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# The FARMERS MAIL

## AND BREEZE

Vol. 46

April 15, 1916

No. 16



*copy*



# PAIGE

*The Standard of Value and Quality*

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Few of us have the need or desire for a racing car.

We are quite content to let the "other fellow" take his chances at 70 miles an hour—while we spin along comfortably and safely with the speedometer needle registering 25 or 30.

But every man wants Power in his automobile—and particularly the farmer.

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It is good to realize that you command a vast store of reserve power which will easily take you through the heaviest sand roads "on high."

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Both of these cars are thoroughbreds—every inch of them.

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Neither of the Paige models are "experiments". They have both been put to the gruelling test of more than a full year's road work by thousands of owners.

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Then, you will know whether Paige cars are, in actual fact, "the standard of value and quality".

Do this—while the Dealer can still make immediate deliveries.

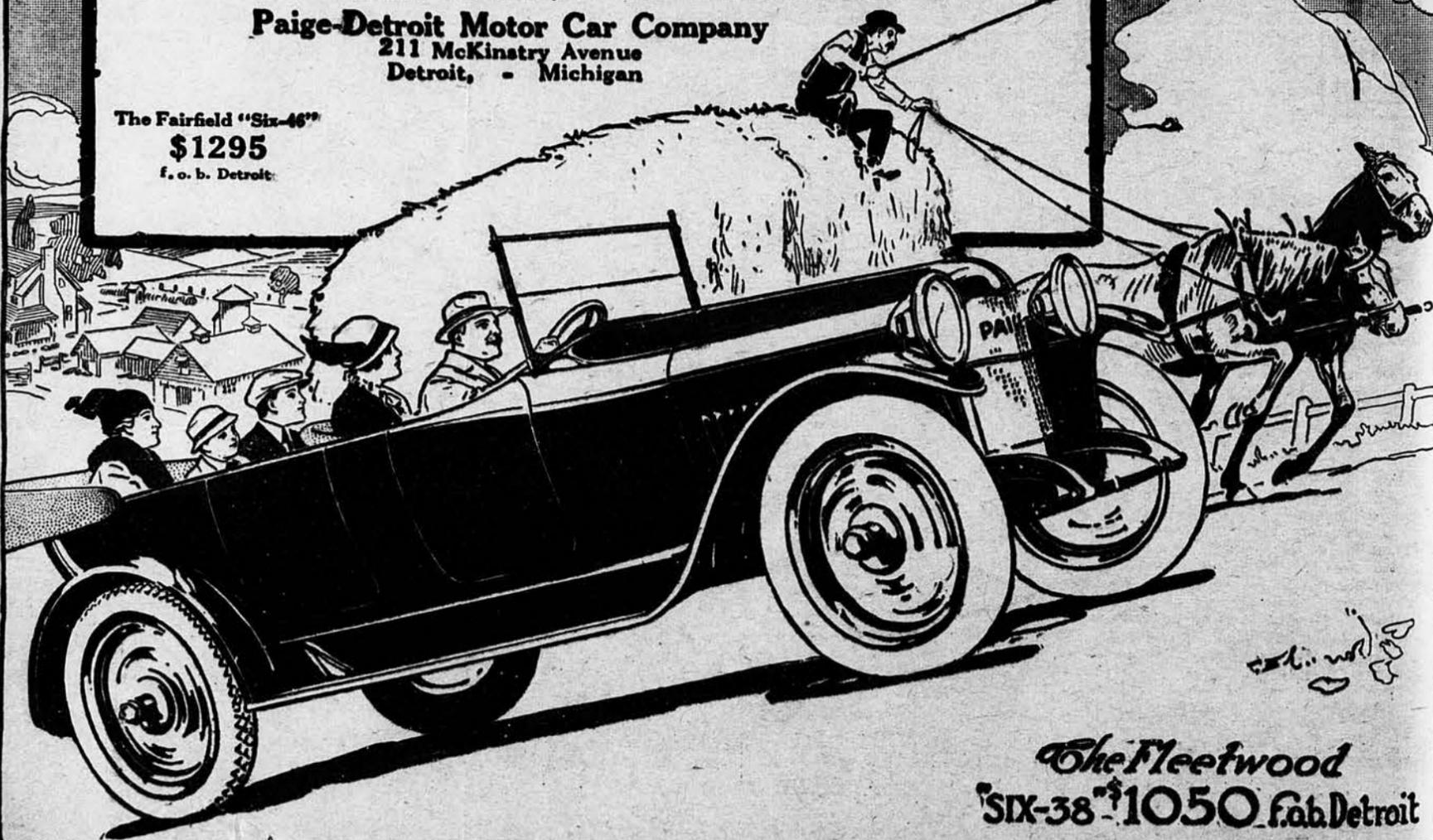
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# THE FARMERS MAIL AND BREEZE

An Agricultural and Family Journal for the People of the Great West



Volume 48  
Number 18

TOPEKA, KANSAS, APRIL 15, 1916

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"Seven Dollars a Barrel."

(Copyright, 1910, 1911, by Harper & Bros.)



HE HONORABLE Socrates Potter was the only "scientific man" in the village of Pointview, Connecticut. In every point of manhood he was far ahead of his neighbors. In a way he had outstripped himself, for, while his ideas were highly modern, he clung to the dress and manners that prevailed in his youth.

He wore broadcloth every day, and a choker, and chewed tobacco, and never permitted his work to interfere with the even tenor of his conversation. He loved the old times and fashions, and had a drawing tongue and often spoke in the dialect of his fathers, loving the sound of it. His satirical mood was sure to be flavored with clipped words and changed tenses. The stranger often took him for a "hayseed," but on further acquaintance opened his mouth in astonishment, for Soc. Potter, as many called him, was a man of insight and learning and of a quality of wit herein revealed. He used to call himself "an attorney and peacemaker," but he was more than that. He was the attorney and friend of all his clients, and the philosopher of his community. If one man threatened another with the law in that neighborhood, he was apt to do it in these terms, "We'll see what Soc. Potter has to say about that."

"All right! We'll see," the other would answer, and both would be sure to show up at the lawyer's office. Then, probably, Socrates would try his famous lock-and-key expedient. He would sit them down together, lock the door, and say, "Now, boys, I don't believe in getting twelve men for a job that two can do better," and generally he would make them agree.

He had an office over the store of Samuel Henshaw, and made a specialty of deeds, titles, epigrams and witticisms.

He was a bachelor who called now and then at the home of Miss Betsey Smead, a wealthy spinster of Pointview, but nothing had ever come of it.

He sat with his feet on his desk and his mind on the subject of extravagance. When he was doing business he sat like

they rigged her up splendid, an' away she went. From that day she set the pace for this community. Dan had to keep up with Lizzie, and so his father, Bill Pettigrew, sent him to Harvard. Other girls started in the race, an' the first we knew there was a big field in this maiden handicap.

"Well, Sam had been aspirin' for about three months, when he began to perspire. The extras up at Hardcastle had exceeded his expectations. He was goin' a hot pace to keep up with Lizzie, an' it looked as if his morals was meltin' away.

"I was in the Northern part o' the county one day, an' saw some wonderful, big, red, tasty apples.

"What ye doin' with yer apples?" says I to the grower.

"I've sent the most of 'em to Samuel Henshaw, o' Pointview, an' he's sold 'em on commission," says he.

"What do ye get for 'em?" I asked.

## KEEPING UP WITH LIZZIE

By IRVING BACHELLER

other men, but when his thought assumed a degree of elevation his feet rose with it. He began his story by explaining that it was all true but the names.

"This is the balloon age," said he, with a merry twinkle in his gray eyes. "The inventor has led us into the skies. The odor of gasoline is in the path of the eagle. Our thoughts are between earth and heaven; our prices have followed our aspirations in the upward flight. Now here is Sam Henshaw. Sam? Why, he's a merchant prince o' Pointview—grocery business—had a girl—name o' Lizzie—smart and as purty as a wax doll. Dan Pettigrew, the noblest flower o' the young manhood o' Pointview, fell in love with her. No wonder. We were all fond o' Lizzie. They were a han'some couple, an' together about half the time.

"Well, Sam began to aspire, an' nothing would do for Lizzie but the Smythe school at Hardcastle at seven hundred dollars a year. So

"Two dollars an' ten cents a barrel," says he.

"The next time I went into Sam's store there were the same red apples that came out o' that orchard in the Northern part o' the county.

"How much are these apples?" I says.

"Seven dollars a barrel," says Sam.

"How is it that you get seven dollars a barrel an' only return two dollars an' ten cents to the grower?" I says.

"Sam stammered an' changed color. I'd been his lawyer for years, an' I always talked plain to Sam.

"Wal, the fact is," says he, with a laugh an' a wink, 'I sold these apples to my clerk.'

"Sam, ye're wastin' yer talents," I says. 'Go into the railroad business.'

"Sam was kind o' shamefaced.

"It costs so much to live I have to make a decent profit somewhere," says he. 'If you had a daughter to educate, you'd know the reason.'

"I bought a bill o' goods, an' noticed that ham an' butter were up two cents a pound, an' flour four cents a sack, an' other things in proportion. I didn't say a word, but I see that Sam proposed to tax the community for the education o' that Lizzie girl. Folks began to complain, but the tax on each wasn't heavy, an' a good many people owed Sam an' wasn't in shape to quit him. Then Sam had the best store in the village, an' everybody was kind o' proud of it. So we stood this assessment o' Sam's, an' by a general tax paid for the education o' Lizzie. She made friends, an' sailed around in automobiles, an' spent a part o' the Christmas holidays with the daughter o' Beverly Gottrich on Fifth Avenue, an' young Beverly Gottrich brought her home in his big red runabout. Oh, that was a great day in Pointview!—that red-runabout day of our history when the pitcher was broken at the fountain and they that looked out of the windows trembled.

"Dan Pettigrew was home from Harvard for the holidays, an' he an' Lizzie met at a church party. They held their heads very high, an' seemed to despise each other an' everybody else. Word went around that it was all off between 'em. It seems that they had riz—not risen, but riz—far above each other.

"Now it often happens that when

the young ascend the tower o' their aspirations an' look down upon the earth its average inhabitant seems no larger to them than a red ant. Sometimes there's nobody in sight—that is, no real body—nothin' but clouds an' rainbows an' kings an' queens an' their families. Now Lizzie an' Dan were both up in their towers an' lookin' down, an' that was probably the reason they didn't see each other.

"Right away a war began between the rival houses o' Henshaw an' Pettigrew. The first we knew Sam was buildin' a new house with a tower on it—by jingo!—an' hardwood finish inside an' half an acre in the dooryard. The tower was for Lizzie. It signaled her rise in the community. It put her one flight above anybody in Pointview.

"As the house rose, up went Sam's prices again. I went over to the store an' bought a week's provisions, an' when I got the bill I see that he'd taxed me twenty-nine cents for his improvements.

"I met one o' my friends, an' I says to him, 'Wal, I says, 'Sam is goin' to make us pay for his new house an' lot. Sam's ham an' flour have jumped again. As an assessor Sam is likely to make his mark.'

"Wal, what do ye expect?' says he. 'Lizzie is in high society, an' he's got to keep up with her. Lizzie must have a home proper to one o' her station. Don't be hard on Sam.'

"I ain't," I says. 'But Sam's house ought to be proper to his station instead o' hers.'

"I had just sat down in my office when Bill Pettigrew came in—Sam's great rival in the grocery an' aspiration business. He'd bought a new automobile, an' wanted me to draw a mortgage on his house an' lot for two thousand dollars.

"You'd better go slow," I says. 'It looks like bad business to mortgage your home for an automobile.'

"It's for the benefit o' my customers," says he.

"Something purty for 'em to look at?" I asked.

"It will quicken deliveries," says he.

"You can't afford it," I says.

"Yes, I can," says he. 'I've put up prices twenty per cent, an' it ain't agoin' to bother me to pay for it.'

"Oh, then your customers are goin' to pay for it!" I says, 'an' you're only a guarantor.'

"I wouldn't put it that way," says he. 'It costs more to live these days. Everything is goin' up.'

"Includin' taxes," I says to Bill, an' went to work an' drew his mortgage for him, an' he got his automobile.

"I'd intended to take my trade to his store, but when I saw that he planned to tax the community for his luxuries I changed my mind and went over to Eph Hill's. He kept the only other decent grocery store in the village. His prices were just about on a level with the others.

"How do you explain it that prices have gone up so?" I asked.

"Why, they say it's due to an overproduction o' gold," says he.

"Looks to me like an overproduction of argument," I says. 'The old Earth keeps shellin' out more gold ev'ry year, an' the more she takes out o' her pockets the more I have to take out o' mine.'

"Wal, o' course I had to keep in line, so I put up the prices o' my work a little to be in fashion. Everybody kicked good an' plenty, an' nobody



With His Mind on the Subject of Extravagance.

(Continued on Page 26.)



further friendly dealings with you." Perhaps all commerce of every kind with Germany would be stopped. Germany might decide to declare war on us in which event there would be no longer any pretense of refraining from sinking passenger ships on which there might be American passengers.

In any event it scarcely seems likely that we shall become actively engaged in the war. It would be a good many months before we possibly could equip an effective army to send across the ocean, and even after it was equipped I do not see how it would be possible to provide the ships to transport it. If we waited to equip the army and build the transports, the war on the other side of the water will almost certainly be ended before we could be ready for action.

### Situation in Mexico

I must say that the situation in Mexico does not look good to me. We have sent a small army far into the interior of what is practically a hostile country. The farther the army under Pershing goes into the interior, the more difficult will it be to maintain a line of communication with the base of supplies. The fear I have is that it is the purpose of Villa to get our army as far as possible into Mexico, and then if possible gather enough force together to attack it piecemeal and destroy it.

The troops of Carranza cannot, I fear, be depended upon to co-operate with our troops in effecting the capture of the bandit. Along with the other rumors is one which seems to be rather persistent, that the Carranza government insists that our troops be withdrawn from Mexico. The administration denies that it contemplates complying with such request, but the fact that it is made is disquieting.

If our troops are withdrawn now the expedition has been a very expensive and useless proceeding. We have killed a few Mexican peons and chased the Villa band a few hundred miles, but we have not got Villa and have not punished him for his murderous raid into Columbus. The making of the request that we get out of the country, however, indicates a feeling of hostility which is liable at any moment to develop into active hostility, and a probable attack on our troops.

Of course such an attack could have but one effect. It would be impossible following such an attack, which if it succeeded, would mean the massacre of our troops, to prevent intervention with a large army. No administration could withstand the popular demand for intervention which would follow. That would mean the organizing and equipping of an army of not less than 300,000 men and probably half a million. While the conquest of Mexico would be particularly difficult after the army was organized, so far as occupation of the country is concerned, it perhaps would be followed by a tedious and expensive guerrilla warfare which might continue for years. But that seems to me to be the outlook ahead just now.

### Conscription of Wealth

The war in Europe is likely to cause a social, economic and political upheaval in every country engaged. If the war lasts another year the public debt of Great Britain it is estimated will amount to 20 billion dollars. The public debt of Germany will be almost as great and that of France probably will reach a total of 15 billions. Great Britain is talking of applying military conscription to all classes fit to bear arms. The workers are submitting to limited military conscription with better grace than might have been expected but at the same time they are asking some questions which are causing disquiet among the moneyed aristocracy.

The more intelligent among them are asking the question: If it is right that the government should compel a man to give his life why should it not also conscript the wealth of the country to pay the bills? In other words why should the country be burdened after the war is over with an interest-bearing debt so vast that no man can comprehend its magnitude, and which will be used as a comfortable and safe form of investment by the wealth owners of the country? Why should not the wealth be conscripted to pay off this burden?

Suppose, for example, that the wealth of England amounts to 60 billion dollars, and two-thirds of that wealth is in the hands of a very small per cent of the people, say 5 or 6 per cent; why should not the wealth of these 5 or 6 per cent be conscripted and used to liquidate the public debt?

The questioners argue that certainly mere property should not be given greater consideration than human life, and if the government takes one for the public good it should take the other.

When the war is over there is almost certain to be a reckoning. The people who have suffered so much will, after the excitement has subsided, begin to ask why the war should have been; why it could not have been avoided and also they are liable to insist that it was enough to have compelled them to have fought out the war and suffered its horrible hardships without compelling them and their children for untold generations to continue to bear the burden of interest on the war debts.

### Why Not be a Packer?

The recent investigation of the methods of the great packing houses of the country seemed to show that they systematically pursue the policy of beating down the price of both beef cattle and hogs in the

fall when the stockgrowers are supposed to sell, and when most of them have to sell. When the prices are low the packers fill their storage rooms at prices which make the stock raisers no money. In fact they declare that more often they have to sell at a loss. I know that Kansas stock raisers have complained bitterly that they could not afford to feed cattle last fall on account of the high price of feed and the low price of cattle.

After the greater part of the stock has passed into the hands of the packers it is said that they systematically boost the price of cattle and hogs, and this gives them an excuse to raise the price of bacon, hams and dressed beef to abnormal elevations. For instance, now, the prices of hogs and cattle are away up but few of the farmers have any to sell. The price of meats is also away up and the consumers are suffering.

The packers are the only people the stock raisers say who are making profits, and these are vast. They control the markets both for livestock and dressed meats.

What is the remedy? I have no faith whatever in governmental investigations. Suits to "bust" trusts have been mighty beneficial to numerous lawyers who were in position to get fat fees, but they have never resulted in benefit to the people generally.

If the stock growers, instead of spending their funds in law suits which will be of no benefit to them or to the consumers, would organize packing houses of their own and conduct them on business principles they might get somewhere.

They declare, and justly so I think, that if the prices of cattle, hogs and sheep were maintained at a fair average all the year round, the stock raisers could make money and the packers could make fair profits while the consumers would not be held up to the present extent. The stock raisers of this country are able if they will only combine their resources, to command abundant capital to organize the packing houses necessary to take care of their output, but it would not be necessary to go in that extensively. Whenever the great packers see that they are threatened with intelligent, well organized opposition, they will be good. At present they have the power in their hands to fix prices at both ends of the line. They are not greatly alarmed about prosecutions under the anti-trust law. They have had experience along that line.

Some time there will be government packing houses where the elements of profit and speculation will be eliminated and meats will be dressed, cured and distributed at cost, but that time has not arrived yet and probably, will not arrive for several years to come. Meantime the stock growers have it in their power to remedy the situation if they only have the will and wisdom to do it.

### Good Roads in Kansas

I have just finished reading your editorial in this week's Mail and Breeze on the subject of "Kansas Roads." I want to congratulate you on the good sense contained therein. While I have been and am still a strong advocate of a hard surfaced road, especially for the Eastern part of Kansas, I realize fully the force of your statement regarding the road conditions in the Western part of the state.

Your reference to Ohio's roads and her progress in improving them were of interest to me. I have been looking for a good road law that would be practical and popular in Kansas in aiding those sections that so desire to build hard roads, and after much investigation I decided that the Ohio road system was as good or better than any that I have found and as you know I have been trying for several years to get this law, with proper modifications, enacted in Kansas. It provides for an inter-county system which when fully developed will give the state a fine system of market roads. I am pleased to see Governor Capper, Senator Bowman, and most of the prominent road boosters are coming to endorse the Ohio law as the best for Kansas. It is hoped that this law, with proper changes, will be enacted by the Kansas legislature at its next session.

I was especially interested in your story about the community school and its good roads and automobiles at Lincoln Center, Kan. I am sure you are right when you say, "Good roads and good schools are hooked up together." When a boy on the farm I have helped many a day to work the roads or "spoil" them as you said and fully appreciate what you stated about road conditions and am glad that there is an improvement. But in Eastern Kansas there are many weeks and months during school days that it is a positive punishment to children to require them to trudge thru the snow and mud and slush for a half mile, mile and often a mile and a half to school. The roads are simply worse than nothing and the pupils are chilled, with wet feet and often wet backs when they arrive at school. If they had rock or hard surfaced roads over which to walk it would be a great improvement and add 50 per cent to the efficiency of the school work and save many pupils from bad colds and sickness that is directly traceable to exposure.

The farmers of Kansas are paying out more money in taxes for roads and schools than for all other purposes combined. I have been investigating the expenditures along this line in the several counties along the Jefferson Highway in Eastern Kansas and find that the money spent on the roads and country schools in each county is by far the greatest burden that is borne by the landowners and when it is

realized that the country schools are very little better than they were thirty years ago and that the roads are impassable with comfort many months in the year it seems to be very evident that the farmers should awake to the need of better roads and better schools—in other words 365-day roads and consolidated country schools. This change would solve the problem to a great extent in keeping the boys and girls on the farm, reduce the high cost of per capita education in the rural districts, give service and comfort on the roads and not raise taxes, but probably in due time reduce them. But even at a small increase the benefits would be several fold more.

One county in this part shows that the farmers paid out in 1915 for roads and country schools \$128,435. This sum probably is five times more than is paid in taxes by the farmers for all other purposes. It is a large sum for the farmers of one county and yet they are not complaining so much of the tax as they should complain of the service both from the roads and the schools. The improvement in schools has been almost wholly in the towns and cities. The improvements in sidewalks and streets and highways have been almost wholly in the towns. The cities have been laying concrete walks and paved streets while the country roads are still mud roads much of the time. One cannot blame the young men and women from the country school districts who come to town to attend the city high school and get accustomed to the paved streets and smooth sidewalks for not wanting to return to the old farm and wade the mud both on the roads and about the farms. A few hundred dollars expended by each farmer for hard roads and stone walks about his home would help to make the old farm a better place to live and rear the family.

Pleasanton, Kan.

J. FRANK SMITH.

### Truthful James

"That army of soldiers which is hunting Villa is havin' a right hot dry time of it I reckon," remarked Truthful as he laid down the paper. "I used to have a friend who went down in that country and stayed there for six or seven years. When he went there he was a big, fine lookin' feller standin' 6 feet 2. I didn't see him again for six years and when I did, I didn't know him. One day a smallish, bowlegged runt of a man stepped up to me and says 'Haow are ye, Jim?' I looked him over and says, 'You have the best of me, stranger. So far as I know I never set eyes on you before in my life.'

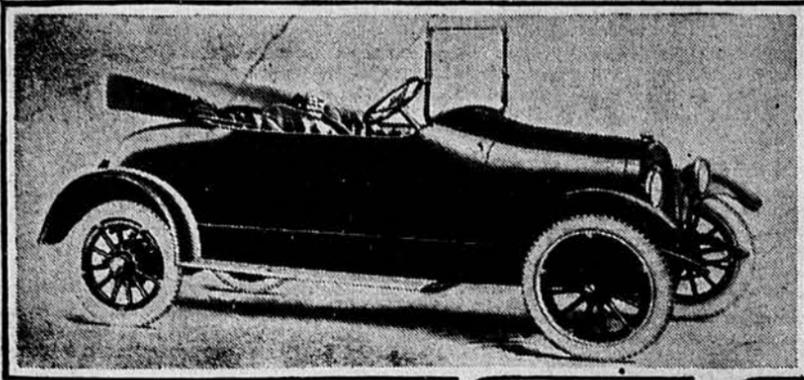
"O yes, you did," says he. "You are now restin' your optics on what is left of Pete Belasco who used to be your runnin' mate in the years that are gone."

"What are you givin' me?" says I. "I used to know a feller by the name of Pete Belasco and I used to run with him considerable, but Pete was 6 feet 2 inches high and straight as an arrow."

