred gilts for September farrow, sired by Riverside Booster. They are mated to Vermillion Masterpiece and Vermillion Hawkeye. Spring boars for sale. Raymond Wegner, Onaga, Kan.

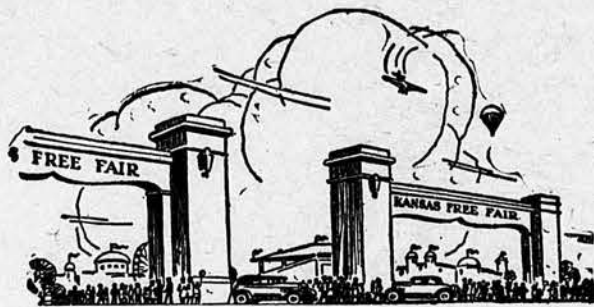
**SHEEP AND GOATS**

**Shropshire Rams For Sale**

Offering yearlings and lambs of the low down, blocky kind with good fleeces. Sired by rams from Donald Queen.  
D. V. SPOHN, SUPERIOR, NEB.

**Feed—Any Kind**

Car lots, Barley, Corn, Rye, Oats. Delivered in any town in Kansas, Oklahoma or Missouri. Wire collect for prices.  
E. L. RICKEL, GRAIN, SALINA, KANSAS



**SEPT. 8 to 13**

**KANSAS FREE FAIR  
TOPEKA**

**A. P. BURDICK, Secretary**

The 1930 Kansas Free Fair promises the greatest exposition in the sixteen years of Free Fair History. Plan to spend the entire week—join the huge throngs in Topeka

**An Exposition in Keeping With  
Kansas Greatness**

The Finest Stock in the World on Exhibition—Horses, Cattle, Sheep, Swine, Fish, Fowl, Farm Machinery and Equipment—Contests of All Descriptions—Beef and Dairy Congress

**Bands — Carnivals — Circus  
"THE AWAKENING"**

Every night, except Monday, Thearle-Duffield will stage this mammoth historical spectacle in front of the grandstand. The spectacle comes here direct from the Minnesota State Fair.

More than 100 people take part in the production.

Ringling Bros. - Barnum & Bailey Combined Shows  
September 8th

Harness Racing, Tuesday, Wednesday and Thursday  
Night Horse Racing, Saturday Night  
Auto Races, Friday and Saturday

Big Fireworks Display Every Night Except Monday

**16th ANNUAL  
KANSAS FREE FAIR  
TOPEKA**



EVERY CAN  
of Hills Bros Coffee  
*is as rich in aroma and flavor as  
when it came from the roaster*



*You broil the steak evenly by letting it cook on each side a little at a time. Hills Bros. roast their coffee evenly by roasting only a few pounds at a time.*

THE WAY Hills Bros. Coffee is roasted—the way it is packed—brings a distinctive wealth of flavor and goodness to every cup you make.

Only a few pounds at a time are roasted by Hills Bros.' patented, continuous process—Controlled Roasting. No bulk-roasting method can roast every berry so evenly as this process. Naturally, no

other coffee can have the same delicious flavor that Hills Bros. Coffee has.

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Ask for Hills Bros. Coffee by name and look for the Arab on the can. Sold by grocers everywhere.

HILLS BROS. COFFEE, INC., 2525 Southwest Boulevard, Kansas City, Mo.