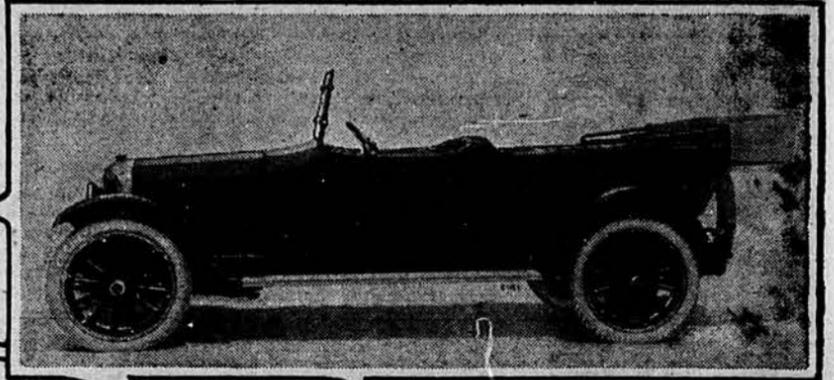
"The same is true," remarked the bowlegged wreck, sadly, "but I ranged for six years on the desert south of Arizona, and this is the result. I was foolish enough to start out one day across the desert on a hundred mile ride. A feller at the ranch where I was stoppin' told me that I was runnin' a great risk but I just laughed at him. I was just fool enough to think I could stand anything. Well, I started early, a little before sun up, because I wanted to make it in a day. Before the sun got up it was cool and pleasant, but the minute old Sol showed up over the rim of the desert it began to warm up at a tremendous rate. By 9 o'clock a pocket compass I happened to be carryin' showed that it was 120. By 10 o'clock it was 150 and by 12 o'clock it had passed 200 and was just beginnin' really to hump itself.

"Then a curious thing happened. The hoss I was ridin' began to melt. His legs began to get soft, and the first thing I knowed they just went down under him like soft plaster. I pulled off the saddle, and as soon as I laid it on the sand it took fire and burned up. There I was, 50 miles from shelter and the mercury runnin' out of the top of the tube. As near as I could get at it the temperature was 225, and still a risin'. I started to walk and felt myself meltin' down. My legs bent under my weight because the bones had got soft in the heat. I could feel myself just squishin' down, runnin' together. Well, sir, I don't know how I ever made that walk, but I did. When the sun went down it began to get cool again and by midnight, when I finally reached the ranch I was aimin' for, it was bitter cold. That's the way it goes down on that blasted desert."

"But I was a sight to behold. The sun had set fire to my hair and whiskers and I would have been badly burned about the head and face if I hadn't happened to have a canteen of water along with me. But them legs of which I used to be justly proud, was bowed like the hoops of a barrel. When the temperature went down after night the bones had stiffened and set and there they are. I was 6 feet 2 when I started on that ride and only 5 feet 4 when I struck that ranch that evenin'. My nose you remember, Jim, what a beautiful smeller I used to have—well, that nose melted that day and ran all over my face as you see it now, so that I have to have two handkerchiefs to wipe it now, and when I'm sitting between two men and happen to sneeze I'm liable to blow both their hats off. Of course I ain't informed about what's comin' hereafter but I'm a wagerin' some that hell don't hold no edge on that desert."



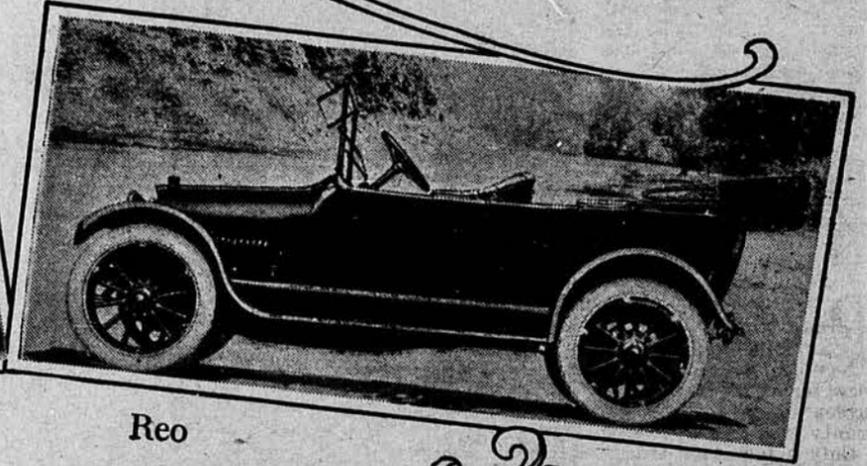
Pullman



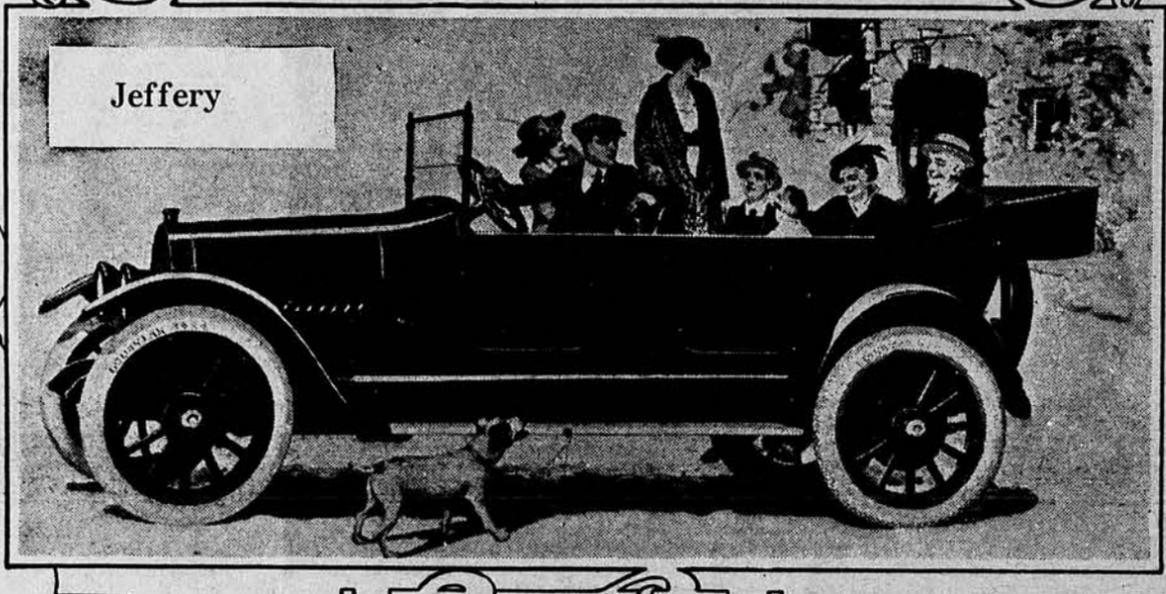
Oakland



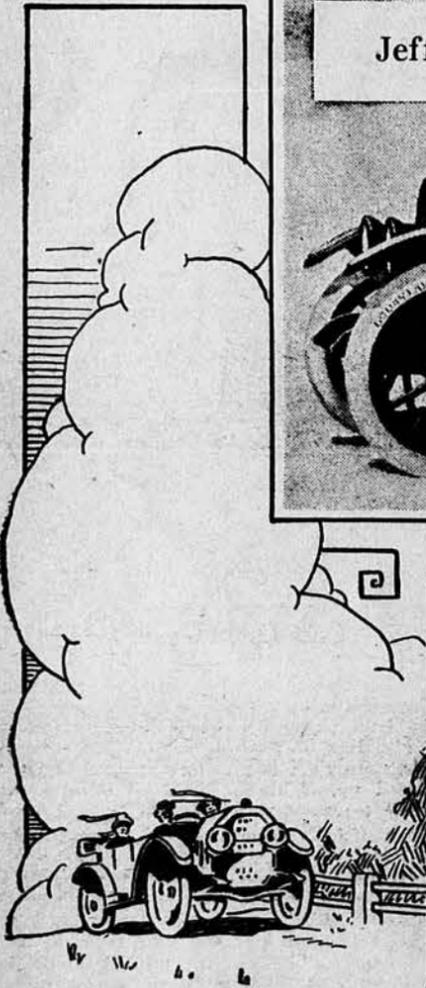
Maxwell



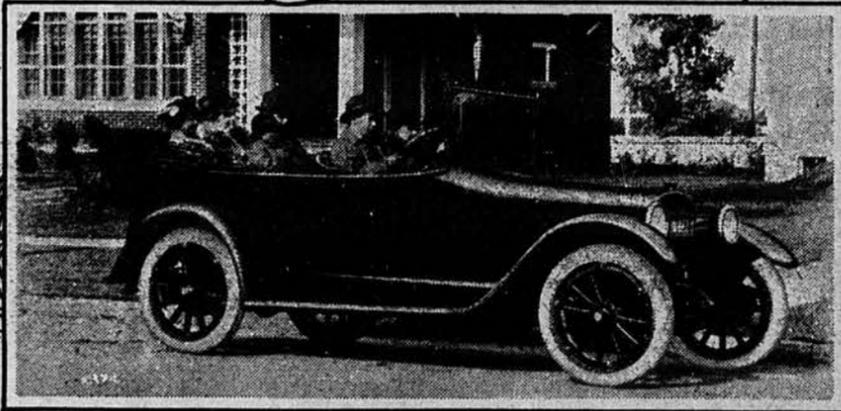
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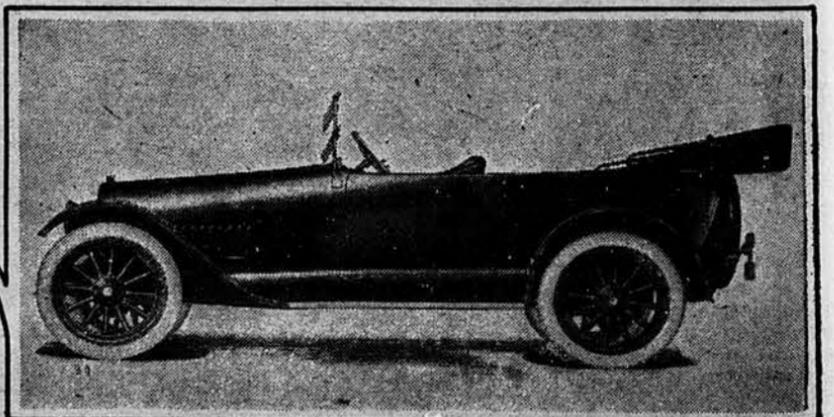
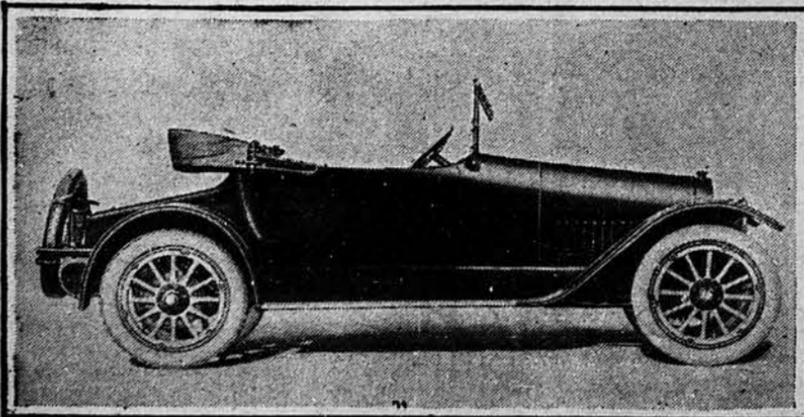
Mitchell-Lewis



Chalmers



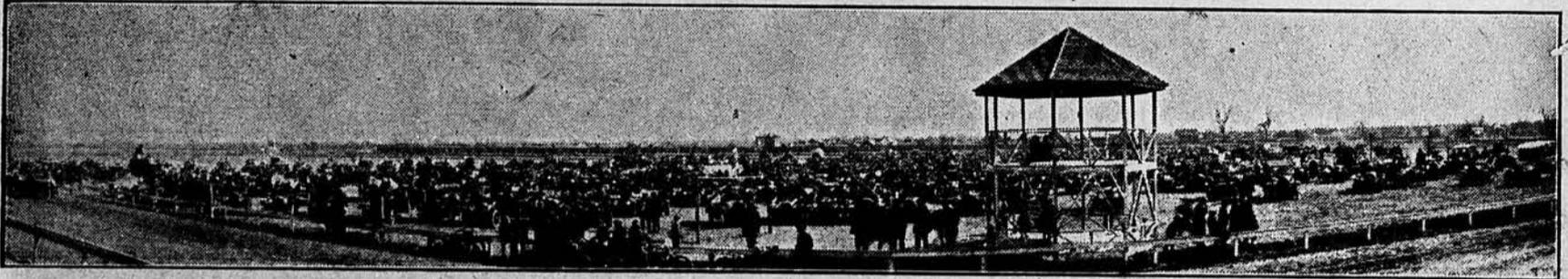
Mitchell-Lewis



# Where None Need Walk

## Pawnee County Has a Motor Car for Every Nine Persons; Wheat Pays for Tractors and Automobiles

By Tom Blackburn



At the Automobile and Tractor Day Held in Larned April 1. There were 733 Automobiles at the Fair Grounds. Between 900 and 1,000 Motor Cars were Estimated to Have been in Town That Day. The Group in the Picture Had Just Come from a Tractor Demonstration.

**P**AWNEE county citizens motored into Larned the other day for an automobile and tractor celebration. When the motor cars passed in review for a "movie" man, virtually every person in Larned and that end of the county was in the parade.

Only a few scattered groups stood on the curbstones of Broadway and watched the procession, and had every car been filled to capacity, there would have been no spectators. Pawnee county has enthused over automobiles until 1,000 licenses have been issued to 9,000 population, one motor car to every nine persons.

It is in country homes that the gasoline-propelled vehicle has become a necessity. Nearly every farm home has a car of some sort to go to church in, to haul groceries, or run to town after machine parts.

"The farmer can't live without an automobile," says E. E. Frizell. "He lives in it almost as the cowboy used to live in the saddle. The reason for Pawnee county's big interest in cars has been caused by the roads. The highways are in almost perfect condition all the time. Twenty-four miles of dirt road, costing \$41 a mile, will equal the \$10,000 a mile highway north of Sacramento, California.

"The old Santa Fe trail, whose 29 miles in Pawnee cost \$59.60 a mile to grade is in excellent condition. Flat country encourages the automobile."

An automobile association had charge of the day in Larned which was chiefly to advertise the hike to Kansas City in May. Activities began early. A walk over Larned at 9 o'clock revealed one horse and buggy in sight on the streets. The half block of garages on East Fifth street was humming with motors and conversation.

"We are going into the country to sell cars," said a garage owner.

"They are never white elephants out on the country roads. Farmers like a lighter car at a medium price, one that will haul the entire family and give the most for the least money."

There are few runabouts in Larned. The difference in price

between the two-seated car and the larger model is insignificant, corresponding with the increased hauling ability. The cars often have to pull other than human freight in the rear seats. Flour, groceries, and material are transported and one farmer north of the town recently went so far as to take on a load of fence posts.

Pawnee county is not a land of old automobiles. Last year's models predominated and only one was seen which savored of the pre-1910 motor car era. No one could answer the question as to where the old motor cars went. They were certain that the brilliant gathering was not recently made as the county always has had many motor cars.

A few heavy 8-cylinder automobiles were bought in Larned last year but the tendency has been away from them. Tonneau colors were very conservative, red or scarlet shades being in the minimum. Most owners preferred a black or dark blue body and the white Interstate runabout driven by Mrs. Ula Standish looked like a snowball in comparison with the other automobiles on the streets.

Larned has a late model automobile hearse and a motor truck, both taking in the automobile parade. In the panorama picture taken in the afternoon, were 733 motor cars whose value according to computation by The Tiller and Toiler amounted to \$685,000.

Nearly 1,000 persons drove out to a tractor demonstration north of town. A 20-acre field was plowed by tractors, Big Bull, Titan, Emerson, Waterloo Boy, Advance-Rumely, Mogul, and J. I. Case machines being on the field. Groups of men and boys followed the different machines, which rippled thru the soil guided by experts. Boys and young men took as much or more interest than the older men, it appeared. Most of the young farmers have had experience in handling a motor car and believe that they could run a tractor just as easily. Running a gasoline engine seemed to fascinate the boys.

The bystanders did not believe that the tractor would put the horse out of business. But it was the general sentiment that the tractor was destined to take heavy work off of the horse, just as binders and threshing machinery had minimized human labor.

"Whenever you get a tractor that will sled corn, just trot me to it," said a middle aged spectator.

The advancing price of gasoline was reflected in the fact that three of the tractors burned kerosene—the Advance-Rumely, Waterloo Boy, and Big Bull. One Big Bull was using a combination gasoline and kerosene burner while another used gasoline. Both appeared to be having equal success.

The crowd that watched the machines was the largest that ever attended a tractor demonstration in Pawnee county, according to The Tiller and Toiler. Numbers of orders for machines were taken that day.

"It's my estimate that three-fourths of Pawnee county is tractor plowed," said E. E. Frizell. "I have five tractors and prefer the oil burning machine to the steam. The average farmer wants an 18 to 30 horse tractor which will pull three to four plows or two binders."

Ninety-seven tractors were sold at Larned last year by one company, Young & Gavitt.

"I figure that one-half of the county is tractor plowed," says W. S. Young. "A good many farmers have found that they are horse poor. They often feed 40 head nine months in the year for

nothing, and are buying tractors as a way out. The majority of tractors sold in the county are paid for in cash."

Following the tractor demonstration the bulk of the Pawnee county people drove to the fair grounds to be photographed by a moving picture man. The films will be sold to the Universal weekly and when the Pawnee county automobile association visits Kansas City next month, these pictures will be shown at the Willis Wood theater for their benefit.

The return from the fair grounds was in parade formation, headed by a motor truck with a red coated band. Probably 700 cars were in the parade. Six hundred ballots for indicating the date of the Kansas City trip were distributed at the fair grounds and approximately 150 cars were missed, it was estimated.

Among the features of the parade was a motor truck disguised as a huge silo. It bore a placard "Fifty carloads of cement were used in building silos in Pawnee county last year." Another big motor truck contained about 50 children. It was placarded, "Pawnee county's best crop. The crop that never fails." A big truck containing 100 sacks of flour was placarded, "Pawnee County raised enough wheat in 1914 to feed its entire population for 150 years." Another big truck contained 50 bushels of ear corn and was labeled, "Pawnee county farmer marketing his corn."

A local hotel motor bus was disguised as a prairie schooner and labeled "Pawnee county or bust."

Following the parade, the farmers visited the stores, talked with one another, and drove home. At chore time the streets were cleared almost entirely.

"How many farms are mortgaged to the roots to pay for these motor cars which every family seems to own?" was asked.

"Not so many as you might think," said D. A. Ely. "The majority of these automobiles are owned in the country and the farmer has the cash to pay for it from his wheat crop—result, no mortgage. There have been few bad wheat years here in the last 10 years with the exception of 1913. The wheat acreage is 270,000 for the county."

"Pawnee is more of a grain than a livestock county altho there are at least eight prominent breeders of Herefords, five Galloways, five of Short-horns, and one of Holsteins."

"You can see that with a succession of good years a lot of money has accumulated in the county. The farm owners can buy tractors and automobiles with spot cash. They are using their money to protect themselves against failures by means of silos and alfalfa."

Larned looks its prosperity. Several

fine residences have been built and the town has an aggressive citizenship who work together. The schools compare well with the rest of things. One of the best equipped print shops in Western Kansas belongs to The Tiller and Toiler, edited by Leslie E. Wallace.

E. E. Frizell, the largest landholder in the county, is a farmer of state wide prominence and member of the board of agriculture. He owns thousands of acres along the Pawnee River valley and believes that the future lies in livestock, the silo, and alfalfa—particularly alfalfa.

He stretched his hand toward a skyline broken by black, towering silos. "If elevators are the battleships of the Dakotas," he said, "the silos are the forts of Kansas."

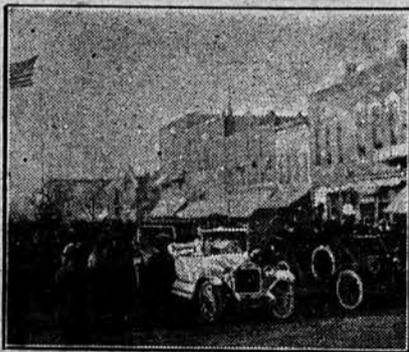
Along the Pawnee valley it is a question as to whether farmers consider their silos or barns the more valuable. Many of them have several silos. Away from every farm home stretched green wheat fields, pastured by chunky Galloway or Hereford calves. "There's where the motor cars in Pawnee county come from," said Mr. Frizell.

### Col. Cook Was There

I notice in the last Farmers Mail and Breeze an article headed, "The Best Soldiers." And you go on and tell what wonderful soldiers the negroes were. What do you know about negro soldiers, anyhow? The great historical work of the Civil War called the Rebellion Record, I don't remember the number of the volume but it took up affairs in Mississippi in October, 1864; showed there was a battery of artillery taken at a place called Woodville, Miss., by a negro regiment, and this was Holmes, La., Battery. This negro regiment was officered by private soldiers. Every one of them had been promoted from the ranks in their old regiments at the time they were commissioned in this one. If you have a volume of the Rebellion Record in your office covering this date, you will notice that I was present myself in that engagement and that was the only battery of artillery captured by any cavalry regiment that was brought into Vicksburg during the war. This little affair got me an invitation to dinner with Gen. N. J. T. Dana, and 500 fine horses. Before this we had mounted ourselves and were known as the "nigger regiment" officered by privates and mounted on mules.

I read your articles with a great deal of interest, and I notice you are always standing up for the right. It does my heart good to hear from you. I think you have a warm place in the hearts of thousands of loyal, patriotic Kansans.

J. B. Cook.  
Chetopa, Kan.



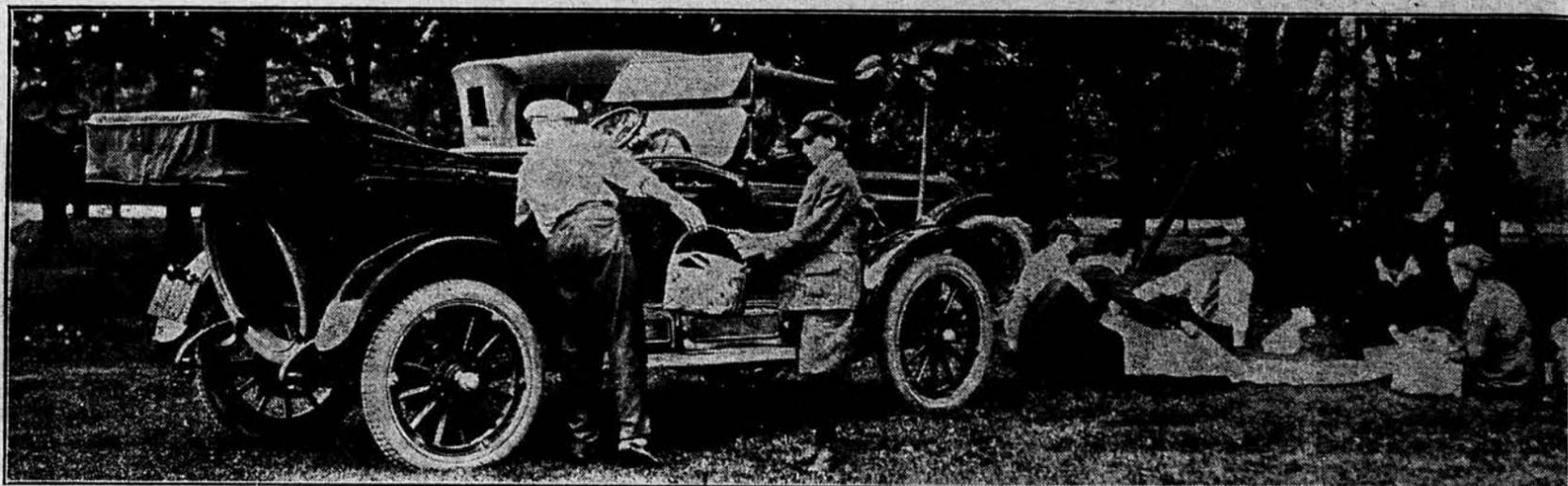
The Motor Car Parade Blocked the Streets.



Horses Have Nearly Disappeared from Larned.

# Motor Cars on the Farm

BY T. F. BLACKBURN



**N**OWADAYS you do not need to feel shut off from the world a good share of the time, or be denied the pleasure of associating with your friends just because they live a few miles away. An automobile brings freedom from the loneliness and isolation which long have been the lot of the average farmer.

When you wish to go to town in the morning you can get up at your usual hour, do your chores at the usual time, and still get there as early as you used to when you had to make an extra early start with the horses. You can jump into the machine at any time during the day and get to town and back in a fraction of the time it used to take.

In the evening a few minutes' drive will take you to a friend's house for a visit, to a social, a meeting you wish to attend, or a picture show in town.

You can take in the circus, the county fair, and special holiday attractions, and enjoy yourself more because you have time to see everything and don't have to think about a long wearying drive home.

On Sundays the ride to church is all the more enjoyable, and you can spend the afternoon with friends at a distance, whom otherwise you might seldom see. And best of all, you can do all these things without taking your horses away from their work in the day time or from the rest they need to keep them in good condition.

In winter you need no longer dread the trips to town with your horses—the long, cold drives with your fingers so cold you hardly can hold the lines as the horses pick their way slowly over the rutty, frozen roads—each trip a real hardship. In your automobile you spin along at a comfortable speed, snugly protected from the snow and biting wind. You travel quickly, and arrive at your destination feeling like a human being instead of an icicle.

Nowadays every season is automobile season. All the year around a car proves a big time saver

in farm work, and gives you a lot of pleasure and recreation you would not have otherwise.

Farm women of today would be the last to deny that they have many advantages over the farm women of earlier generations. The sewing machine, washing machine and other mechanical devices have made their work lighter; the telephone and rural free delivery have made it easier to keep in touch with neighbors and with the outside world. But talking with a friend over the telephone is not the same as a visit at the friend's house; ordering goods by mail is not always as satisfactory as going to the store in town and picking out just what you want. Right here is where the automobile fills a need that nothing else can fill.

When a woman has occasion to run over to a neighbor's or go to town on an errand, she doesn't have to wait the convenience of work in the field to get a horse. With an automobile she can go when it is most convenient to get away from her own duties, and it does not disturb the regular farm work. And then, too, in most cases she can go and get back in the time it would take to go one way with a horse.

Best of all, there is an exhilaration in

spinning over the roads, with the car answering to her slightest touch, that refreshes her and takes her mind off home worries. After a ride in the fresh air troubles don't seem so big and the work seems easier. In short, an automobile gives her the occasional relaxation and change of scene that she needs. For, after all, in some ways the woman's work is more trying than the man's. The man on the farm works hard and does his full share, but he has some advantages. One day he is working in this field, another in that, and now and then he spends some time in the barn or the workshop. And more than likely he makes occasional trips to town.

On the other hand, a woman, unless she has some convenient means of getting about, is tied down to routine duties about the house. Getting three meals a day for healthy eaters is no small task in itself, but it is a small part of the work that the farmer's wife must do. She has her house to keep in order, her sewing to do, canning and drying fruits and vegetables, and very often she looks after the poultry and the milk. In addition to all this she probably has the cares of a family of little ones.

Getting away from this routine now and then does her a world of good. She

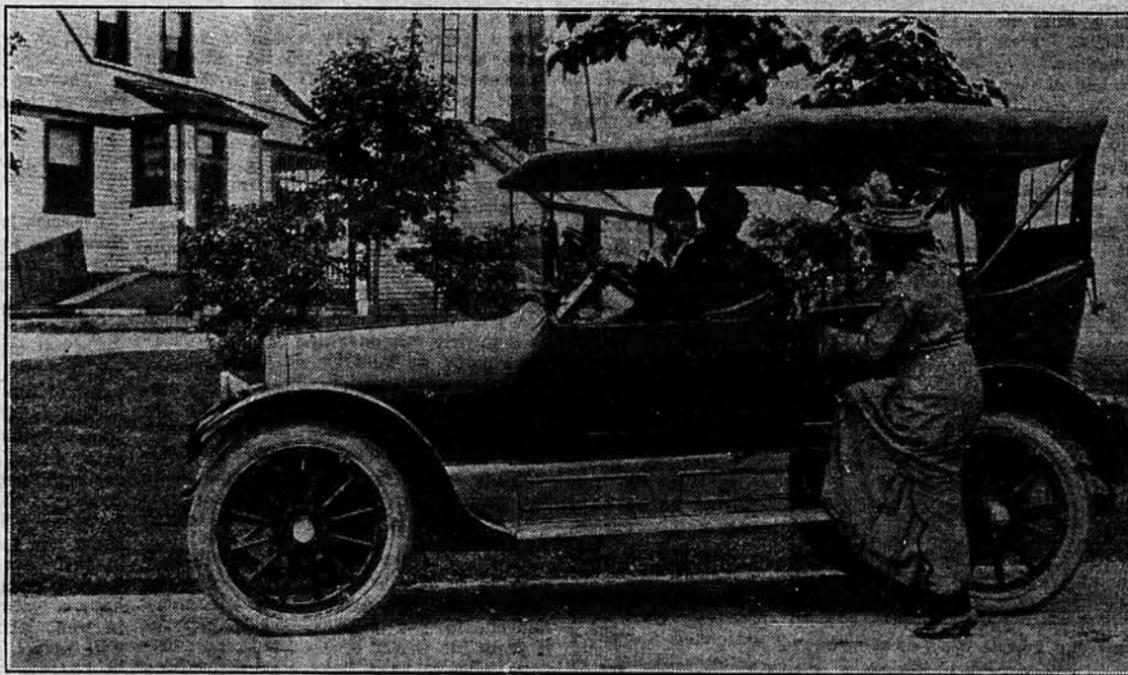
comes back to her duties refreshed and invigorated. She gets more work done in a shorter time, and home cares and worries have no chance to weigh on her mind and health.

Considered from the standpoint of its benefit to the health and happiness of the womenfolk alone, an automobile makes an investment that pays big dividends. Progressive farmers realize this; that is why the automobile is doing so much to brighten and broaden the lives of farm women all over the country today.

Many young people leave the farm, not because they are afraid of hard work, but because they crave more variety in their lives. You hardly can blame a boy or girl for feeling dissatisfied if the years of youth are drifting by without much opportunity to make acquaintances and enjoy life.

And they need to make acquaintances and mingle with people. It is not merely a matter of pleasure with them, altho that is the way they may see it when they are young. It is a part, and a big part, of any person's education to brush up against others—learn their views and ideas, and learn how to express his own in turn. It broadens the mind and breeds self-confidence, and has a big bearing on success in life. Many persons firmly believe that the biggest advantage in a college education is the broadening mental effect which comes thru contact with other persons from different walks in life.

In youth the desire for sociability is instinctive, and if a high-spirited youth cannot get it on the farm, the city naturally looks more attractive. Here is where the automobile plays an important part in farm life. It provides just the safety-valve needed to let out the excess energies and spirits of your growing boys and girls. It gives them an opportunity to enjoy a real community and social life. It provides the recreation and change that is necessary to the proper development of growing bodies and minds. It will keep the children satisfied.



## The German Plan Offered

A landschaft system of rural credits as a substitute for the rural credits bill before congress is advocated in the senate by Senator Sheppard.

The Sheppard plan is designed after the German system and provides for the establishment of a system of farm loan banks under a federal farm loan board. His bill provides for an assistant secretary of agriculture for rural credits and an assistant secretary of the treasury for rural credits, and arranges

for a national rural credit institute.

Under the institute would be organized and operated local chapters in the states and territories to be known as landschafts composed of all farm owners within a designated district who desire to secure long term loans on the security of their farms. An appropriation of \$500,000 is provided for in the bill to start the work of the institute.

The speech of Senator Sheppard accentuated the difference of opinion still existing among the Democratic leaders in congress on this subject. Already the senate banking and currency com-

mittee has reported to the senate favorably the Hollis rural credits bill. This contains certain government ownership features to which it is said the administration is opposed. The President refused to sanction this measure last year because it provided for direct aid from the government thru subscription to the land mortgage banks. The senate bill provides for similar government aid, but in a more indirect manner.

The house banking and currency committee has long had its bill in a form which about meets the approval of that committee, but a report to the house has

been delayed. It has been generally understood that the house committee was delaying until some form of agreement could be reached between the leaders and the president regarding the form the bill should take. No agreement regarding this has been reached, so far as can be learned. Nevertheless, the president included the measure in the legislative program which he desires congress to pass at the present session. Unless some agreement can be reached before long, it would seem that the rural credit bill will again be dropped by the administration.

# Water = Hot and Cold

## An Inexpensive System for Farm Kitchens Has Been Invented by W. A. Etherton

**C**OLD, warm, or hot water, as the kitchen worker may need it, in plentiful supply from the spout of a little house pump—this is the latest development in running-water equipment for farmhouses. It will cost you only about \$15 more to install this equipment than to buy a bucket pump for your cistern. It is the invention of W. A. Etherton, professor of rural architecture in the Kansas State Agricultural college at Manhattan.

Etherton turned his attention to the problem of running-water for the farm kitchen when preparing the plans for "Uncle Sam's Model Farmhouse." This little house of four rooms was planned for a cost not to exceed \$1,000, and so it could not be equipped with a plumbing system of the kind commonly found in dwelling houses. The plan does not provide for a modern heating system and such provision is necessary to protect water pipes, range boilers, and storage

tanks that cannot conveniently be drained.

Here, however, is a simple, inexpensive, and wholly practicable water supply apparatus that may be had for about double the cost of a cistern bucket pump which it may displace, and that may be used safely in kitchens in which water freezes at night.

From a little house pump fastened to the wall, may be drawn at will the coldest water from the cistern, the hottest water from the range boiler, or warm water from the bottom of the range boiler. The pump and its suction pipe to the cistern can be drained in a manner common to all force pumps and refilled for priming by a simple adjustment of the stopcock. When it is necessary to drain out all water from the range boiler and the pipes, this easily can be done without waste of water.

The apparatus consists of a force pump and its suction pipe to the cistern or well, a range boiler, a waterfront in the kitchen range, the pipes and pipe fittings that connect these three elements, a three-way stopcock, an air cock and a sediment cock under the boiler.

There are no brass faucets in the simplest form of apparatus, and when they are required for additional fixtures, such as laundry tubs, lavatories, the tub

or shower bath, only one faucet and one pipe are required for each fixture. Cold, warm, and hot water can be supplied thru these to the several fixtures just as thru the pump spout to the sink. In no other plumbing scheme for domestic service can different temperatures of water be run at will thru the same pipe and the same outlet.

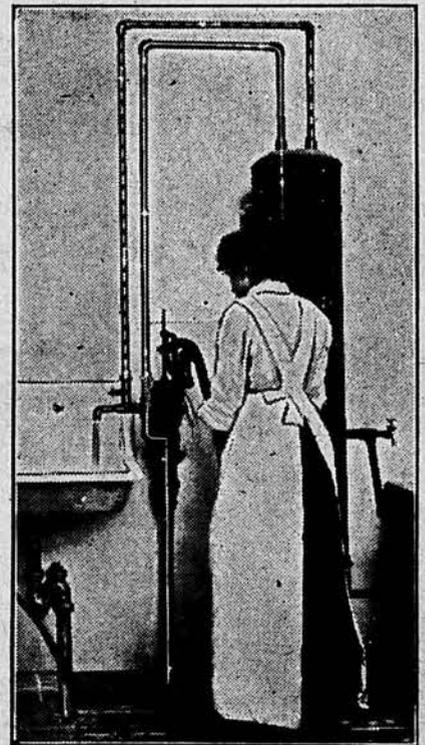
There is nothing special in any of the parts of this apparatus. Any kind of hand force pump and any kind and size of range boiler can be used. Every other part is a common plumbing article that can be obtained without delay from any plumbing supply house.

This plumbing scheme is independent of water mains, air tanks, and storage tanks of any kind except the range boiler. It will draw water from a cistern or shallow well near the house or more than 100 feet away from it, or it will lift water from a deeper well placed directly beneath the pump so that the cylinder can be lowered to within 25 feet of the surface of the water. The range boiler may be as large as needed for storage, and water can be drawn from it as easily without pumping as it can be drawn from a pressure tank below the kitchen or an attic tank.

With the exception of the suction pipe to the cistern, no part of the apparatus is concealed or requires cutting of holes in floors, walls, or ceiling. It is, in fact, portable, and the farm tenant who will supply his own plumbing rather than do without it, can move this little device.

The plumbing may be used in any kitchen and with any arrangement of fixtures. The grouping shown here is only for convenience in photographing. The boiler may be across the room from the pump, in an adjoining room, or on the floor above. Other fixtures can be added in the kitchen or adjoining rooms by making slight alterations in the apparatus, and this scheme can, for some installations, be combined advantageously with systems of plumbing in common use.

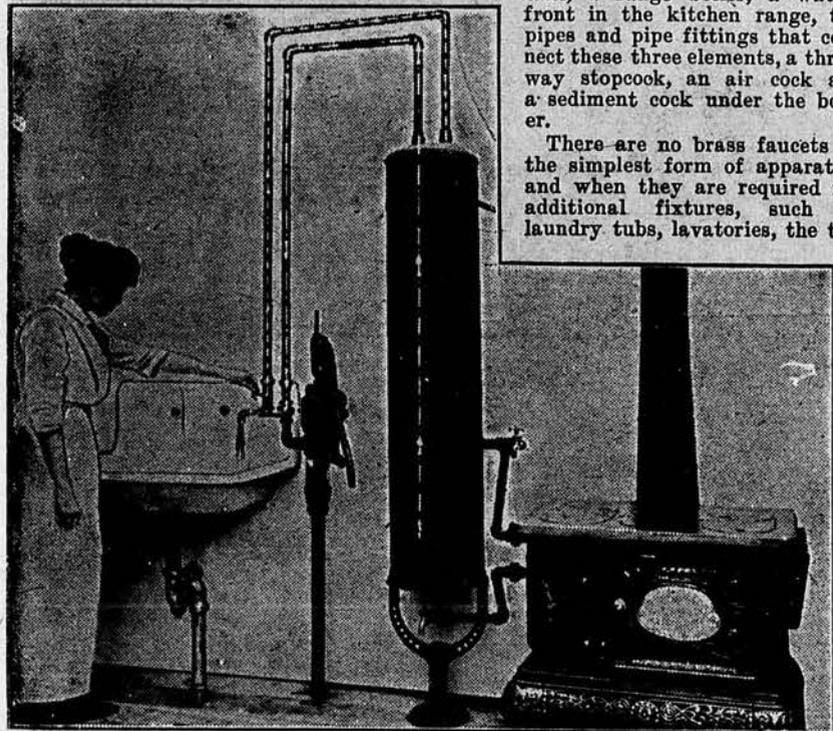
Plumbing systems as commonly installed are costly, and in the colder climates of the United States require modern heating systems to protect them from freezing. The little plumbing device shown here is not entirely free from danger of freezing, but the provisions for emptying the pipes, and when necessary



the range boiler, are so simple as to make it more suitable than others for cold kitchens.

The apparatus, with the necessary pipes for a nearby well or cistern, a 30-gallon range boiler, a 20 by 30-inch flat rim sink, and a lead trap, is offered for sale by one firm of plumbers at \$25. Additional amounts of pipe required, the waterfront in the range, and the sewer for the sink will increase this cost a few dollars, varying with the conditions of installation. If the house pump is used instead of a bucket pump over the cistern, the extra cost for running-water in the kitchen may be estimated roughly at \$15.

A bulletin which explains all the details of installing this water system will be published within a few weeks, and may be obtained free from the Engineering Experiment Station, Kansas State Agricultural College, Manhattan.



### TOM McNEAL'S ANSWERS

1. Who is speaker in the lower house of congress, and of what political party is he?  
2. Is a child born in the United States of Chinese parents a citizen of the United States or of China?

3. Explain "Pork barrel legislation."  
Canton, Kan. JEREMIAH TINSLEY.

1. Champ Clark of Missouri. He is a Democrat.  
2. A child born in this country of Chinese parents is a citizen of this country. There are more than 2,000 Chinese voters in San Francisco who were born in this country.

3. "Pork barrel legislation" is a term applied to that kind of legislation where members of legislative bodies vote for appropriations supposedly because part of the amount will go to their districts, and benefit directly or indirectly their own personal and political fortunes. For example a bill will be introduced providing for a large number of public buildings. Enough members to pass the bill will support it on condition that one or more public buildings are provided for each of their districts. This came to be known as "dividing the pork."

### Drainage Laws.

1. Will you please publish the drainage laws of Kansas? Can the township board drain water from the public road on to private land where there is no outlet to carry it off?  
H. E. M.

1. The drainage laws of Kansas cover 40 pages of the statutes. It is, therefore, impracticable to comply with H. E. M.'s request.

2. In building a public highway if the private property of a citizen is damaged he is entitled to collect the amount of that damage from the public. If in making a drain across or along the public highway your property is damaged you have a right to collect from the township whatever may be your actual damage. The township authorities have the right to construct the drain along or across the public highway if that is necessary in order to make the road a proper public highway, and if there is no other place to drain the water off the public highway except on to your land they may have the right to do that also, but you, on the other hand, are entitled to whatever damages actually accrue to you.

### Silo Debt.

I have a mortgage which covers the full valuation of my stock and the farm is in my wife's name, but I purchased a silo and was unable to make payment for it. The company which sold the silo sued me. Can it run an attachment on the crop raised on the farm and on rented ground? If not, how can I prevent it?  
SUBSCRIBER.

If the farm really belongs to your wife and she did not join in the notes given for the silo the crop raised on the farm would be her crop, and could not be taken in payment for the judgment against you. If your share of the crop raised on rented land by you amounts to more than the amount exempted by statute, what is over that amount would be subject to execution to pay judgment against you.

Our law provides that you, as head of a family, are entitled to the feed necessary to support for one year two cows, 10 hogs, one yoke of oxen, and one horse or mule, or in lieu of the yoke of oxen

and horse or mule a span of horses or mules and 20 sheep. This amount of feed is not subject to execution for your debts. Of course there is no way to prevent the levying of an attachment but it will have to be dismissed by the court as soon as it is shown that it was levied on exempt property, and in addition you would be entitled to recover whatever damage you had suffered by reason of the attachment.

### Pay It Again?

August 27, 1915, I took out insurance in the Topeka Mutual Live Stock Insurance Co. for which I gave a note for \$102.90 due November 27, 1915. I suffered a loss between these two dates and was supposed to receive credit on my note amounting to \$15.40 the amount of my loss. When the note became due I received word from the Elmo State Bank that my note was due, and payable at the bank. I wrote the company about it and received a carbon copy of the letter it sent the bank stating the amount of my loss and asking the bank to deduct it from the note. In the letter was a blank to be filled out by me and returned to the company; also a personal letter from the secretary of the company in which he said that if I wished I might send the money due on the note to him and he would send it to the bank. So I filled out a blank form, wrote a check payable to the Topeka Live Stock Insurance Co. and marked on the check "for premium on insurance." I received word by return mail, acknowledging the receipt of the money and stating the company had notified the bank to return the note, and that the company would return it to me. I heard no more from it until January 18 when I received a demand from the bank for the payment of the note in full with interest from August 27, 1915, at the rate of 10 per cent. Will I have to pay it again? Is this the law of Kansas?  
Concordia, Kan. H. E. FLEURY.

The bank evidently bought the note before it was due and consequently stands in the position of an innocent purchaser. The officials of the insurance  
(Continued on Page 28.)

The orange tree is the only one which bears fruit and blossoms at the same time.

### HANDY HUSBAND

Knew How to Get Part of the Breakfast.

"I know one dish I can prepare for breakfast as well as any cook on earth," said my husband one morning when the cook was ill and he had volunteered to help get breakfast. He appeared with his dish and I discovered it was Grape-Nuts which, of course, was easy to prepare for it was perfectly cooked at the factory, but it was a good illustration of the convenience of having Grape-Nuts about.

"We took up Grape-Nuts immediately after returning from a five years' sojourn in a hot country. Our stomachs were in bad condition and we were in poor health generally.

"In a day or two we liked Grape-Nuts better than any other kind of food on the table. We both gained steadily in health and strength, and this was caused by Grape-Nuts and Postum.

"A friend of ours had a similar experience. She was seriously ill with indigestion and could find nothing to eat that would not give her heartburn and palpitation, especially at night.

"She found that a small dish of Grape-Nuts with cream made her a satisfactory supper and gave her a comfortable night's rest. In a short time she gained several pounds in weight."

"There's a Reason." Name given by Postum Co., Battle Creek, Mich.

Ever read the above letter? A new one appears from time to time. They are genuine, true, and full of human interest.



**Dutch Boy White Lead**

That beautiful, smooth-spreading material the painter brushes on your house. Most people call it paint.

Ask for **Paint Tips B-6**, and learn more about white lead paint.

**National Lead Company**  
New York Boston Cincinnati Cleveland  
Buffalo Chicago San Francisco St. Louis  
(John T. Lewis & Bros. Co., Philadelphia)  
(National Lead & Oil Co., Pittsburgh)



**Best for Bellies**

While the Hog-Joy Oiler does all that others do—it does *more*. We'll prove it—and it won't cost you a cent. This is the *only* oiler with which

the hog can oil its belly, leg-pits and neck—exactly where lice and disease germs collect. Oiling in these parts is disinfection twice as effective as all back-oiling.

**FREE TRIAL** You know what that means in dollars and cents. Then remember that this oiler costs *less* in the long run because it *lasts* longer. Stock can't tip over. No spring valves or other delicate jim-cracks. Can't clog with mud or snow. Can't possibly freeze. No oil can waste. *30 days' free trial*. Guaranteed for five years. Over 35,000 thinking farmers prefer the Hog-Joy Oiler, because they see its advantages over other types. You will, too. So don't experiment. Write today for our offer to rid your hogs of lice absolutely free.

**H. L. Ide, President, Hog-Joy Co.**  
Dept. 57, Springfield, Ill. (73)

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My new, 1916 low price and selling plans, cash or time, are fully described in my new 250-page book. Do not buy a spreader of any make or kind until you get this book. Ask for my special proposition on spreaders from now until seeding time. My new model spreader with all steel beater, all steel V-rake, low down, light draft, double chain drive, cut under front wheels, channel steel frame, trussed like a steel bridge, steel tongue, endless apron and force feed makes a finer and wider spreading machine than ever.

Shipped from Waterloo, Kansas City, St. Paul, Council Bluffs and Chicago. All styles and sizes of spreaders and spreader boxes fully described in this big, new book.

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Don't forget to drop in and see us when in Kansas City  
Offices and show-rooms across street from Stockyards Exchange.

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Demand for capable automobile and tractor men far exceeds the supply. Our graduates secure good paying positions as Salesmen, Demonstrators, Factory Technicians, Garage Managers, Drivers and Tractor Experts.

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Only six weeks required to train you in this great school. Most complete instruction. Instructors all experts. Enroll now and receive \$50 Course in Tractor and Lighting Engineering Free. Write today for our big Free Book and \$50 Free Scholarship Certificate.

**HANE'S AUTOMOBILE TRAINING SCHOOL**  
Largest Auto Training School in the World.  
1088 Grand St., Kansas City, Mo.

**Colts and Better Feed**

**Larger Horses Can be Obtained by Giving Them Attention and Care**

BY DR. C. W. McCAMPBELL

THERE were only 11 colts March 1, 1914, under 1 year of age in Kansas for every stallion that had stood for public service during the year 1912. Yet, 35 mares would be a conservative estimate of the number bred to each stallion that season. Since a 60 per cent foaling guarantee is given with practically every stallion that changes ownership, it is reasonable to assume that at least that proportion of the 35 mares bred to each stallion "settled." This means that 21 mares should have reared foals during 1913 instead of the 11 foals actually alive March 1, 1914. In other words, 14 out of every 35 mares bred during the season of 1912 failed to get in foal and 24 out of every 35 mares or 69 per cent failed to raise a colt to the age of 9 or 10 months. If each of the 10 mares that conceived and did not raise a colt represents a loss of \$20 to its owner, the total loss in Kansas from this source alone amounted to more than 1 million dollars for the year 1913. When this is added to the loss from the mares that did not get in foal, the seriousness and magnitude of the annual colt losses in Kansas are more than doubled.

It is evident that something must be done; but, before suggesting remedies, the causes for these losses must be ascertained, acknowledged and appreciated by those engaged in raising horses. The causes for these losses may be grouped under two general heads—poor management and disease. Either the stallion, the mare or the colt may be the victim of either or both.

Usually disease is considered the principal factor in colt losses, but poor management is responsible for greater losses than disease. Poor management is due either to ignorance or to carelessness, neither of which is excusable. Books, bulletins and pamphlets have been published upon every conceivable phase of horse production, and the co-operation of the agricultural press makes it possible for any horse raiser to become familiar with successful methods. An energetic application of this information would eliminate almost entirely the colt losses due to poor management and would lessen very materially those due to disease.

A mare will not produce a foal if she is not properly nourished or if she is maintained upon feeds that have an injurious effect upon the organs of reproduction. Underfeeding is, however, the more frequent source of trouble. Ordinarily the mare comes through the winter thin or soft and is put into spring work with but very little preliminary feeding or preparation for hard work. A struggle results upon the part of the animal in attempting to maintain its physical condition and to meet at the same time the demands for energy necessary to perform the work required. A mare, such as has been described—run down, thin or not accustomed to hard labor, yet required to do this kind of work—is not physically fit to breed and

in a large majority of cases will not get in foal.

The best illustration of the value of good feeding and its beneficent effects during the breeding season is the practice of flushing ewes just previous to and during the breeding season. Flushing simply means feeding liberally the wholesome and nutritious feeds. This practice stimulates and invigorates the whole animal body, especially the organs of reproduction. This results not only in a decided increase in the number of ewes that settle but also in the ease with which they settle. Ewes treated in this manner, moreover, have a higher percentage of twins and triplets. If this is a necessary and profitable practice with animals that are not called upon for an expenditure of energy in the form of labor, one can readily see the necessity and value of such a practice in the case of the working brood mare. Liberal amounts of wholesome feeds free from molds and smuts before and during the breeding season are essential if a larger number of healthy mares are to get in foal.

Numerous complaints have been heard to the effect that mares pastured on alfalfa fail to settle. There is no known reason why the alfalfa should have this effect but as the complaint has been rather persistent, it may be well to allow mares only a limited amount of alfalfa pasture during the breeding season. Complaints also are heard that mares fed alfalfa hay are shy breeders. When such conditions prevail they are undoubtedly due to overfeeding with alfalfa hay as very little complaint is heard where mares are fed limited amounts of alfalfa hay. Ten pounds a day should be the maximum amount fed.

Complaints also have been heard that mares fed cane hay fail to conceive. This probably is due to the fact that cane hay carried through the winter and into the spring has lost a large amount of its feeding value and that mares fed cane hay at this time of year are not getting sufficient nutriment or a properly balanced ration. This, of course, would interfere with conception. Hay of this kind also tends to have a constipating effect while feeds during the breeding season should have a mildly laxative effect. Another danger lies in the presence of molds and smuts. Only clean, bright, well preserved cane hay should be fed during the breeding season, and it should be supplemented with a substantial grain ration containing a plentiful supply of protein. Bran with corn, barley or oats is an excellent feed for this purpose. Linseed oilmeal in limited amounts also is a very satisfactory addition to the grain ration.

All changes of feed should be made gradually for sudden changes tend to create digestive disturbances, and these in turn tend to prevent settling and may cause abortion. A large percentage of the mares bred fail to get in foal because of overwork during the breeding season and a large percentage lose their colts because of overwork during pregnancy. It is just as injurious to work breeding mares to the extreme limit even though they are well fed as it is to maintain them upon scanty, poorly balanced, or non-nutritious rations. Mares cannot slave and raise colts at the same time.

An interesting case emphasizing this fact has been noticed recently. Eight fine mares, owned and worked on a certain farm, were bred regularly to a stallion noted for his ability to get mares in foal. These mares were well fed and were of good breeding ages but not a colt had been raised for two years. These mares were worked from early morning until late at night in order to get the most out of the hired help. The work on this farm continued the whole year 'round thru all kinds of weather and all kinds of roads. After finding no evidence of disease the trouble was diagnosed as too much hard work. The owner was advised to purchase a pair of mules to take the hard knocks and

another pair of mares to lighten the work of the other eight. The owner acted upon these suggestions and a year later the 10 mares raised eight colts.

A Western Kansas farmer, who is a very successful horse raiser, in discussing the same question writes as follows: "The mare owners are largely to blame for not raising more colts in this part of the country. They rush their mares from 16 to 26 miles to a stallion, breed them, and rush them back home, and wonder why their mares do not settle. One can drive thru the country during the fall and see boys from 15 to 50 years of age standing on the drill box with a big whip in hand and the team on the trot. We hear these boys boasting of the fact that they drilled 22 acres of wheat in a day or as in one case 200 acres in 10 days and still the owners of mares subjected to this kind



Good Stallions are Necessary.

of treatment wonder why their mares lose their colts. I knew of two mares that were put on the gallop with a load of 55 bushels of wheat from the threshing machine to the bin 3/4 mile away, and the owner wondered why his mares failed to raise colts after they were apparently safe in foal. Mare owners must take better care of mares."

The in foal suckling brood mare requires not only humane but careful handling and liberal feeding, as three animals are nourished from the feed she receives. There also must be enough feed to provide energy for any labor she may perform in addition. For further discussion of the feed and care of the brood mare see Bulletin 186 of the Kansas Experiment station.

Mare owners often suffer loss thru mares failing to produce colts because they neglect returning their mares regularly to be tried. All mares that have been bred should be returned and tried in 18 or 21 days after breeding and again after a like period has elapsed.

The poorly managed stallion as well as the poorly managed mare also is responsible for a large percentage of the failures of mares to get in foal. Probably the most common and most serious fault in the management of the stallion is the neglect in providing sufficient exercise both in season and out of season. Hundreds of stallions are not permitted to leave their box or small lot from one year's end to the next. A stallion confined in such quarters loses his vitality and reproductive strength and will settle only a small percentage of the mares that are bred to him. Fertility, vigor and health can be maintained only by providing plenty of exercise and feed.

Another frequent and serious error in the management of the stallion is overbreeding. A big, strong 2-year-old properly fed and exercised should not be allowed to serve more than 15 mares during the breeding season and there should be at least five days between any two services. A 3-year-old should not have more than 35 mares at intervals of not less than two days; a 4-year-old not more than 60 mares, nor more than one each day; and an aged horse should never breed more than two mares in one day and better only one. The average stallion will fail to settle a large percentage of breeding mares if he is bred to more mares than is suggested.



Colts That Show Real Breeding.

# A New Plan That Wins

## Western Kansas is Getting More Livestock Farmers Who Will Grow the Sorghums

BY F. B. NICHOLS, Field Editor

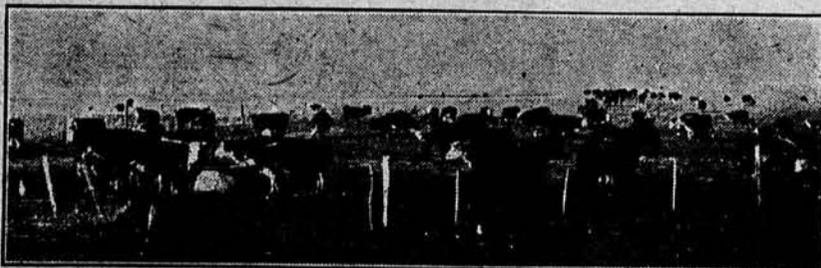
WESTERN Kansas now has the best boom it has ever known. It is not like many of the old booms; but it is a solid, substantial growth, which is based on a knowledge of the needs and the adaptations of that section, and of the things required for success. There is a remarkable degree of prosperity there now, which has been caused quite largely by the excellent crops in the last two years. Settlers are flocking to all of the leading communities.

It is quite likely that most of these settlers are going to make a success of their venture. Most of them have some money and a knowledge of the local conditions, or if they are lacking in this they are willing to learn from their new neighbors. There is but little of the effort to "make over" the country which was so obvious in the record of many of the former settlers. Neither are the new men filled with any great belief in a one-crop grain farming system for that section, for they know that this type of farming has not won in the past, when tested over a series of years, and that there is nothing to indicate that it will do so now.

The ideal that most of the farmers have is to base the farming system on livestock and the sorghums. With this as a basis they are prepared for the dry years which are certain to come. They are better prepared of course if they have some system of supplying water to a part of the place, even if it is only a windmill irrigation plant for the garden. If the settlers cannot get this they perhaps can dam a draw, and this will do a little to help solve the water supply problem.

An especially large number of settlers have arrived recently along the branch line of the Atchison, Topeka and Santa Fe railroad between Great Bend and Scott City. This road goes thru an excellent farming district up the valley of Walnut creek and it is a community in which there is a decided interest in livestock. This is especially obvious at Ness City, which is rapidly becoming a most important livestock center—at least the herd owned by A. J. Erhart & Sons there holds the state record this year for the high average at a Poland China sale, 47 sows and gilts selling for an average of \$73.60 a head. In addition to this there is the big Hereford herd owned by W. I. Bowman & Co., and about a dozen other breeders of purebred stock. There is an excellent interest among the other farmers in grade stock—this is a good shipping point for butterfat to the Merritt-Schwier Creamery Co., at Great Bend. In speaking of the ideas which a new settler should have, J. C. Hopper of Ness City, who has been there since 1886—he stayed thru the dark days in the early nineties when most of the other men left—and who is interested in livestock very heavily, said:

"This is a livestock country, pure and simple. The most money has been made here by the livestock men, and this always will be the rule. A system of



Livestock in Ness County; There Has Been an Especially Good Development With Farm Animals, Alfalfa and the Sorghums in This Section.

wheat farming alone is uncertain to say the least, for there will be many years when the yields will be very low. The new settlers would do well to get started in some way, however small, with livestock just as soon as they can, and then expand their operations just as fast as possible, with their growth in experience and capital. With this should come considerable attention to the sorghums, which will produce at least some feed no matter how dry the season may be. Then, if there is a favorable site on the farm, it will pay to dam a draw, so there will be water available for the farm animals, and for irrigation, either direct or by subirrigation."

If there ever was any doubt as to the paramount place which livestock will take in Western Kansas it ought to have been removed by the record which has been made by the men from Ness City to Dighton. When a section this small can have the largest herd of Herefords in the state, in the Bowman herd; can break the state record for hog prices, with the Erhart herd; and can beat the world with jacks, with the herd owned by H. T. Hineman & Sons of Dighton, it indicates that it has a favorable adaptation for livestock farming. The Hineman herd, in the face of the hardest kind of competition, won the senior and grand champion awards on jacks at San Francisco. In other words the herd jack on this farm is the best jack in the world—and he was bred and raised in Kansas. The 11 animals which Mr. Hineman took to this show won 28 ribbons.

These examples of successful farmers are given to show the record which has been made by the leading men. They indicate that Western Kansas has a very good adaptation for livestock farming. The new settlers will not go very far wrong if they follow the example of the more successful men in the country to which they are going. This is a fundamental rule in the settling of any new country, and it is especially true in this good year of 1916 in Western Kansas.

Another thing of great importance is for the new settlers to get the "corn bug" out of their minds, and then to keep it out. It is true that good yields of corn were produced out as far as Scott City last fall on the uplands—many fields averaged as much as 50 or 60 bushels an acre, and there were parts of some fields that gave even higher

yields. This may not occur again for many years—settlers must always remember that the fundamental rule is that the grain sorghums will far outyield corn over a series of years in Western Kansas. There is but a very small place for corn in that section.

It is very important that alfalfa should be grown on all the bottom land that will produce it, or on the upland where water can be supplied. Frequently it will be possible to grow the crop in a small way along the draws by damming them up, which will allow the ground along the water that is backed up to be supplied by subsurface irrigation. When this is done come remarkable yields are produced, which will sometimes go higher than 1½ tons a cutting. When alfalfa is grown on the uplands with water supplied by irrigation from the underflow some amazing yields have been produced. This is especially true around Scott City where the soil seems to have a special adaptation for this crop. J. W. Lough near there has produced an average of 2 tons an acre for each of four cuttings in a season.

These results indicate the big place which alfalfa has in that country when it can get the water. The new settler needs to give the crop special attention because of the big need for a crop that will supply protein. The sorghums and the other crops he is likely to grow are high in carbohydrates, and if he has to buy all of the protein required to balance this in the form of concentrated feed it is rather expensive. Therefore all of the alfalfa possible should be grown.

If the new settlers come with the idea of basing their farming system on livestock and the drought resistant crops they will win, if they have the right sort of "pep" to stay with the proposition a few years. Most of them have this, and most of them are doing the right thing in moving. There is a bright future ahead for the right kind of men in Western Kansas, for a good success can be obtained there by the farmers who direct their efforts properly.

### Sweet Clover Seed Weights

Is there a legal weight for unhulled Sweet clover seed? H. R. Salina, Kan.

There has never been a legal weight established for unhulled Sweet clover seed, and unhulled seed should not be bought by the bushel, as the purchaser is not sure of what he will obtain.

The legal weight of hulled Sweet clover seed is 60 pounds to the bushel. We have never taken any accurate weights of unhulled Sweet clover seed, but this season we had about 30 measured bushels of unhulled seed which hulled out only about 15 measured bushels of hulled seed. Our experience, therefore, would indicate that 30 pounds is very close to the weight of a measured bushel of average unhulled seed. The weight, however, of such seed would be quite variable, due to the extent which the seed is hulled in threshing and to the completeness with which it is cleaned. L. E. Call, Kansas State Agricultural College.

I could not think of getting along without the Farmers Mail and Breeze. I have taken it for about 20 years and to me it has become a household necessity.—F. M. Draper, Selden, Kan.



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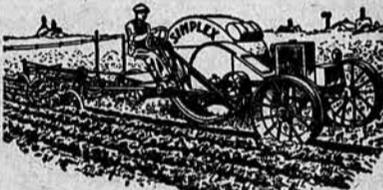
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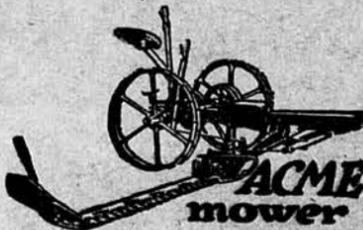
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## A Future for the Livestock

Kansas Cattlemen Had an Interesting Meeting at Hays

BY F. H. NICHOLS  
Field Editor

LIVESTOCK farming in the wheat belt of Kansas received a big boost Friday, April 7, at the annual "Round-up" at Hays. This was at the end of the winter feeding experiments. The feature of the tests was the work with breeding stock. The weather was not favorable for the meeting, so the attendance of the cattlemen who had expected to come in motor cars was not so large as it otherwise would have been. Another meeting therefore will be held April 20. All animals under the test will be continued on the same feeds they have been receiving.

The first experiment was with 100 2-year old Hereford heifers divided into five lots of 20 animals apiece. Maintenance thru the winter was desired rather than gain, and the main object of the experiment was to get the comparative values of the roughage commonly grown at Hays. Lot 5 received feterita silage and alfalfa; lot 2 got kafir silage and alfalfa; lot 3 was fed kafir stover and alfalfa; lot 1 received kafir stover and alfalfa also, but the animals were kept on the open range while lot 3 had some shelter in open pens; lot 4 got Sudan grass stover and kafir silage.

Especially good results were obtained from the lot that was fed kafir silage and alfalfa. These animals had an average weight of 928 pounds December 4 at the start of the test, and 120 days later, on March 31, this had been increased to 1032.8 pounds. In other words there was a gain of 104.8 pounds, or an average gain of .87 pound a day. The animals ate an average of 15.4 pounds of kafir silage, 13.8 pounds of alfalfa hay and 1.1 pounds of wheat straw a day. The cost of the feed for the 120 days was \$7.32 apiece. According to W. A. Cochel, professor of animal husbandry in the Kansas State Agricultural college, who had charge of the test, the system used with this lot is especially

efficient for average Western Kansas conditions. The animals had open sheds for shelter.

A comparison also was made with heifers to determine whether it pays to winter them especially well, with some concentrated feeds in addition to alfalfa hay and silage. This test will be continued for several years more, to determine the ultimate effect on these animals in becoming profitable cows. The 20 animals that received the best treatment had an average weight of 445.25 pounds at the start of the test, and they gained 225.3 pounds in 120 days, or an average of 1.88 pounds a day. The average daily ration consisted of 7.96 pounds of alfalfa hay, 8.72 pounds of silage, .56 pound of wheat straw, 4.64 pounds of corn and cob meal, and 1 pound of linseed meal. The average cost of the feed was \$11.43, or 9.5 cents a day. The other lot of 20 heifers weighed 445.72 pounds at the start, and the animals gained 110.4 pounds in the 120 days, or an average of .92 pound a day, or a little less than half the gain of the other lot. They received 9.12 pounds of alfalfa hay, 9.53 pounds of silage and .55 pound of wheat straw a day. The cost was \$4.73 for the 120 days, which was an average cost of 3.9 cents a day.

The third experiment was on the cost of growing mule colts. This test lasted 130 days, from November 26 to April 4, and it was made with 31 colts weaned at the start of the test. The average weight at this time was 545 pounds, and the weight at the close was 654 pounds, which gave a gain of 109 pounds in the 130 days. In addition to considerable roughage, which was fed as it was available, a good ration of various concentrated feeds also was given. The cost of the feed was \$203.80. In addition there was a labor charge of \$49.10, which made a total cost for the lot of \$252.90. This gave an average cost to the animal of \$8.15, or \$1.88 a month.

Sheets giving detailed data on all these tests were prepared by Professor Cochel, and they can be obtained by writing to him so long as the supply lasts. In addition, he expects to publish a bulletin giving the results of several years of cattle feeding at Hays and Manhattan.

In addition to these three tests considerable attention also was given to the other animals at the Hays station, and to the methods of feeding and farm management used. About \$50,000 worth of livestock is maintained on this station. This includes 500 head of beef cattle, 300 head of sheep, 300 head of hogs and about 110 horses and mules. A meeting was held by the cattlemen to discuss the marketing and production problems. M. L. McClure of Kansas City, president of the National Live Stock Exchange, presided. He spoke on the relation of banking to the cattle industry. He showed that cattle paper is in greater demand today than ever. The amount of money invested in this way is very large; about 85 million dollars a year goes out from Kansas City in loans to cattlemen.

R. W. Brown of Carrollton, Mo., secretary of the American Galloway Breeders' association, was on the program, but as he could not be present his paper was read by Professor Cochel. In this paper Mr. Brown showed the rapid progress which the breed is making in this state. Kansas is the leading Galloway state with about 20 per cent of the animals registered. It also has the largest purebred Galloway herd in the world, which is owned by E. J. Guilbert of Wallace.

A. E. de Ricqlès of Denver, Colo., president of the Denver Live Stock Exchange, told of the market situation. He showed that the livestock markets are being improperly controlled today by the packing interests. Mr. de Ricqlès told of 57 feeders in Iowa in 1915 who lost an average of \$19.28 a head on the animals they fed, and showed that at the same time there were abnormally large profits made by the packers. He urged that the cattlemen should make a careful study of the markets and try to get the people aroused over the market situation.

Professor Cochel made a most interesting address on the feeding tests, in which he told of the vital principles which were brought out. He showed that livestock is necessary on every farm in Kansas to supply a market for roughage that otherwise would be wasted. If the roughage used on the Hays station last year had been sold but a very small price could have been obtained for it.

In this address Professor Cochel showed that the college has made money every year on the cattle that has been fed right at a time when big losses have been the rule. Even in 1915, when the 57 Iowa feeders mentioned by Mr. de Ricqlès lost an average of \$19.38 a head on the animals fed, the college made a profit of more than \$1 a head. This profit has been made by keeping up with the times—by making a constant study of the market needs and prices of both livestock and feeds. Baby beef was produced in 1915.

It is quite evident that more of an effort with cattle production will pay in Kansas. Professor Cochel showed that a cow can be kept for \$25 a year, and on some places for less, and that even including the cows that fail to breed the calves will cost not more than \$30 a head at weaning time. This is for good cows such as are kept by the Kansas station and a great many of the leading cattlemen of the state. The price of the calves in the last two years has been high enough to give a considerable profit on this cost.

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# A Clean House for the Hens

Vermin Will Not Make Much Progress at Jayhawker Farm

BY HARLEY HATCH

I USED to hear it said 20 years ago in Northern Nebraska that if we could get a good snowfall on the oats after they were sown we would be pretty sure of a crop. If the same rule holds good down here oats should make a crop this season as some 4 or 5 inches of snow fell on the newly sown grain during the last week.

If any locality was in need of moisture they would have welcomed the storm which visited us March 26. It was about the wettest storm I ever saw and even the heavy blanket of snow which fell for an hour or so seemed half water. The weather station at the county seat reports 2 inches of moisture and that amount, coming on fields still damp, shut off plowing for the entire week. We have moisture enough on hand to last for the next three weeks and from present appearances may get still more.

We had promised to deliver two loads of hogs in Gridley on the Monday following the storm, but the trip was not as bad as it seemed it might be. It is true the roads were afloat but the mud was not deep and it was thin. By the next afternoon the mud had begun to dry, and when our soil is in that condition it sticks closer than a candidate to a doubtful voter. Two big cars of hogs were shipped from Gridley that day and several farmers were hauling hay to fill out cars. As a result, when we started home we found the roads in many places cut down almost to the hub but the ruts were full of water hence the wagons did not pull so hard as one would think.

We received \$9 a hundred for the hogs which is the highest price we have received since 1910 when we sold some for even \$10. Of course the hogs we sold made us some money, which was an agreeable surprise, as last winter we had made up our minds to be satisfied with \$7 a hundred and at one time it looked as tho we would not get that.

For the last three years we have followed the plan of having the sows farrow late and by so doing have had the bulk of the young hogs to sell some time in March. For several years the winter months have been months of low prices and in the last three years we have at no time received less than \$1 a hundred more by later marketing and this year it was a full \$2 more.

There has been a marked decline in grain prices during the last 30 days. Most of the corn now being sold here



Spraying the Hen House.

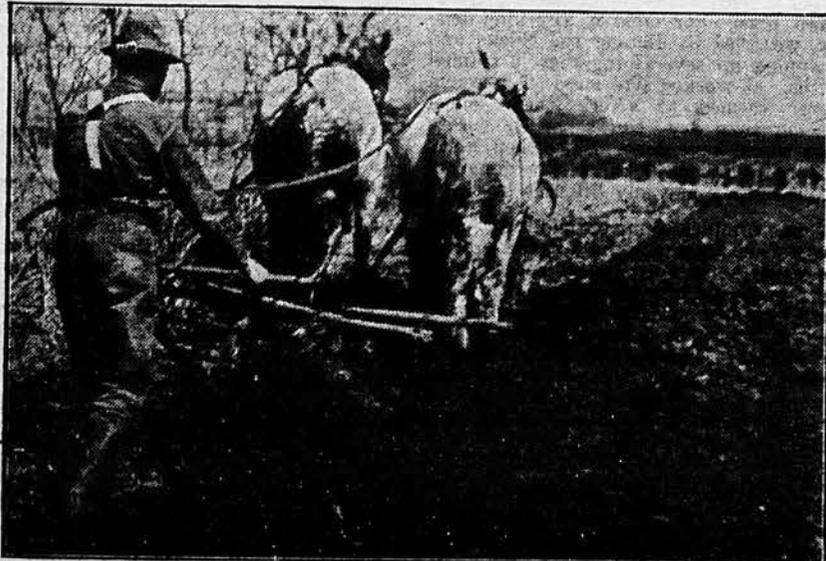
brings 70 cents a bushel which is a fall in price of about 5 cents. During January and February a scarcity of cars held back the corn in Northern Kansas and Southern Nebraska but since corn has begun to move from the farms of that region we get the benefit in reduced prices. Oats of fair feeding quality sell from the car here for 46 cents a bushel. A car of fine quality kafir was unloaded here last week for 55 cents a bushel, which makes it the cheapest feed one can buy.

Most farmers who are feeding kafir to their horses grind it and mix it with wheat bran. This makes good feed, for the bran balances the kafir and lightens it up. Horses relish this feed, too. Bran can be bought here off the car for between 90 cents and \$1 a hundred, which makes it even cheaper than oats to mix with ground corn or kafir. But when I say it is cheaper I don't wish to go on record as saying it is better; I don't think there is any grain feed on earth so good for horses as oats. If a man has plenty of cracked corn to mix with oats, half and half, it will have to be conceded that his horses are lucky.

We fed the last of the corn fodder to the cattle April 1. For some days we had been going light on it because we had much more alfalfa hay than we had corn fodder. The cattle like variety and soon came to look anxiously for their fodder while they regarded the hay wagon with indifference. The alfalfa which we have been feeding of late is good, too, being put up without rain and having all its leaves. So yesterday we traded some of the hay with a man who had none for some corn fodder of which he had plenty. I think that both his cattle and ours will be glad of the trade.

Last spring the tongue of the corn planter just about played out. It had always been kept under cover when not in use but being made of pine it cracked at the end next to the machine and so would no longer hold the planter runners clear from the ground. During the recent wet weather when we were doing odd jobs we made a new tongue and now have it ready to put in whenever the planter is run out. We visited the hardware store to buy a new pole but were told there that the price of a machine made pole was \$2.50 with freight added to that. So we went to the lumber yard and found a 4 by 4 stick of straight grained yellow pine

(Continued on Page 18.)



Plowing the Truck Patch; the Vegetables are Raised in Long Rows, to Reduce the Labor as Much as Possible.



ED. H. WITTE

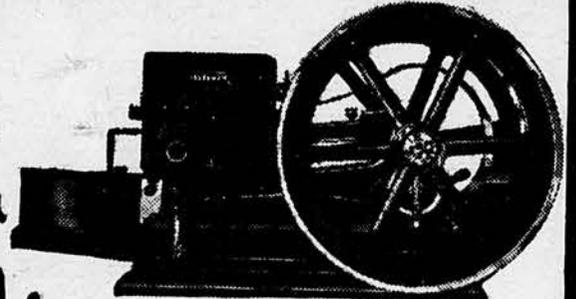
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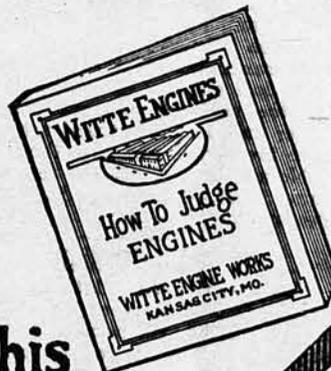
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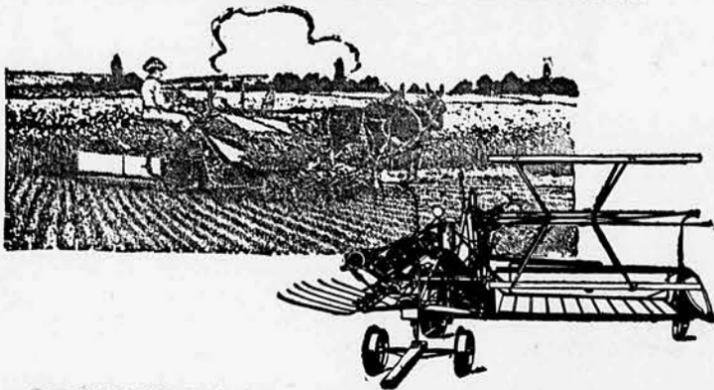
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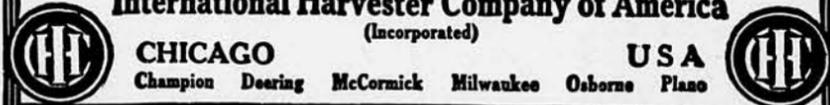
**KNOWING** the conditions in your harvest fields as well as you do, it will be an easy matter for you to pick out the right grain binder for your work. Note the details of construction—How is the main frame built? Is the main wheel large enough and wide enough to give plenty of traction? Is there a simple means provided for quickly and easily taking the strain off the canvas at night, or when the binder is out of use? Are ball and roller bearings provided to lighten the draft? Will the elevator take care of both light and heavy stands of grain? Is the knottor simple and sure in action? These are the things that count.

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The right feed will save more little chicks—bring them safely through the first two weeks of their tiny downy existence. Beware of the feeds that are just made to sell. Play safe this year. Save more of your little chicks by demanding and getting

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## Preventing White Diarrhea

To prevent White Diarrhea, treatment should begin as soon as chicks are hatched—giving intestinal antiseptics to destroy the germ. Not infrequently we see rank poisons recommended, such as Mercuric Chloride and Antimony Arsenite. The use of such remedies should not be encouraged, as the average person has little knowledge of their dangerous nature. The use of poisonous drugs is entirely unnecessary, for there are safe remedies that will destroy the germ, yet are not injurious to the chick.—Advt.

## White Diarrhea

Dear Sir: I see reports of so many losing their little chicks with White Diarrhea, so thought I would tell my experience. I used to lose a great many from this cause, tried many remedies and was about discouraged. As a last resort, I sent to the Walker Remedy Co., L-8, Waterloo, Iowa, (formerly located at Lamoni, Ia.), for their Walko White Diarrhea Remedy. I used two 50c packages, raised 300 White Wyandottes and never lost one or had one sick after giving the medicine and my chickens are larger and healthier than ever before. I have found this company thoroughly reliable and always get the remedy by return mail.—Mrs. C. M. Bradshaw, Beaconsfield, Ia.—Advt.

## Don't Wait

Don't wait until White Diarrhea gets half or two-thirds your chicks. Don't let it get started. Be prepared. Write today. Let us prove to you that Walko will prevent White Diarrhea. Send for 50c box on our guarantee—your money back if not satisfied. We were formerly located at Lamoni, Iowa, and parties recommending our remedies in the papers sometimes give our former address. To avoid any mistake or delay when ordering Walko White Diarrhea Remedy and Chick- tonic, be particular to address, Walker Remedy Co., L-8, Waterloo, Iowa.—Advt.

# Overworking the Egg Money

Farm and Household Expenses Should Come from One General Fund

BY MRS. C. F. THOMPSON  
Jefferson County

**T**HE postmaster at Kansas City has sent circular letters to all postoffices within 50 miles suggesting that farmers who have produce they desire to market by parcel post should send him a list of the same. The reports will be tabulated and the list made ready for city consumers. We should like to try parcel post marketing of eggs when the hatching season is ended. It long has been our custom to slaughter or ship all roosters in May. As the eggs are carefully collected and stored, they are first class. So far, we've had only our own satisfaction for a reward. There is but one price at the local grocery and that is about 6 cents under the city wholesale price in summer. It is based on the certainty that several dozen eggs in every case will be candled out by the commission firms.



haps he sees the feminine handwriting the more often.

The main reason we do not like to depend upon any one line of produce is the belief we have that it pays on a farm and in a farm household to buy in quantities and not in small packages or amounts. Added to this is the saving of buying out of season things one is certain to need and the convenience of having the necessities on hand when busy days prevent frequent trips to town.

The objection most of our friends have found to parcel post selling on a large scale is the difficulty of collecting bills. Some one has said that the parcel post has "tied the cow to the city door step and put the hen in the hotel kitchen." It has been well added that the same system should devise some means of "putting the buyer's check in the farmer's mailbox."

Shipping eggs for hatching has been more satisfactory when done by express. We have tried candy pails, boxes, and baskets for the express shipments. The bushel basket for 100-egg orders and the so-called market basket for lesser ones seem as good containers as any. Every egg is wrapped in paper, then placed in the regular crating used for delivery to local stores. The layers are kept apart by excelsior or hay, which is used also as a packing for the sides. We used to sew a muslin cover on market baskets, drawing needle and cord between the two splint bands around the top. We've been saved much time by a suggestion that we read. Instead of sewing the cloth cover, it is pushed up between the two bands with a knife blade and a few brads or tacks driven in to make it doubly secure.

Success with chickens depends not so much on how many are hatched as upon what percentage is raised. The cold rains we have had recently found many early hatched chicks ready prey. An accident rather than acute reasoning once placed us in possession of what we consider the very best way to save the life of a chilled, wet chick. There were so many soaked at one time that we simply could not wrap them separately or place them in the oven. A pan of very warm water on the range prompted the Man of the House to suggest dipping the chicks as he had dipped small pigs. For lack of anything better, we tried it, dipping the chicks and wrapping up several together in flannel cloths. It worked like magic. The warm water seemed to affect them much quicker than dry cloths or moderate heat would have done. Since then, we've restored young chicks so far gone we doubted they had any life left in them.

Some families count on making the returns from eggs pay for all the groceries used; some even expect the sales of eggs and chickens to pay all the running expenses of the house. We have known women in a number of instances to put off buying something much needed in the home because the egg supply was short, even tho there was a checking account in the bank or some other means at hand that could have been used. Relying upon the one source for keeping up expenditures does not seem good management. We like to keep an account of what the chickens furnish, what the cream checks amount to, and the like, but we check on the general fund for anything that's needed. The banker knows two signatures; per-

It is not so advisable in the South to buy some things in bulk for there seem to be pests for everything from corn meal and graham flour to rice and salted meats. We think it generally pays here and in the North to buy flour by the barrel or 500 pounds—exercising a little judgment as to the time to purchase. We paid less than \$1.45 a sack for a 4-sack barrel of flour. The present local price is \$1.65. Sugar by the 100 pounds cost us \$5.48. We bought enough earlier in the year for summer canning. Had we waited until now, the price at the local grocery would be \$7.65 a hundred pounds or \$8.33 if we chose to buy 25 cents' worth at a time. What the price of sugar will be when the summer fruit is ready to can, we can only guess.

Kerosene by the gallon is 10 cents. Buying in 5-gallon lots, the charge is 9 cents a gallon. We average more than 5 gallons a week when using the incubator and oil stove, and often the need of oil has meant an extra trip to town. A storage barrel of 55 gallons capacity was bought for \$3. We had it filled from the oil wagon last week at a cost of 7 1/4 cents a gallon. That means \$1.04 on every barrel purchased and we have the oil on hand. The price from the wagon in other seasons has been less than 6 cents.

The articles I have mentioned are every day necessities. What is true in buying them is equally true of many less needed articles, macaroni for example. We use a good deal of macaroni in canning and making soups. Should we buy it in one-pound packages, it would cost 10 cents a pound. A 10-pound bulk package costs 54 cents, and 46 cents are saved. Crackers by the pound are 10 cents, but a box of 15 or 20 pounds may be bought for 6 cents a pound—60 or 80 cents less than buying in small lots. Thread is 5 cents a spool. During the January linen sales, one may buy a dozen spools for 38 cents, and save a dollar or more at the same time by purchasing muslin by the 20-yard bolt. There doubtless are many other instances of saving that could be sighted. These are taken from my own account book for January, February and March of this year.

## Give Hens Plenty of Nests

A soiled or washed egg decays much sooner than one which never has been dirty and for that reason the chicken houses and yards should be kept in a clean and sanitary condition, points out Ross M. Sherwood, of the Kansas State Agricultural college.

"One nest should be provided for every five or six hens," says Sherwood. "This is important because when only a few hens have to lay in a nest there will be fewer dirty eggs. The location of the nests is important. They should be where the hens will use them and in places where the eggs may be gathered conveniently. When the nests contain plenty of nesting material there are fewer broken and dirty eggs produced."

This year will establish a record for the number of messages sent over Swedish telegraph lines.

# Why pay Tire Bills for Others—— ——i. e., for RECKLESS Drivers



**T**HIS to the American who hates to be "the Goat"! Tires CAN be sold on a "BUSINESS" basis, with sufficient profit to both Manufacturer and Dealer, as *Goodrich* experience proves.

But, they can *also* be sold on a PREMIUM basis, whereby the "Safe and Sane" Car-Owner pays for the Speeding Propensities, and Careless Driving, of Others who, leaning upon an extravagant "Guarantee," knowingly burn up Tires in half their natural Life and Mileage.

Speed-Maniacs and Careless-Drivers may very PROPERLY pay the Premium over normal Value (which is really an Insurance Premium), on fancy-priced Tires.

Because, the Premium they pay may be less than half what other Careful Car-Owners indirectly contribute for them, when buying the same brand of Premium-priced Tires, and using them so reasonably that practically no "adjustments" are, in their case, demanded, though paid for in the Premiumed Price.

**A**MERICANS who want their money's worth,—who dislike to pay for the Reckless-driving extravagance of Others,—in the price of their own Tires, should sit up and take notice of following FACTS:—

The current Goodrich "Fair-List" price on Tires, is based upon what it costs the largest, and best equipped, Rubber Factory in America to produce them.

No "Insurance" Premium added to the NORMAL retail price of *Goodrich* Tires, in order to protect the Reckless Driver at the expense of the Careful Driver, through a fancy List Price which is high enough to absorb that Premium.

The excess Mileage each Goodrich Tire is reasonably certain to deliver, when given reasonable care in driving, thus becomes clear "Velvet" to the Owner of GOODRICH Tires.

Money can't make, and can't buy, better Tires of Fabric construction, than *Goodrich* Safety-Tread Tires, as Test will prove.

And, money can't buy the B. F. Goodrich Co. to produce Tires which would discredit the 269 other lines of Rubber Goods made by the B. F. Goodrich Co., for which its name stands Sponsor.

**C**OMPARE prices on Goodrich "Fair-List" Tires with present prices on any other responsible Tires in the field bearing in mind that NO "LARGER-SIZED" Tires (type for type and size for size) than *Goodrich* Black-Treads, are made in America.

Then, Test out at least ONE pair of *Goodrich* black-tread Tires, on their per-DELIVERED-Mile cost to you, against any other Tires in the field, at any price, and,—abide by the Result.

Why (if YOU are not a Reckless Driver) should YOU pay MORE than the "BUSINESS" price of the *Goodrich* Tire, for ANY Fabric Tire in the field?

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34 x 4	Safety Tread.....	\$22.40
36 x 4½	"Fair-List".....	\$31.60
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## There are Five White Hopes

Chester White and O. I. C. Swine Breeders Get Together

BY JOHN F. CASE  
Contest Manager

IT'S A DEAD heat in the Duroc-Jersey breed association election for president. Homer Godding and Clarence Musgrove had received an equal number of votes when the time limit expired, so I decided to send another letter to the Duroc breeders who had failed to respond, asking them to decide the contest. Just as soon as the matter is settled the name of the winner will be announced. It was a real race.

For secretary, Elmer Jones has won over Francis Wilkinson. No boy will be a stronger booster for the success of the club than Francis. Both boys were top-notchers among the live wire members of the Capper Pig Club. I shall not go into detail in telling about the new secretary until the presidency is decided. But he's a boy that knows the swine business and knows how to write about his favorite breed. Enough said.

Candidates for official positions in the Poland China breed club have just been placed in nomination. Like the boys who breed Durocs there is little to choose between them. I look for a close race. Remember, boys, that the nice things said about the candidates in my letter to you was my language, not theirs. One Duroc breeder accused a candidate of boasting. Our boys aren't that kind. And now let's talk about another breed association.

Chester White swine are admittedly one of the greatest breeds. Hardy and prolific this breed of hogs has proved a veritable "white hope" to many a mortgage ridden farmer. And so altho few members of the Capper Pig Club are breeding O. I. C. and Chester White swine I feel sure they will make good records. That they will have little trouble in disposing of breeding stock also is assured. There's a demand for white pigs of quality.

In choosing a boy for president of this branch of our club I have selected Fred Coleman, 13-year-old representative from Mont Ida, Anderson county. Fred is in the 8th grade; writes better than many a boy of 18, and he's the right kind of a booster. He paid \$25 for his sow, and this is what he had to say about progress in the contest: "I intended to write to you sooner than March 27, but my sow has been taking about all of my attention. She was due to farrow March 23 but put it off until March 25. I had her in a pen about 20 by 30 feet with a hay shed across one end. The pen was bedded with sawdust, but that did not seem to satisfy her. She kept pulling hay out of the shed. The day she farrowed it was rainy and cold, and the next day it was worse. She had seven fine pigs and they are all alive and well. The second day she laid on one pig and hurt it so badly we kept it in the house all day and put it back with her at night. It seems to be as well as the rest now."

Fred should make several times the original \$25 investment if he can mature this fine litter. I'm sure they will receive the right kind of feed and care. For secretary we have Louis Kahle, 16-year-old O. I. C. booster representing Wabunsee county. Louis gets mail at Alta Vista. He is in the 9th grade, enthusiastic over the Capper club and the breed association and will make an official that his fellow breeders will be proud of. Louis only paid \$15 for his sow but she brought him eight fine pigs March 8. That's mighty good for a gilt.

Sylvan Smith, 13, Moran, Allen county, is one of the O. I. C. breeders, but he hasn't reported any pigs. Sylvan's gilt was small when purchased and likely the litter will be late. But it's a long time until the contest ends next November.

Victor Raichart, 12, Bird City, Cheyenne county, has the distinction of owning the highest priced sow in the contest. He paid \$65 for his O. I. C. gilt and she just arrived at the Raichart farm a few days ago. Victor is justly proud of his contest entry as she comes from a famous strain. He didn't tell me what the express charges were but it's a long way to Ohio, and probably they were plenty large. All of us will hope that Victor has good luck and finds his investment a profitable one. Members will look forward with interest to seeing a picture of Victor and his white beauty.



Clarence Utz and Smuggler.

Hugh Deaver of Brown county entered the contest with a Chester White sow but met with misfortune and decided to drop out. Trouble began when the sow farrowed in very cold weather and lost all her pigs. Then another sow devalued some lambs belonging to Mr. Deaver and he decided that hogs and sheep wouldn't prove a profitable combination. So Hugh sold his sow and invested in sheep. I'm very sorry to lose this Brown county, chap as he was a real hustler, but we hope soon to line up another boy for the club. Hugh is the only member who has found it necessary to withdraw.

Another member who has chosen the Chester White is Ellis Sparks, 13, Bison, Rush county. Ellis was one of the members who came in late, tho, and he has not yet purchased his sow. But we shall expect him to be in line in the near future.

What is the difference between the O. I. C. and the Chester White, anyway? I'd been expecting that question. We will just wait and let the president or secretary of the breed club tell you. That's part of the job.

### We Have With Us.

Clarence Utz, 13, Plains, Meade county, may object to being introduced while we are holding a meeting of Chester White breeders, for Clarence is so strong for the big blacks that he almost talks "Polander." He paid \$40 for Smuggler and here's what he has to say about her: "Smuggler found six pigs April 2, losing one. I can tell you they are dandies, and I certainly am proud of them. And so is Smuggler. Papa was away from home when the pigs came and he will be surprised. He said I would go up to the pen some morning and find pigs, and I did. I can tell you those red boys just can't beat us, even if they do get large litters. Anyway we will see when the contest ends."

Hop to it Clarence! If you can beat the other fellows the money is yours. Anyway I'll wager you will be found trying.

Every boy who has not reported his litter to me should do so. As soon as all the pigs arrive I wish to report the total number of porkers in our contest. One boy says, "I should like to meet all the club members and see all the sows and pigs together in one pen. It would be some sight, wouldn't it?" I rather guess it would be "some sight." And it would take "some pen" to hold almost a thousand hogs. It would be a fine thing if we could get the club members together. Well, perhaps we will. The contest manager may have something up his sleeve. Keep your eyes open.

It's time to begin keeping pasture records. If your sow is on pasture begin keeping account. Don't be too sparing with the grain feed after the pigs begin to crack corn. Remember that we are out to make records in pork production. No matter how good the pasture may be it must be supplemented with grain for the best results.

Write for Book Today

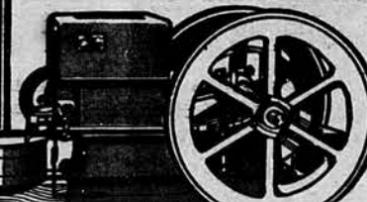
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are built of selected high-grade materials only. The construction is simple, the engines are practically frictionless, consequently less wear of parts. No fuel can be used on the idle strokes and every engine is automatically a fuel saver. MECO engines are easy to understand, easy to operate, durable in every part. To show you how good they are, we will make it possible for you to prove every claim we make through personal use.

### Retail Prices:

(F. O. B. Factory)

SIZE	STATIONARY	PORTABLE
2 H-P.	\$ 35.10	\$ 40.15
3 H-P.	52.65	60.75
4 H-P.	70.20	83.35
6 H-P.	100.00	130.00
8 H-P.	140.40	176.80
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**ENGINE SAW-RIGS**

4 H-P.	\$128.25	8 H-P.	\$205.00
6 H-P.	155.90	12 H-P.	272.50

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If your dealer cannot supply you, write us, giving dealer's name, and we will send full information, and tell you how to get an engine for trial. Catalog to select from, sent free.

**MANUFACTURERS ENGINE CO.**  
1690 Crystal Ave.,  
Kansas City, Mo.

# Those Bills—Tires, Gas, Oil

## Schemes of a Car Owner Which Help to Reduce Expenses

BY TOM BLACKBURN



that wheel work the tire around, taking it from the right rear to the left rear, thence to the right front and finally to the left front."

A convenient way of telling which of your tires is the best, is to keep books on them. When a tire is shifted or repaired it is easy to mark down the number in the speedometer beside the entry. By subtraction you can find what mileage every tire gave in its particular position. Here is the life of a tire as marked down in one owner's book:

**Tire Book.**  
 Bought April 15, \$40.50.  
 June 7, placed on right rear wheel at 8,170 (speedometer).  
 July 20, off right rear at 9,890, run 1,720 miles.  
 September 6 on left rear at 11,144.  
 October 25, off left rear at 12,850, run 1,706 miles.  
 November 1, on left front at 13,638.  
 February 3, off left front at 17,243.  
 April 8, on left front at 19,557.  
 April 15, off left front at 19,855, run 298. Tire blew up.  
 Total, 7,329 miles.

**N**OTHING gives a motor car owner a more severe pain than to have his motor car incessantly gnawing at the vitals of his pocketbook. Every man, whether of moderate means or a millionaire, wants to operate his automobile as economically as possible. There are three chief accessories to watch—tires, gasoline, and lubricants.

Here is the general scheme of operation followed by an automobile owner who has driven 68,000 miles without the slightest accident to himself or others, without an arrest for speeding, and a maximum service on tires, gasoline, and lubricants.

He averages about 1,000 miles a month and his bills run approximately \$30 a month. Added to this is an average of \$11.18 a month for tires. Last year his tire bill was \$133.94 and the year before \$166.68. The tires are 34 by 4 1/2 measure. This owner has driven automobiles for years over bad roads and thru difficult mountain passes.

Like any other owner he wants to keep his automobile in excellent running order all the time and does so by the observance of a few simple rules that can be applied to any motor car whether the lowest priced or the most expensive.

"I go on the assumption that every automobile is turned out of the factory in perfect running order," said the owner. "If something goes wrong I figure that it is likely my fault and not that of the car. There are three principal things to watch, tires, gasoline, and lubricating oil.

"There is no such thing as a bargain tire. You cannot judge by appearance. The proof of the pudding is the eating, just as the criterion of the tire is in its wearing ability. It is best to buy a high priced standard article of a reliable company which they could not sell if it was not worth the money.

"Tires, probably, give the owner the greatest concern. I have tried every suggestion on buying them, and find it is an absolute waste of time and money to look for bargains in tires. There isn't any such thing. The average good standard make of tire lasts me a year and more. When new a tire can stand the hardest wear. With this always in mind, start your new tire in service on the right rear wheel, even if you have to change another to do so. This wheel does the hardest work on the car, because it is a driving wheel, is always on the repressed side of the roadway and has the greatest weight on it. From

"That record gives me a comparison all thru the life of the tire with other makes," said the owner. "I can also watch the general performance of the tires. I find one tire that gave a solid mileage of 7,210 miles on the right rear before its first removal and of another tire that started on the right rear, ran 2,000 miles and then was put on the left front wheel, where it completed a run of 10,466 miles without a single puncture or removal from the rim. When it finally blew I tried another tube in it with a blowout patch, but got only 10 miles more.

"There are many considerations to take into account in the matter of tires besides their own construction. Every one knows that it is silly and very grinding on tires to speed around corners, jam on brakes or stop suddenly. But after eliminating these things a man can save more when he is running out in the free country. He can distribute his load more evenly and take a weight off the right tires by travelling along the center of the roadway, slightly to the left side of the road, until he sees a car coming from the opposite direction. He will also save many punctures if he will occasionally probe with the end of a key or knife into the fine cuts on the tire tread, looking for particles of glass that may have been forced into the rubber.

"Gasoline is becoming more expensive every day, but even this bill may be held down if a man observes the varying weather and adjusts his carburetor according to the amount of moisture in the air. There are varying grades of gasoline to be bought along the roadway and a man can tell easily how his gasoline mileage is going. Take your mileage every time you fill the gasoline tank, subtract the old figure and you can compute easily how many miles you are getting to the gallon. Patronize the place that gives you the most mileage.

"Lubrication is the third feature of an automobile's life and it should be watched on a very definite system. Determine on some mileage figure for regular inspection, according to the service

(Continued on Page 27.)



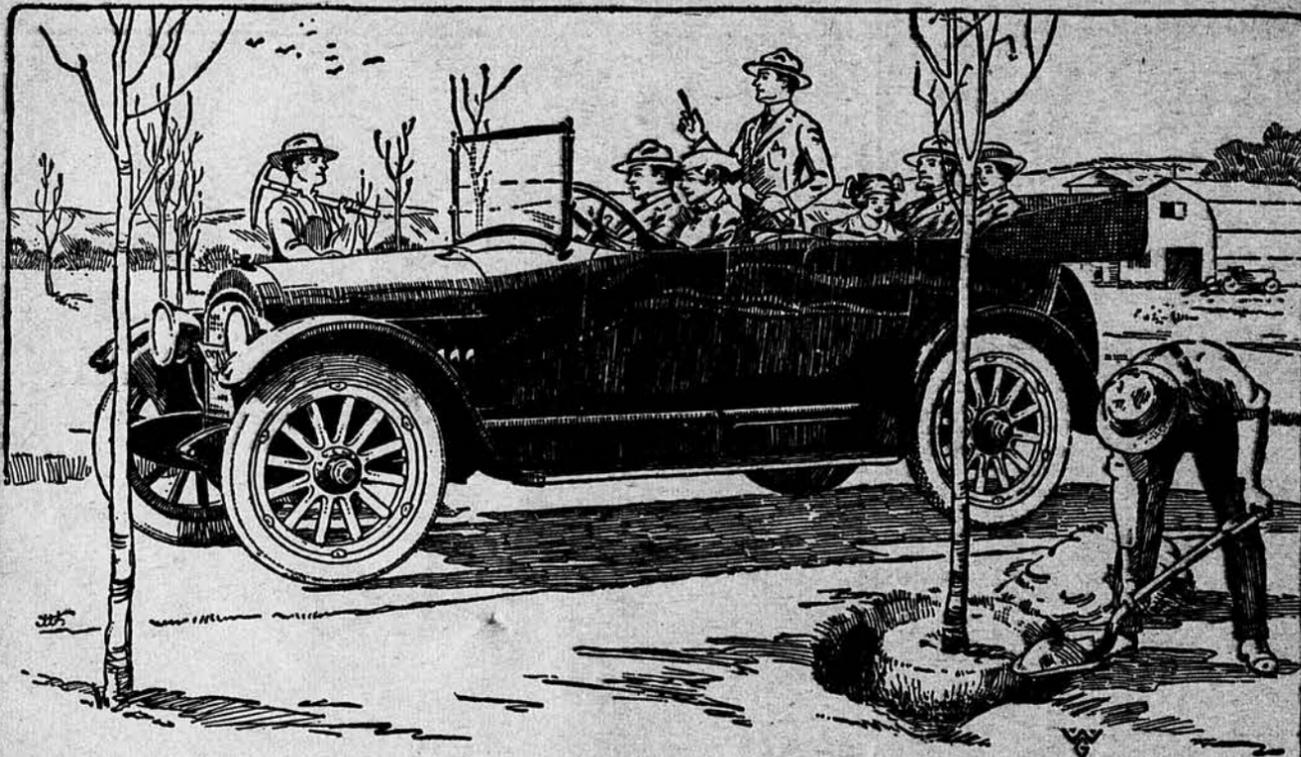
## Why Goodyear Tires Cost Less in the End

- One reason for Goodyear leadership and for the growth of Goodyear sales is this:
- Buyers have found that the tire of lower price is not necessarily the tire of lowest cost.
- Price is what you pay for the tire when new. Cost includes the price, plus the mileage you do not get—and in addition all you have to spend to keep the tire in service.
- Service and mileage, with the least trouble and expense, are the things that all men seek in tires.
- Let us see, now, what Goodyear gives.
- You get, to begin with, Goodyear quality—the highest that is put into tires today.
- The toughest, longest-wearing, springiest rubber our scientists can compound.
- The strongest, most resilient fabric we can weave in our own mills, and buy, on our own specifications, from the best outside mills.
- In addition, we fortify you against five main causes of tire trouble and premature tire destruction.
- Goodyear No-Hook Tires protect you against rim-cutting.
- The risk of blow-outs is lessened by our On-Air cure, which keeps the fabric from wrinkling or buckling in the final vulcanizing process.
- The multiple braided piano wires in the tire base guard against insecurity and tube pinching, holding the tire flat and firm on the rim at all times.
- Our rubber rivets literally weld tread to carcass and form effective protection against loose treads.
- Being double thick, the All-Weather tread reduces the liability of puncture. The sharp, square-edged blocks tend to prevent skidding and give traction on a slippery road.
- The tire buyers on America's farms have learned that true economy in tires, as in everything else, is a matter of service, not price; and that Goodyear Tires do give better service and do cost less in the end.

Goodyear Tires, Tubes and Accessories are easy to get from Goodyear Service Station Dealers everywhere.

The Goodyear Tire & Rubber Company  
Akron, Ohio





# KING EIGHT CYLINDER

Every dollar planted in this big powerful Eight will return many miles of matchless riding satisfaction

Here is a printed "demonstration" which the local King dealer can make a fact

**FLEXIBILITY—INSTANT "GET-AWAY"**

With seven passengers can be throttled down on "high" to two miles per hour. At this "creep" one can walk alongside, raise hood and examine engine. Small bore long stroke cylinders with extra large valve ratio, combined with a perfectly balanced crankshaft and fly-wheel, explain this extraordinary performance. A touch upon the accelerator and the car is away at a racing speed.

**ACCELERATION—HIGH SPEED**

From two to sixty miles an hour without gear changing, vibration, or noise. We believe the King gathers speed with greater rapidity than any other car on the market and all accelerometer tests support this opinion. Eight cylinders, aluminum pistons and large valves help make this possible. Engine gives nearly 3000 R.P.M.

**HILL CLIMBING ON "HIGH"**

An unperfected experimental car of this model ascended the famous three-mile twisting hill of Uniontown, Pa., on "high" with

six passengers, average weight 176 lbs. Slowed down to 5 miles per hour and accelerated to 35 on steepest part of grade. With two passengers made these three miles in four minutes and forty-one seconds with full touring equipment. Starting from Denver in "high" climbed Lookout Mountain and Genesee Peak, Colorado, without once shifting gears or slipping clutch.

**EASE OF OPERATION—COMFORT**

The ideal car for women who drive because of little gear shifting—and that little made easy. Steers without effort. Long Cantilever springs of King design give all-day trips an "easy-chair" comfort.

**ECONOMY—LONGEVITY**

The constant flow of power given by the high-speed eight cylinder King engine permits the use of light reciprocating parts which reduce friction and vibration to a minimum. This results in a most remarkable economy of fuel, oil, tires and repairs and spells a long, efficient life for the car.

"Challenger" Model E, 60 H.-P., Seven-passenger, \$1350

Roadster, \$1350 - - - Sedan "All-weather" Car, \$1900 - - - Send for catalog and name of nearest dealer

**KING MOTOR CAR COMPANY :: DETROIT**

THE GOOD JUDGE IS GLAD TO DO HIS FELLOWMEN A FAVOR

THE CONVENTION GIVES YOU A VOTE OF THANKS, JUDGE, FOR MAKING KNOWN THE REAL TOBACCO CHEW.

IT WOULD BE A SELFISH MAN INDEED WHO WOULD KEEP TO HIMSELF GOOD NEWS LIKE THAT



ONCE it gets started every man on the job is soon using W-B CUT Chewing—the long shred Real Tobacco Chew. Each man has his friends—and so the circle widens.

The Real Tobacco Chew earns that best of all praise—the quiet word from friend to friend. The taste is fine and it lasts and satisfies.

"Notice how the salt brings out the rich tobacco taste"

Made by WEYMAN-BRUTON COMPANY, 50 Union Square, New York City

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 Made Easy—Bigger crops—better farms with  
 Farm Ditcher & Road Grader  
 10 days trial. Money-back guarantee. Cuts ditch to 4 ft. Grades roads. All Steel—Practical—Adjustable—Reversible. Cleans ditches, cuts and works out dirt at same time. Does work of big machines. Soon pays for itself. Write for free booklet and introductory proposition. Owensboro Ditcher & Grader Co., Inc. Box 274, Owensboro, Ky.

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 at a small cost by using our Attachable outfit. FITS ANY BICYCLE. Easily attached. No special tools required. Write today for bargain list and free book describing the SHAW Bicycle Motor Attachment. Motorcycles, all makes, new and second hand, 25 and up.  
**SHAW MANUFACTURING CO.**  
 Dept. F. Galveston, Texas.

**BEE SUPPLIES**  
 Full line of everything needed. Write for new 1916 catalog. Cleanest Bee Supply Co., 287 Grand Avenue, Kansas City, Mo.

**Baseball Suit FREE**  
 Boys this is your chance to get a regular baseball suit free and postpaid. The suit consists of a cap, shirt, pants and belt. The suit is made of good quality of grey flannel, blue trimmings and belt with nickel buckle and regulation baseball cap. This is a ritz baseball suit and of course you will want one.  
**Our Free Offer**—Send us your name and we will send you full particulars as to how you can get this handy suit without a cent of cost to you. Send us your name and address today.  
**THE HOUSEHOLD, Dept. BB, TOPEKA, KANSAS**

**A Clean House for the Hens**

(Continued from Page 13.)

which we worked down into a fine pole. It is as good as the original one and cost but 48 cents and our work, which as all know, counts for nothing. A farmer's time is counted as being worth no more than that of a sitting hen in a wet week like this.

The apricot trees are in bloom but there has not a peach bud started that I can find. Probably that 12 degrees below weather in January is responsible for the killed peach buds but if it did no more harm than that I can easily forget it. While I like good, sweet peaches off the tree I do not care for the canned article. The lack of peaches this year will save much hot weather work for the farm women especially for those who like to count their quarts of canned fruit by the hundred. When the canning season is drawing to a close we began to hear over the phone of some woman with 400, 500 or 600 quarts of canned fruit as the result of her labors and this sets the women with nearly as much on edge to beat her. Then there is more warm work until another 100 or so more cans are full. As the peach is the mainstay of farm canning it is not likely we shall hear of so many full cellar shelves this fall.

After the spraying our henhouse got last week it was as white as one ever sees that kind of a house. One man who looked into it the next day after it was sprayed said, "My, but that looks awful sanitary in there!" If a strong smell of fresh lime and a dead white color make for sanitation our henhouse was certainly "awful sanitary" for a few days. We found that to keep the pump from becoming clogged that the slaked lime had to be strained thru a pretty fine screen. We first slaked the lime and then mixed it with water until about the consistency of thin cream. It is then strained thru wire window screen doubled. When used it is mixed with water until it will flow freely thru the pump. The pump does a much better and quicker job than can be done with a brush. If mites were present kerosene could be mixed with the lime spray and a thoro job of insect killing done.

All the early garden is planted and some of it is coming up. After our experience with the floods of last year we plowed the garden in lands throwing them up well with a dead furrow to carry off the water every 25 furrows or so. South of a building which we intend to use for a blacksmith shop we have made a sort of hot-bed large enough to raise what lettuce and radishes two families will use. These two vegetables were sown some time ago and both are already up and growing well. The bed is covered with thin, white cloth such as the present day bran and shorts sacks are made of. This covering is needed to keep off frost and hold the heat in the bed as well as to keep the hens out. If it were not for this covering the hens would long ago have had everything scratched out of the bed. We have one consolation when we see the hens digging vigorously; it means that they are healthy and are laying plenty of eggs.

Coffey county has a good many miles of county roads and more are being laid out. To cut the cost of grading these roads the commissioners have bought a special grader with a 12-foot b'le. They received bids for the use of an engine to pull this grader and let the contract for \$1.80 for each mile traveled by the engine while pulling the grader and 90 cents for each mile traveled empty. It is thought that three rounds with this 12-foot machine will finish most roads and if it does, the grading cost will be cut in half as it has cost in the past an average of \$25 a mile to grade with an 8-foot grader pulled by eight horses. It is a question with some whether the engine owner can make wages at \$1.80 a mile but he seemed to think he could and took the entire contract at that price.

**Where's Charles Standley?**

Can any one tell me the whereabouts of my uncle, Charles Standley, tall, about 50 years old; last heard of him in 1908, at Wakarusa, Kan. R21. Kindly write to his niece, Mrs. Laura Reed, Seward, Okla.

**A Boys' Corn Contest**

The boys' state corn contest is one of the distinctive features of the Kansas State Fair at Hutchinson. It is organized and conducted for the purpose of promoting the growing of corn. Many of our best business men feel that we have not paid the attention to the growing of corn which its importance demands. Statistics covering a 10-year period show that corn is the first product of Kansas in point of value. Every great corn-growing region of the world is a prosperous region. Corn is the basis of the livestock industry. Corn and hogs have made other states rich and will enrich Kansas. It has been demonstrated over and over again that hogs may be produced in every county in the state and that more than half the state is a good producer of Indian corn, while the western part excels in the production of kafir and feterita—both good hog feeding cereals.

This corn contest affords an opportunity for one boy in each county to attend the state fair and have all his expenses paid, except his railroad fare from his home to the state fair. This is the fifth annual contest. Each preceding one has been a success, as the boys from the various parts of the state will testify.

The plan is easy and there is some boy in every county who would be delighted with the trip. The proposition is sent to each county superintendent of public instruction who will notify the rural teachers thruout his county, and will enroll the names of those who propose to enter into it. On September 12 the contestants in each county will assemble their exhibits and the one having the best exhibit will be the representative of his county to the state fair. Ten ears of corn or 10 heads of kafir or feterita constitute an exhibit. The camp is organized by the state military department, and equipped with the very best in the way of tents and blankets, ponchos, cooking utensils and other paraphernalia that Uncle Sam affords. Every state contestant is practically as well cared for as a colonel in the regular army. Good things to eat, a good place to sleep, perfect sanitary conditions and educational instruction, together with free entertainment are provided. Various state fairs are conducting similar contests but none of them are quite so liberal as the Kansas contest. The decorum of the camp is high class, under the command of F. L. Lemmon, captain company E., K. N. G., who is an especial friend of young men.

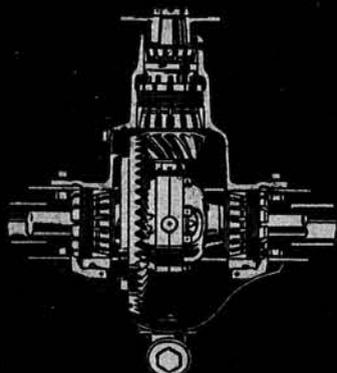
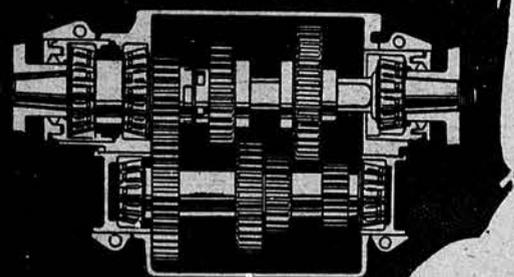
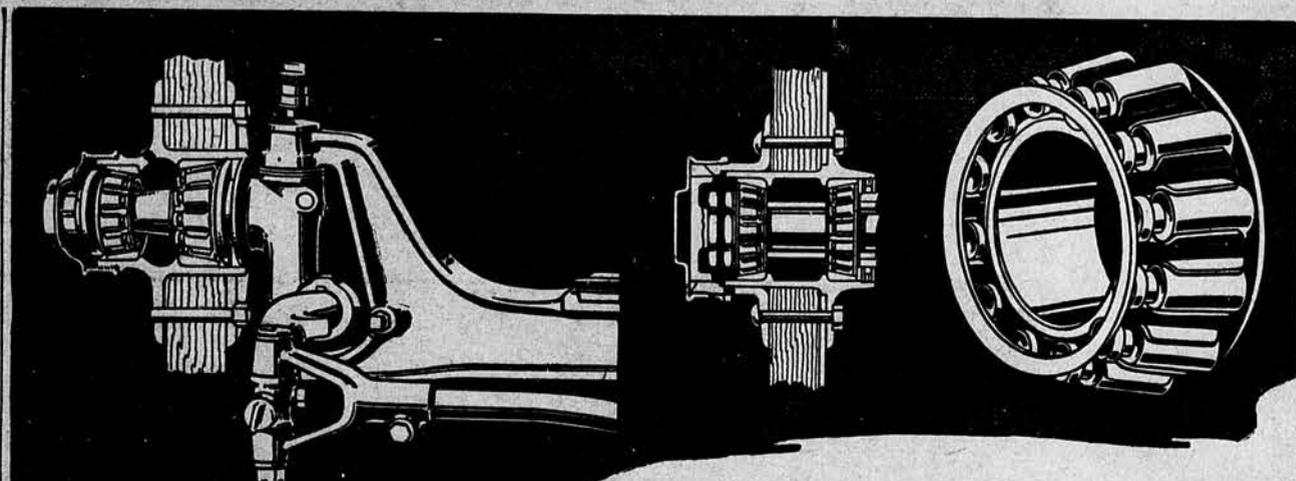
The management of the state fair asks the boys of Kansas to enter into this contest and to send their names to the county superintendent who in turn will send them to the secretary of the state fair. Plant corn, care for it well, show it at the county contest and also at the state fair.

**Buy Seed by Weight**

More misunderstandings than usual have come up in the last year about the weights of grass and legume seeds. To avoid this many seedsmen now sell all their seeds by weight, which seems to be very satisfactory. It removes all opportunity for deceit, for a man buys a pound of seed and he expects a pound, while when the bushel is used as the measure there is an opportunity for misunderstandings. The following letter from the Ross Brothers Seed House of Wichita shows how well the idea has worked with this big firm:

"I believe the best way to remove complaints is to encourage a single system of weights. And in order to give you an idea of how easily controversy may be averted, during the years 1906 and 1907 we experienced quite a number of complaints about short weights of clover and alfalfa seed. At that time we were weighing the seed the same as every other seedman, filling the sack, and then weighing it. After going over the situation very thoroly we began weighing alfalfa and clover seed even weight 150 pounds net to the bag, and cane and seed corn 140 pounds net to the bag. During the past eight or nine years our files show that we have not received two complaints a year on account of short weights.

"We had some controversy with several persons when we were selling some seed by the bushel on account of weights being different in various parts of the country. That difficulty also disappeared when we began selling everything by the pound and hundred pounds."



**Where?**

Any good anti-friction bearing will give satisfactory service at some places in a motor car—such as the clutch, the stem gear of the transmission, the fan shaft of the motor or the steering gear.

The question of real importance to car owners is, "What bearings give the best service at the places where bearings get the heaviest loads and the severest jolts?"

**In the wheel hubs**—front and rear—there is always terrific pressure on the bearings, most of the time from two directions at once.

The whole weight of the car presses steadily down from above.

And, in addition, it presses sidewise when you round a corner or when the wheels fall into ruts or skid on a slippery pavement.

**In the rear axle** the power of the engine is delivered to the wheels by means of a pinion which meshes with the big bevel driving gear. Because the teeth of the pinion and driving gear operate at right angles, the pinion is constantly trying to climb on the teeth of the driving gear and this gear in turn has a tendency to back away from the pinion. Unless the bearings on the pinion shaft are able to hold these gears in accurate mesh and resist the destructive forces of

load and end-thrust, they wear out and go to pieces.

**In the transmission and at the differential** the bearings must also resist the destructive forces of radial load and end-thrust. While the stresses and shocks encountered at these points are not as severe as those that must be met on the axle spindles and pinion shaft, it is equally essential—fully as important—to have Timken Bearings at these points. Don't forget that wear comes in time to all bearings and unless its effects can be eliminated, transmission gears and axle shafts will drop out of true alignment.

These hard jobs are the very ones for which Timken Bearings are designed and built. Their conical form and tapered rollers enable them to resist, to the uttermost, the destructive forces that cause wear, and when wear comes its effect can be instantly corrected by a simple adjustment.

It is not simply that Timken Bearings are used by so many well-known car builders that is important, but that they are used at the points of hard service.

Send for booklet P-40, "The Companies Timken Keeps," and learn not only WHO uses Timken Bearings but WHERE they are used.

THE TIMKEN ROLLER BEARING COMPANY  
Canton, Ohio  
THE TIMKEN - DETROIT AXLE COMPANY  
Detroit, Michigan

**TIMKEN**  
ROLLER BEARINGS

There are many sizes of Timken Bearings, but only one quality.

**SAVE 60% ON TIRES**

**Just Send Us Your Old Tires**

That's all we want to make a clean, new tire. These Tanlo tires are 90% puncture-proof and guaranteed for 3,500 miles. They cost you only 40% of the price of a new tire.

**TANLO RECON-STRUCTED TIRES**

can't be beat for service and appearance. Tanlo Tires also are carried in stock. We will send free to motorists, our big booklet giving details of this money-saver.

References: any bank. Write today to **TANLO RUBBER PRODUCTS CO.** 210 TANLO BLDG. KANSAS CITY, MO.

**WRITE FOR BROWN FENCE BARGAIN BOOK AND SAMPLE**

Over 25,000,000 rods Brown Fence already sold to 400,000 farmers. Factory Prices. Freight Prepaid. 150 styles. 15¢ per rod up. Gates and Steel Posts, too! Write postal.

**THE BROWN FENCE & WIRE CO.** Dept. 23 Cleveland, Ohio

**FREE POSTPAID WRITE FOR IT TODAY!**

My Big New Catalog of CANT-SAG Farm Gates will save you money. Write for it NOW—TODAY.

**"Cant-Sag" Gates**

Cost less than all wood—last 5 times as long—can't sag, drag, warp or twist. Boards double bolted (not nailed) between 8 angle steel up rights. Guaranteed 5 years. You can get complete Gates or just the Gate Steels so you can make your own gates and save money. Write for Catalog. ALVIN V. ROWE, Pres. ROWE MFG. COMPANY 1513 Adams St., Galesburg, Ill. (15)

**12 1/2" ECONOMY FENCE**

Before you buy any more fence, write for facts about our 26-inch ECONOMY HOG FENCE at 12 1/2¢ per rod. Many other styles and prices.

Keystone Steel & Wire Co., 260 Industrial St. PEORIA, ILL.

**15 LESSONS IN THE ART OF TINTING WALLS**

**DESIGNING Card Writing Free**

You can ten times pay the amount it costs you in your first job. This course only costs \$2.99 for a limited time. E. L. Art, 503 772, HANOVERVILLE, MISSOURI. Mail \$2.00 today, start in a profession that has no ending.

**LOCKED FOUR WAYS**

**NO BREAKING NO SLIPPING**

The Square Deal Lock double grip the one-piece stay wires and the wavy strand wires without cutting, breaking or slipping. Has no brittle welds to snap, self-draining shape of lock prevents rust.

**Square Deal Fence**

stands tight and trim the year 'round. The one-piece staywires prevent sagging, bagging and buckling. The wavy strand wires give springiness—life.

Send to Landowners Only—Our new catalog—also Ropp's New Calculator—a 150-page book (worth \$50) answers almost any problem on the farm. Both free. Write today.

Keystone Steel & Wire Co., 227 Industrial, Peoria, Ill.

**\$13.00 Sweep Feed Grinders | \$17.00 Galvanized Steel Wind Mill.**

We manufacture all sizes and styles. It will pay you to investigate. Write for catalog and price list.

**CURRIE WIND MILL CO.,** Seventh St., Topeka, Kansas

**Fish Bite** Like hungry wolves any time, if you use **BIG FISH BITE**—Lures Best fish bait ever discovered. Keeps you busy pulling them out. Write today and get a box to help introduce it. Agents wanted.

**J. F. GREGORY, Dept. 57, St. Louis, Mo**

**For silo owners**

Let us send you valuable information and suggestions to help you decide right in the selection of your silo. For a cutter that will cut the corn as fast as you can supply it—shave as high as needed—run with your regular farm engine—investigate the

**BLIZZARD**  
Ensilage Cutter

It is the tried and true cutter for the farmer. Simple to understand and use. Unusually well adapted to silage making. Durable, repair costless. **WRITE** today, mentioning size of silo, and of engine, for valuable information, also free booklet, "Silage Making," sent free. **Blizzard** Ensilage Cutter. **Write for Free Booklet.**

The J. E. Dick Mfg. Co.  
Box 34  
Canton, Ohio



Note self feed table

Sold mounted or unmounted

**FREEMAN ENSILAGE CUTTER**

**The Cutter That Saves You Money**

Costs less to buy—less to operate—less for upkeep. The Freeman combines the limit of quality and economy.

Standard for 30 Years

Runs easiest—on least power. Cuts clean and fast. Traveling force feed table—handles big bundles easily. Has extra strong frame, large feed rolls, adjustable knives, safety fly wheel, safety stop lever.

**Steel Enclosed Carrier** reduces running expense, prevents feed blowing away.

GET OUR FREE BOOK showing full line Ensilage and Feed Cutters, Carriers and Blower-Elevators.

THE S. FREEMAN & SONS MFG. CO.  
215 Michigan St.  
Toledo, Ohio.

We can furnish Blower or Enclosed Steel Carrier as desired.



**SAVE ALL YOUR ALFALFA**

You can do it easy every season on every stack with Martin Metal Stack Covers—made in galvanized corrugated sections—can be quickly fitted to any size stack.

Are better than barns or sheds. Are water tight and rust proof. Can't blow off. Easy to put on and take off as desired. Stack right in the field with them.



**MARTIN METAL STACK COVERS**

Save ALL your hay or alfalfa. Save the cost of extra building, save extra hauling, extra handling, save extra labor, and wages and extra wagons, teams and men.

These covers will save enough to pay for themselves—and more—on the very first stack they cover. Ventilate your hay better. Make it cure better, grade better and bring more a better price—\$1 per ton more at least. Make and protect it in best for years. **WRITE TODAY** for free illustrated literature and introductory price.

MARTIN METAL STACK COVER COMPANY  
215 No. Mosley Wichita, Kansas  
Stacks carried at Wichita, Kansas; Portland, Oregon; Canton, Ohio, and Omaha, Nebraska.

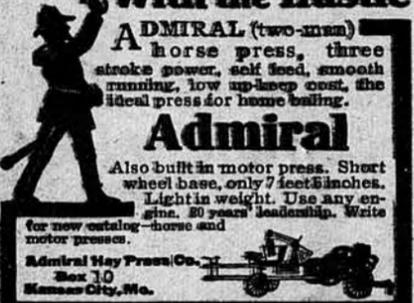
**Get the Hay Press with the Hustle**

**ADMIRAL (two-man)** horse press, three stroke power, set feed, smooth running, low up-keep cost, the ideal press for home baling.

**Admiral**

Also built in motor press. Short wheel base, only 7 feet 6 inches. Light in weight. Use any engine. 30 years' leadership. Write for new catalog—horse and motor presses.

Admiral Hay Press Co.  
Box 10  
Kansas City, Mo.



**K. C. PRAIRIE DOG**

**THE TRACTOR THAT OUTWORKS THEM ALL**

Will pull three 14 inch bottoms under any ordinary conditions. 25 H.P. Waukesha Motor—can be used for operating other machinery: Sprockets; plows at 2 1/2 miles per hour—on road work 5 miles. Hyatt roller bearings.

**LOW COST**

High in quality but low in price. A powerful sturdy, enduring, simple tractor that will save you money every day in the year. Write for special offer to a few reliable farmers.

Kansas City Hay Press Co.  
Kansas City, Missouri.



**The Bedtime Troop**

A scurry of feet on the bedroom stair,  
A titter along the hall—  
And this is the charge of the night brigade  
To capture me heart and all.  
And there is the Captain, Sleepy Eyes,  
And there is Lieutenant Dream,  
While the only arms of love are theirs  
As into my heart they stream.

A low, little laugh as they form in line,  
Robed in their slumber gowns—  
No armor rude with its harsh intrude,  
No helmets that clank and frown;  
They come for the hug and goodnight kiss,  
And unto my heart they bring  
The song of the bedtime troops of love,  
With its old, ineffable ring.

I sigh as I think of the lonesome folk  
In their fortresses alone,  
Where never the children charge with their cheer,  
Where the bedtime song's unknown;  
Who sit in their childless realm aloof  
Nor ever behold at all  
The Sleepy Eyes and the Golden Dream  
Come marching down thru the hall.

Who never have felt around their necks  
Nor ever upon their lips,  
The soft caress of a little arm,  
Or a kiss with its sweet ecstacy.  
I do not know what I would do  
Were the bedtime troops away,  
And I almost dread the time to come  
When they'll march to the grown-up day.

In single file, to a merry tune,  
Whispering, wild with glee,  
They turn the knob and open the door  
And rush to the heart of me.  
Retreat is vain, resist I won't,  
So on my lap they leap—  
The troops of the right brigade that come  
For the kiss of the tender sleep.

—Baltimore Sun.

**New Recipes to Try**

Nut bread is delicious for Sunday night supper. To make it sift together three times 2 1/2 cups of flour, 1/2 teaspoon of salt, 1/2 cup sugar and 2 heaping teaspoons of baking powder. Add 1 cup of sweet milk, 1 cup chopped nuts and 1 egg beaten light. Pour into a greased pan and bake 40 minutes in a moderate oven.

Mrs. H. W. Porth.  
R. 9, Winfield, Kan.

**Spice Cake.**

Put over the fire in a granite pan 1 cup of brown sugar, 1/3 cup of lard, 1 cup of raisins, 1/2 teaspoon cloves, 1/2 teaspoon grated nutmeg, 1/2 teaspoon of cinnamon, and 1 cup of cold water. Let boil 3 minutes, then set the mixture aside to cool. Add to the cold mixture 1 teaspoon of soda dissolved in a little hot water, 2 cups of flour with which 1 teaspoon of baking powder has been sifted, and 1 cup of nut meats. Bake in a slow oven 40 minutes.

Mrs. H. W. Porth.  
R. 9, Winfield, Kan.

**Fruit Custards.**

Butter custard molds or cups and drop in the bottom of them canned cherries, strawberries or other fruits. Sprinkle over it dried bread crumbs till the molds are two-thirds full, using about 2 cups of crumbs in all. Beat 3 eggs, add 1/2 cup of sugar, a pinch of salt, 1 1/2 cups of milk and 1 teaspoon of flavoring. Pour this mixture over the crumbs, set the molds in a pan partly filled with hot water, cover with paper and bake in a moderate oven about 20 minutes. Serve with sweetened, flavored whipped cream with a bit of fruit on top.

Mrs. T. E. Osborn.  
Sycamore, Kan.

**Dark Chocolate Cake.**

Mix together 1 cup of sugar, 1/4 cup of butter, 1/4 cup of sour milk, 1 scant teaspoon of soda, 1 egg, 1 1/2 cups of flour and 2 squares of chocolate dissolved in 1/2 cup of boiling water. Flavor with vanilla. This may be baked in the oven in the usual way or poured into a greased skillet and baked on top of the stove as batter cakes. Serve the cake cold with sweetened and flavored whipped cream.

Subscriber.  
Louisburg, Kan.

**Creamed Onions with Spaghetti.**

Boil equal quantities of sliced onions and spaghetti in salted water until tender. Drain, season with salt and pepper and butter, sprinkle a little flour over the vegetables, pour on a little thin cream, and let all boil up once to thicken.

Subscriber.  
Louisburg, Kan.

**Paint the Bread Box**

My new bread box is made of cypress wood and bread or flour that is kept in it tastes of the wood. Can you tell me what to do about it?

Valley Falls, Kan. MRS. A. F.

Probably the best thing would be to give the inside of the box several coats of white enamel paint. This will close the grain of the wood and destroy its odor. The paint makes a pretty finish

and is easily kept clean. Lining the box with white oilcloth would have the same result. Paste it on as you would wall paper.

When there is to be roast beef or baked chicken for dinner, fill a pan with uncooked baking powder biscuit, half cover them with gravy from the meat and bake in quick oven. Serve hot with the roast.

**It's a Real Labor Saver**

A roll call of the owners of bread mixers was asked for in a recent issue of the Farmers Mail and Breeze, and I am glad to answer "Tremendous." My bread mixer cost me \$1.99 when it was new and has been in constant use a little more than five years. I bake bread with it twice a week, and can mix and put the bread to rise and put away all materials left over from the process in 5 minutes. When I mixed the bread by the old way it took at least 25 minutes to do the same amount of work. Figure the time saved in a year and the result will be 28 hours. In five years it is five days and 20 hours. I call that a saving worth while.

My bread mixer is the type that has a bucket-shaped vessel clamped to the kitchen table, with a curved rod extending from a crosspiece at the top of the pan to do the kneading. I have seen the kind that is operated with a spring underneath but never have had the chance to try it.

A great many women make the mistake of buying too large a mixer and then are dissatisfied afterward. Don't get one of the largest size unless you bake more than eight loaves at once, because a machine built to mix four loaves will mix six or seven but it will not mix less than four. Don't fail to read carefully the book of instructions that goes with every machine. Don't try to do the work too quickly when you begin to use the bread mixer. A little time and patience will help you master any difficulty that may arise.

I use the everlasting yeast or starter and set the sponge the night before baking in the summer, or the morning of baking day in cold weather. I mix the sponge in the pan of the machine, beating it well with a large spoon. I measure the liquids and flour carefully and when ready to add the flour to the sponge for kneading reserve a cup or two to be added later if needed. In this way I run no risk of getting too much flour. When the dough forms a large ball on the kneading rod I lift it out on the bread board and shape it into a smooth mass, pour a little warm lard into the pan and roll the dough around in it until greased on all sides, then leave it in the pan to rise. The directions with the machine say not to take the dough out of the pan or put the hands into it till it is ready to shape into loaves but I find that by my method I can be sure that I have not gotten too much or too little flour, thus overcoming the difficulty of which Mrs. Thompson spoke. My bread is good, too. A man whose wife is noted for her excellent cookery, said to me not long ago, "Your bread is much better than my wife's," and I replied, "That is because she does not use a bread mixer."

Mrs. G. W. Gillespie.  
R. 5, Wichita, Kan.

**Little Points Worth Knowing**

A little soap put on the hinges or latch of a door will stop its creaking. Rub your griddle with fine salt before you grease it and your cakes will not stick. Powdered charcoal placed around the roots of roses and other plants will help them. Camphor gum or red pepper placed on shelves or in drawers will drive away mice. Camphor gum placed in the piano will keep moths from destroying felt.

Buffalo, Kan. B. M.

A piece of zinc 3 or 4 inches square dropped in the stove on hot coals will clean out a sooty chimney.

Have a box hooked to the back porch on a level with the top step so that dirt may be swept into it instead of in the yard. The box may be unhooked and emptied easily.

To take the odor from pans in which onions have been cooked, heat them smoking hot and wash the second time.

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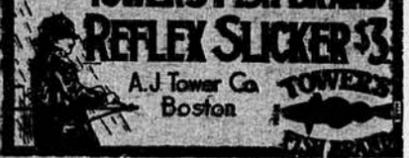
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Pattern 7356 is cut in sizes 34, 36 and 38 in. bust measure. Medium size requires 4 1/2 yds. of 36 in. material with 1/2 yd. of 48 in. material.

Our Free Offer: We will send this Household Apron Pattern No. 7356 free to all who send their name for three months' subscription to the Household Magazine at 10c.

HOUSEHOLD, Dept. SP-4, Topeka, Kansas



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**Six Easter Booklets FREE**

Each of these Easter Booklets are in envelopes. They are printed in colors, beautifully illustrated and have some on inside leaves. Do not confuse these booklets with the ordinary cheap ones of outside you see elsewhere. They are high grade printed on enameled Bristol Board.

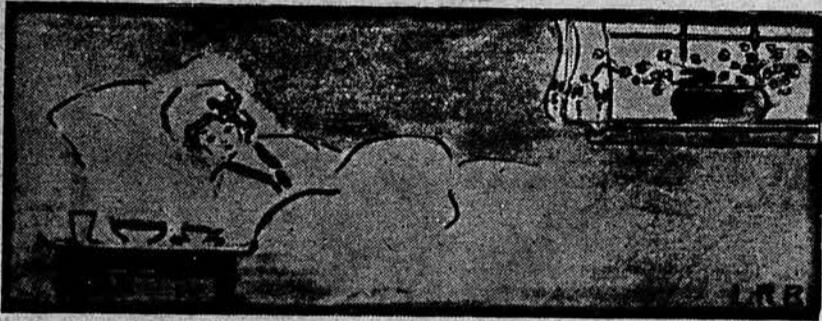
**Our Free Offer** A set of six booklets to match yours free to all who send 10c for a three months' subscription to our big magazine, The Household, at 30c per copy. Address: HOUSEHOLD, Dept. SP-4, Topeka, Kan.



# The High Cost of Hurrying

Unnecessary Worry and Haste Destroy a Woman's Vitality

BY MARY BARRON WASHBURN



THE London humorous paper, Punch, is said to have published some years ago an article of advice to those about to be married which consisted of the single word, "Don't." This one word would also sum up much that might be said on the subject of hurry, except that "don't" is no longer considered good pedagogical form. "A lady," says Emerson, "is serene. . . . Let us leave hurry to slaves," and doctors and nerve specialists tell us that hurry, like its brother, worry, is not only fatal to good manners, but is the enemy of good health as well.

We are prone to excuse ourselves for hurrying on the ground that we have so much work to do, but a little honest reflection will convince us that it is a fault caused not so much by over-work as by underthought. For much of our hurry comes from ignorance, quite preventable ignorance.

"I did this or that this morning and it took me so much longer than I thought it would." Have you not often offered some such explanation of a mad rush to get back to your time schedule? Yet it was no unfamiliar task that so deceived you. Why do we not know how long it takes to put a room in order; to wash a window or a dozen windows, to clean the lamps or to do an average ironing? A dollar clock in the kitchen, a pencil and paper, and a few hastily jotted down memoranda, and we can soon standardize our regular tasks and put an end to this thing of attempting a 40-minute job in 20 minutes of time.

### Set the Alarm Clock.

So many of our hurries have to do with the getting of a meal ready on time. The men come from the field at a stated hour and naturally like to find their dinner or their supper ready for them and we want to have it ready and mean to have it ready, but we are interested in some other bit of work and time goes by unheeded.

"Mercy," we exclaim at last, "I had no idea it was so late!" And then begins a frantic hurry. But how easy to have carried the little alarm clock with us, how easy to have known just what we were to get for dinner and just how long it would take to prepare it, and to have set the alarm for the proper time. It might not have been easy to stop just at that time but we could have done it if we had only thought the matter out clearly beforehand. Wesley warned his followers to "Beware of the lust of finishing," and it is advice that we housekeepers all need to take to heart. It is so easy to decide to work just one more buttonhole, and then make up by a little extra hurry, but it does not pay. We should train ourselves to work always as swiftly as we can, to save all unnecessary motions, to make every step, every movement count, but hurry is trying to work faster than we can.

### Speed isn't Hurry.

But because accidents happen in the best regulated families, and because there are few of us who are not overtaken sometimes in the fault of being behind time, it is well to prepare in advance, not for hurry, but for special speed when it may be necessary. It is well to have a few special jars and packages in the store room that may be drawn on in such emergencies and to have a sort of mental store room of available short cuts and expedients. And then when the emergency arises, work as speedily as possible but without hurry. Keep your head, keep your sense of proportion, and reflect that while it is eminently desirable to have the washing on the line before dinner or the dinner on the table at the stroke of twelve,

these are not matters of vital importance and that a week from now you will hardly remember whether it was this way or that way.

It is hurry that jangles our nerves and sharpens our tongues and shortens our lives; that lays the fire poorly so that it does not burn, that handles the knife carelessly so that our fingers are cut, that breaks the dish and spoils the cake and burns the steak. It is hurry that robs our work of joy, that makes us drudges instead of artists; that keeps us apologizing and explaining and spoiling and wasting. "Let us leave hurry to slaves."

### Does Your Table Fit?

Don't blame the luck if your back aches, or scold the children for making you extra work. Blame the kitchen table. Go after it with a tapeline and see if it is the right height for you, and if it isn't put blocks under it till it is. This is the advice of Miss Rebecca Bartholomew, assistant in domestic science in the Kansas State Agricultural college. Every table in every kitchen should fit the cook. The correct height for a table when a woman is 4 feet 7 inches tall, is 27 inches. If the housewife is 5 feet 5 inches tall, the kitchen table should be 30 1/2 inches high. In other words, for every 5 inches difference in a woman's height there should be a corresponding change of 2 1/2 inches in the height of the table.

When the housekeeper measures her table and finds that it is too low—and most kitchen tables are too low—she shouldn't feel that a new table is necessary. Wooden blocks with grooves in the center, which are used under bed legs in hospitals, can be used under legs of a table to add height. If some one in the family is handy with the hammer and nails, a small platform can be built under the table. Drop tables are convenient, too. They hang up on the walls when not in use and are let down the correct distance when needed. The work table is used every day and unless it is of the right height, the strain upon the muscles and back causes fatigue and distress.

### Removing Iodine Stains

Many a housewife has been perplexed to know what to do with iodine stains. The cheapest, easiest, and most convenient way to remove them, says Prof. Vail of the Colorado Agricultural college, is to use the salt called sodium hypo-sulphite or "hypo" by photographers and druggists. Dissolve 1 ounce of hypo in one-half pint of water, and immerse the stained portion of the goods in this until the stain disappears. In case of very extensive or numerous stains a larger quantity of hypo solution may be necessary. The fresher the stain, the more readily it is removed. Working the goods about in the solution hastens the action. The colorless substances formed by this chemical reaction are entirely harmless to any fabric, and furthermore are easily rinsed out. The current price of hypo is 10 cents a pound.

### Calling the Children

Don't shout at the children when they are out of doors and you wish them to come to the house. Call them with a small bell or whistle. The sound will go farther than the voice carries, and there will be no strain on the vocal cords.

In all of one's hurry, save time to plan what to do next.

## "Here's Something Good, Mother"

Bring home a big family package of Sunshine L.-W. Soda Crackers. They're a welcome change from bread, and save the trouble of baking. The men folks and the youngsters will love them because they are crisp and flavory. From the home of

# Sunshine

## Biscuits

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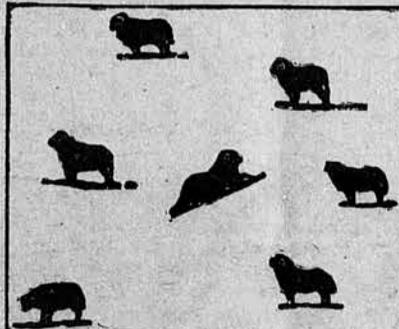
Lewis' Lye entirely saponifies the grease in home-made soap. It always does it because it is always the same. Every can of Lewis' Lye is of the same superior quality as every other can—always and anywhere.

Ask your mother. The chances are she used it when she was a girl and does yet.

Send for Booklet "The Truth About a Lie."

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## Solve This Puzzle and Win a Prize



Here are seven sheep in a pen. By drawing three straight lines you can put each one in a pen by himself. If you can do this, we will send you as a prize, a surprise package of beautiful season and greeting post cards, lithographed in rich colors, and also a certificate of entry in our grand contest for an Overland Automobile. All you have to do is to enclose a two cent stamp in your letter to pay postage and cost of mailing.

### Overland Auto Given Away

Remember the Overland will absolutely be given away at the close of the grand contest. In case of a tie an Overland will be given to each person so tied. Send at once so you can be entered in this great contest. Full particulars by return mail.

THE AUTO MAN, Dept. 54 Des Moines, Ia.

# When Foxie Fooled the Boys

### A Joke was Being Planned, but a Listener was Near, Smiling

BY JULIET P. COMBS

(By arrangement with the S. E. Cassino Co.)  
**F**OXIE WAS HUNGRY and her tracks made a straight line over the hills, across the road and into the wood path. Rabbits would be out for breakfast, too. Softly she went, her sides beating time to the left-right, left-right of her paws. She caught a glimpse of a white stub tail. The tail went out of sight and she must wait. She crouched down just outside the hole, hiding in the bushes, and took a nap; all but her nose. It was a short nap for the smell of rabbit came on the breeze. A pink nose sniffed and went back into the hole; it sniffed again; and then again. Foxie was on the windward side. Bunny ventured out.

#### He Makes a Discovery.

Spring! Foxie went back again thru the woodpath, and over the hill and into the shed, carrying something in her mouth.

"See!" what I have found," cried Lewis, as he went thru the shed on his way home from school. "Papa must have caught him in a trap."

Foxie sat by the chopping block and smiled.

"Let's hide it," said Everett, and they put the rabbit skin under a carriage robe on the shelf.

Foxie still smiled.

When papa came home, he saw a fine rabbit skin in the shed.

"The boys have been trapping, I guess," he said to himself. "I'll hide it." So he put it on a high shelf in his work room.

"Come fellows," said Everett after school. "Come and see my rabbit skin. I hid it to joke dad." But Everett couldn't find it, neither could Lewis, who brought home another crowd of boys to see the rabbit skin.

Foxie smiled.

"Come, let's find the rabbit skin," said

Lewis and Everett after supper. They ran out into the shed and looked everywhere. Papa looked on the high shelf in the work room, but no rabbit skin could be found.

"That is very strange," said papa, and Lewis and Everett. "Where do you suppose it is?"

By and by, way down deep in a barrel, the boys found four little kittens; one was yellow and white, one all white, one was all yellow, and one black and yellow and white. And what do you suppose the kittens had for a bed? A pretty, soft rabbit skin. And Foxie-mamma smiled, and purred and purred.

#### Bunny Washes His Face

I am a little boy 10 years old. I live with my aunt and uncle. I have not named my rabbits because they are just alike; all as white as snow, with pink eyes and long ears. I keep them in a pen made of wire and they have burrowed under it. This winter I am feeding them alfalfa hay, apple and potato peelings, corn, turnips and many other things. I turn them out every day to get exercise. Once I turned them out and one of the rabbits fell into the mud and it soon began to wash itself, but its paws were so muddy that every time that it rubbed its face it would leave a muddy streak, and by the time it was through it was dirtier than ever.

I also have a pet rooster, a White Leghorn. His name is King. Sometimes I catch him and paint him with my watercolors. Henry S. Swearingen. R. 4, Peabody, Kan.

#### A Cow Broken to Ride

I have one brother and four sisters. We have four pets. One is a big, black

horse whose name is Dolly. We like her very much. Whenever we go to the barn we give her something to eat and she keeps very fat. Another pet we have is a pig. We feed him milk out of a bottle. He is only 2 weeks old and he sleeps with the cats. We also have a pet goose and cow. The goose is black and white. We can catch her whenever we want to and she will eat from our hands. Dandy, our pet cow, is red and white. My brother rides her whenever he wants to. I ride our horse. I like to read the Children's page.

Narka, Kan. Caroline Strand.

#### Eugene and Wayne

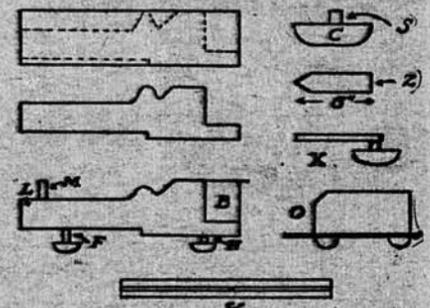
Have you ever seen these two little boys before? They are Eugene and Wayne Payer of Westphalia, Kan. Several weeks ago you saw a picture of them with their pet calf. In this picture they have their pet dog and cat. The



dog is very proud to be the master of such fine boys. The cat seems very happy to be out with them, too. Don't you imagine the dog's name is Watch? He watches over the boys so carefully. Eugene is 3 years old, Wayne is 20 months.

#### A Railroad Train

I will tell the boys how to make a railroad train. I hope you will all be able to understand my explanation. I first cut an inch board on the dotted lines of the first figure. This is for the boiler. Next nail a 1-inch board, 2 1/2



inches long to the back of the second figure. Then cut another the same length, having three in all, one for the bottom and two for the sides. For the top use a 1/2-inch board, 3 inches long. Nail these together to complete the cab. See B. For the runners use a 1/2-inch board, 1 inch wide and 1 1/2 inches long as in C, then nail a piece 1 1/2 inches long across the runner (S) and nail to the boiler at H. Another pair of runners is made the same as before, except use another 1/2 inch board shaped like Z and nail to S; then nail to F. This makes the front runners and the cow catcher (K). Bore a hole at M, and then whittle a piece of 1 inch board, round, and drive it in the hole; this makes the smoke-stack. The headlight is made by sawing an inch block into a square; nail this to L. Make the tender like a wagon (O).

For the track use a board 4 inches wide and 5 feet long, and a lath. Whittle the lath down to about 1 inch wide. Nail it to the center of 1 inch board as in K. This makes a good outfit to play with.

Olie Hudson. R. 3, Ozawkie, Kan.

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Puppy and the Carpet Sweeper

Do you see that awful monster That Nora just brought in? The sight of him's enough to make A little puppy thin.

He eats up everything he finds Upon the carpet there. Jump and bark and growl at him, But little does he care.

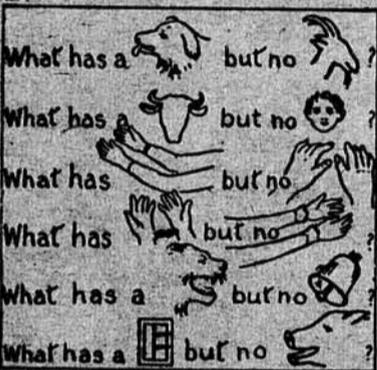
I've had that thing attack poor me Without the slightest cause; When I was on the rug he jumped To gobble up my paws.

It's all that Nora—strong, brave girl!— Can do to hold him tight; At last, tho, she can conquer him, And put him out of sight.

She shuts him in the closet small, Where it is still and dark; And I'm so glad, I sit outside That door and bark and bark! —Little Folks.

Can You Answer These?

Here are six illustrated questions to be answered. The first question is, What has a face but no head, and the answer, A watch has a face but no head. Answer all the questions you can and send them to the puzzle editor before April 22. A package of post-cards will be sent for the best five answers.



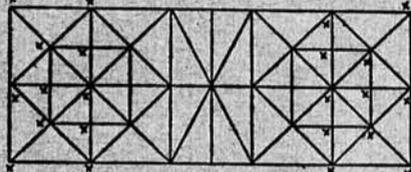
The solution to the puzzle of March 25, is: sun-flower, corn-flower, moon-flower, bell-flower, tea-rose, pea-flower, china-rose, trumpet flower. The prize winners are: Frances Wil-

son, Wamego, Kan.; Mary Overbaugh, Frankfort, Kan.; Ruby Reynolds, Stockton, Kan.; Effie Thompson, Downs, Kan.; Ruth Jefferson, Narka, Kan. Address your letters to the puzzle editor of the Farmers Mail and Breeze, Topeka, Kan.

"Catch Me If You Can"

[Prize Letter.]

I am sending you an illustration of a game board I designed, and the rules for playing. The game is, "Catch Me If You Can." It is played as follows: Place the geese, 11 in all, on each end of the board on the places marked by an X. Move the geese in any direction,



except backwards; the two players taking turns at moving as in checkers, jumping when possible. When a goose reaches the last row on the opposite end of the board, the player gets a hawk in its place. The hawk can move or jump any direction. The game is played very similar to checkers as you see. I have great fun playing this and other games I have made to suit myself. I am a little boy 10 years old.

Wyota Beauchamp.

R. 2, Atkin, Minn.

Real, Live Dolls

I have five pets, two dogs, two rabbits and a pony. My dogs' names are Watch and Fido. Watch is a Collie; he brings the cows home in the evening. Fido is just a small dog that likes to go hunting. My rabbits are both white; their names are Susan and Peter. When my little friend comes to see me we dress them up and put them in my doll's buggy and wheel them around. My favorite pet is my brown pony; his name is Dennis. I ride him to

school every morning and have lots of fun with him. He will shake hands with me and will lie down when I tell him to. When I get home from school he watches for me to give him an apple. Helen Stoddard.

R. 1, Horton, Kan.

Find the Hidden Words

There are 21 hidden words in the following stanza. How many can you find? Next week's paper will print them correctly:

"God b(less) the man who first invented sleep!" So Sancho Panza said, and so say I. And bless him also that he didn't keep His great discovery to himself nor try To make it—as the lucky fellow might— A close monopoly by patent right.

The answer to last week's anagram is: 1. Concertinas, 2. Violincellos, 3. Clarinet, 4. Castanets, 5. Aeolian Harps, 6. Piano Forte.

A Cat or a Father

In his "Life of Thomas B. Reed," Mr. Samuel W. McCall tells this story about the former Speaker, who was an unusually large man.

When his daughter Katherine, or "Kitty," as he called her, was a little girl, she had a cat to which she was much devoted. One day the kitten was sleeping in Reed's chair when he was about to sit down. His daughter, in horror, gave the chair a sudden pull to save the cat from annihilation, and as a result Mr. Reed sat down heavily on the floor. It was a rather serious happening for a man of his size, and even a lesser man might easily have lost his temper. But the only notice he took of the matter was to say gravely, after he had got on his feet, "Kitty, remember that it is easier to get another cat than another father."

A gloomy temper is often brightened up by a change of wall-paper.

We have been taking the Farmers Mail and Breeze for a good many years and think it to be the best farm paper in the Southwest.—R. R. Grant, Dryden, Okla.

The Case in Costa Rica

La Informacion, the daily paper of San Jose, Costa Rica, in a recent issue, contains an interesting account of the introduction of an American gas tractor into that state, the Case. This modern method of farming has caused a good deal of interest in Costa Rica, because, as the paper says: "In deep plowing the tractor can draw in the land of Sabana up to 18 inches; our ordinary plows scarcely reach in depth at most 6 inches. They scarcely scratch the earth on the surface; consequently in rainy seasons the streams remove easily the deep earth which these plows turn, and as a result the water cannot soak into the earth."

The tractor in this test did the work of 15 pairs of oxen in plowing. The economy of time is very well illustrated by the paper's report, which says: "On level lands, even though they be hard, as in the Sabana, this tractor can plow as much as 12 manzanas a day, so that in 10 days it would be able to prepare for seeding the 120 manzanas of land forming the Sabana. Ten pairs of oxen would spend in that work about five months. Plowing one manzana of land with oxen costs from 16 to 18 colones. The machine can do this work at an expense of two colones, using a tenth part of the time."

The governor of the state was surprised and very much gratified at the work which this 12-25 tractor accomplished, because it is adapted to every kind of agricultural labor in that country.

"Et tu Brute"

A newly married pair had escaped from their demonstrative friends and were on their way to the station, when the carriage stopped. The bridegroom looked out of the window impatiently.

"What's the matter, driver?" he cried, "The horse has cast a shoe, sir," was the reply.

"Great Scott!" groaned the bridegroom. "Even the horse!"

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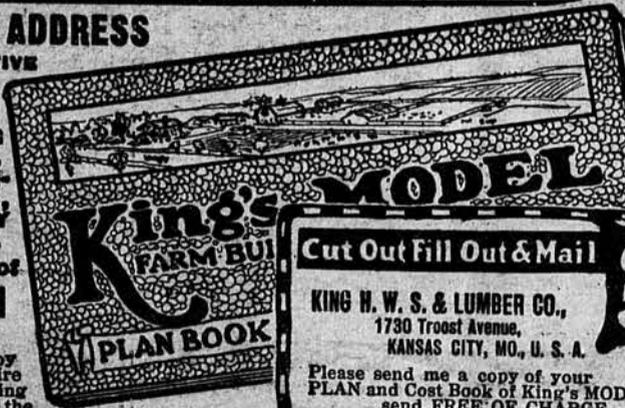
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of every kind and description—by far the Largest Stock in the entire West. We can furnish you anything you want in building material and at the lowest prices ever offered. Our central location, and cheap freight rates to every station, enables us to make quick shipment and delivery.

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We also have 11 Other Special Designs—3 rooms to 14 rooms—or will make you a corresponding bargain price on your own plan or idea.

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Please send me a copy of your PLAN and Cost Book of King's MODEL FARM BUILDINGS which you advertise to send FREE OF CHARGE. I enclose 10c for Postage and Packing.

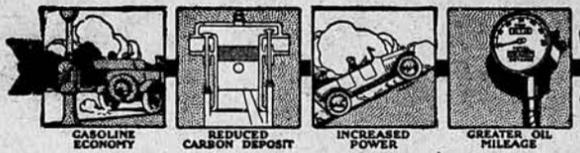
Form with fields for Name, Town, State, R.F.D., and checkboxes for 'I Am Planning to Build a' followed by options: HOUSE, BARN, HOG HOUSE, POULTRY HOUSE, DAIRY BARN, GARAGE, IMPLEMENTSHED.

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# Motor Efficiency



Worth how much?

Motor efficiency depends largely upon lubricating efficiency and that means:

- Reduced carbon deposit,
- More mileage from your gasoline.
- More mileage from your lubricating oil.
- Increased power.

There is only one way to experience for yourself the benefits from a really scientific lubricant. That is—use it.

A simple test should convince you.

The Lubricating Chart shown below which represents our professional advice, has, for a number of years been the standard guide to scientific automobile lubrication. Opposite your car you will find specified the correct oil for your motor.

That oil was specified for your motor after a careful scientific analysis of its lubricating re-

quirements by the Vacuum Oil Company.

If your car is not listed, a copy of our complete Lubricating Chart will be sent on request.

**An Economical Demonstration**  
It will probably cost you less than \$1.00 to fill your crank-case with the grade of Gargoyle Mobiloils specified for your car. The garage or dealer you trade with has it, or can promptly secure it for you.

Ask him to empty your crank-case of its present oil and fill it with the correct grade of Gargoyle Mobiloils.

You can then judge for yourself the results in—increased power, reduced carbon deposit, gasoline economy, reduced oil consumption.



A grade for each type of motor

Is it not worth this nominal expenditure for you to discover for yourself these continuous benefits from using the oil specified for your car by a company whose unquestioned standing in engineering circles is world-wide?

In buying Gargoyle Mobiloils from your dealer, it is safest to purchase in original packages. Look for the red Gargoyle on the container. For information, kindly address any inquiry to our nearest office.

## CORRECT AUTOMOBILE LUBRICATION

**Explanation:** The four grades of Gargoyle Mobiloils for gasoline motor lubrication, purified to remove free carbon, are:

- Gargoyle Mobiloil "A"
- Gargoyle Mobiloil "B"
- Gargoyle Mobiloil "E"
- Gargoyle Mobiloil "Arctic"

In the Chart below, the letter opposite the car indicates the grade of Gargoyle Mobiloils that should be used. For example, "A" means Gargoyle Mobiloil "A," "Arc" means Gargoyle Mobiloil "Arctic," etc. The recommendations cover all models of both pleasure and commercial vehicles unless otherwise noted.

MODEL OF CARS	1916		1915		1914		1913		1912	
	Summer	Winter								
Abbott Detroit (8 cyl)	Arc									
Apperson (8 cyl)	A	A	A	A	A	A	A	A	A	A
Auburn (6 cyl)	Arc									
Autocar	Arc									
Avery (Mod. 3&C. 1 Ton)	Arc									
Biacore (8 cyl)	A	A	A	A	A	A	A	A	A	A
Buick	Arc									
Cadillac (8 cyl)	Arc									
Case	A	A	A	A	A	A	A	A	A	A
Chalmers (Model 6-30)	Arc									
Chandler Six	Arc									
Chevrolet	Arc									
Cole (8 cyl)	A	A	A	A	A	A	A	A	A	A
Cunningham	Arc									
Detroit	Arc									
Dodge (8 cyl)	Arc									
Empire	Arc									
Federal	Arc									
Fiat	Arc									
Ford	Arc									
Franklin	Arc									
Grant	Arc									
Haynes (12 cyl)	Arc									
Hudson	Arc									
Super Six	A	A	A	A	A	A	A	A	A	A
Hupmobile	Arc									
I. H. C. (air)	A	A	A	A	A	A	A	A	A	A
(water, 2 cycle)	A	A	A	A	A	A	A	A	A	A
(water, 4 cycle)	A	A	A	A	A	A	A	A	A	A
Jackson (8 cyl)	Arc									
Jeffery (Chrysler)	Arc									
Com 1	Arc									
Kelly Springfield	Arc									
King (8 cyl)	Arc									
Com 1	Arc									
Model of Cars	Summer	Winter								
Klein Kar	Arc									
Com 1	Arc									
(Model 48)	A	A	A	A	A	A	A	A	A	A
(Model 33)	A	A	A	A	A	A	A	A	A	A
Locomobile	Arc									
Lozier	Arc									
Marmon	Arc									
Maxwell	Arc									
Mercedes (22-70)	Arc									
(22-72)	Arc									
Mitcheb	Arc									
Moline	Arc									
Knights	A	A	A	A	A	A	A	A	A	A
(12 cyl)	A	A	A	A	A	A	A	A	A	A
Oakland (8 cyl)	Arc									
Oldsmobile (8 cyl)	Arc									
Overland	Arc									
Packard (8 cyl)	Arc									
Com 1	Arc									
Paige (6-6)	Arc									
(6-8 & 34)	Arc									
Pathfinder (12 cyl)	Arc									
Peerless (8 cyl)	Arc									
Pierce Arrow	Arc									
Com 1	Arc									
Regal (8 cyl)	Arc									
Rac	Arc									
Saxon	Arc									
Selden	Arc									
Stearns Knight (8 cyl)	Arc									
Studebaker	Arc									
Stutz	Arc									
Vellie (6 cyl)	Arc									
White (8 cyl)	Arc									
Willys Knight	Arc									
Winton	Arc									

## TRACTOR LUBRICATION

On request we will mail you a Chart specifying the correct grade of Gargoyle Mobiloils to use on each make and model of tractor.

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Specialists in the manufacture of high-grade lubricants for every class of machinery. Obtainable everywhere in the world.

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  - Philadelphia
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  - Minneapolis
  - Kansas City
  - Boston

# Wanted—Trained Engineers

High School Graduates Can Enter a Paying Profession

BY A. A. POTTER  
Dean of Engineering, K. S. A. C.

DOZENS of boys graduating from school this spring want to know "Will it pay to be an engineer?" Does the profession still bring in dollars or is it badly overcrowded? The question is answered by A. A. Potter, dean of engineering, Kansas State Agricultural college.



In order to take up any of the foregoing professional courses, a man must graduate from a standard four year high school or satisfy entrance requirements equivalent to a high school preparation.

For the instruction in the purely engineering subjects, well equipped laboratories, drafting-rooms and shops are available for the teaching of materials of construction, highway, irrigation and drainage engineering, refrigerating machinery, traction engines, hydraulic instruments and machinery, electrical instruments and machinery, surveying and geodesy, machine tool work, forging, foundry practice, woodwork, pattern making, steam engineering and gas engineering.

The value of the equipment in the laboratories, shops and designing rooms, used at the Kansas State Agricultural college, purely for the instruction of engineering students, is more than \$150,000.

The students pursuing the courses in engineering at the Kansas State Agricultural college are enabled to keep in close touch with the advanced phases of engineering research thru investigations carried on in the engineering experiment station of the Kansas State Agricultural college. This engineering experiment station was established for carrying on investigations, tests and experiments along engineering lines of value to Kansas.

The United States with abundant and diversified resources, most inventive, resourceful, and adaptable people, is capable of producing everything needed in the industries, and can compete for the world markets with the best organized and trained of nations, if more attention is given to training professional engineers, capable of directing the utilization of resources and building up the country.

The inventive genius of the American people is evidenced by the fact that of 50 greatest inventions made during the last 50 years, Americans are responsible for 36 or 72 per cent. With such adaptability for invention, there is very little surprise that engineering as a profession appeals to the average American boy. The engineering division of the Kansas State Agricultural college, with an equipment comparing favorably to that of the best engineering schools of the country and with trained and experienced teachers, can give every opportunity to Kansans who want to make engineering their life work.

## The Brown Mouse a Hit

I have just finished reading the continued story entitled the Brown Mouse. It is the best story I ever read. The truth, the community uplift, and the facts as stated in this story have no equal. Let us have another good one.  
Lebanon, Kan. G. M. Shook.

We have been taking the Farmers Mail and Breeze for two or three years and would not like to miss a single copy.—Robert A. Marlow, R. 3, Pittsburg, Kan.



# More Interest in Dairying

Western Kansas is Getting Away from One-Crop Systems

BY F. B. NICHOLS  
Field Editor

THE DAIRY business in Western Kansas has reached a far higher level than is generally realized. For example, the Merritt-Schwier Creamery Co., of Great Bend is buying butter fat from 125 stations, and about 7,500 individual farmers. It bought more than 2 million pounds of butter fat last year, for which it paid \$541,461.17. The price to the farmers ranged from 19 to 33 cents. It has been as high as 26 cents this year.

In other words, more than 1/2 million dollars was paid out by this creamery last year for a by-product of Western Kansas farms—for a product that was sold at a good profit, and which did not have the grief attached to it that comes with much of the wheat. West of Ness City you can find a good many farmers who are well satisfied with wheat, for while the rain came enough to allow a maximum production of the grain crops it did not arrive enough to bother the harvesting a great deal. East of Ness City, however, and especially around Great Bend, you can find that a great many farmers are much more disgusted with wheat than they have ever been before. It did not give a good return on a great many farms there even after all the grief the farmers went thru to handle it.

### Offerie, for Instance.

Another thing which is becoming more obvious every day in Western Kansas is that there is a very definite relation between the prosperity of a section and the amount of dairying that is done there. For an example of a community in which there is considerable interest in dairying, take Offerie. In one day last summer 86 cans of butterfat were shipped out of this station to one creamery. A great many of the farmers have made enough from dairying to greatly increase the size of their farms. Land is in considerable demand there, at prices well above the average for that section, it ranging around \$100

number of the cows were sold very promptly.

### Progress is Inevitable.

This is the rule with all herds when they are placed on a proper basis. Of course a vital thing is to get started in the dairy business, and then work into the more definite and logical systems of handling things later. When one gets a start in dairying, and once finds how much more profitable it is than any system of one-crop farming, he usually will take up the more advanced methods later.

An interesting thing in the growth of dairying in Western Kansas is that the silo idea has developed in communities and not generally over the country. G. L. Warner, the territory manager for the Merritt-Schwier Creamery Co., says that only about 500 of the 7,500 farmers selling butterfat to that company have silos—most of these are pit silos of course. The country around Bison is an interesting example of the development of silos. There are many dairy farmers in that section, and a large number of them have silos. There also are a good many silos south and west of Montezuma, but they are largely owned by the beef men—there are many good beef cattle farmers in that section. From Great Bend west through Ness City to Scott City there is a rapidly developing interest in dairying. This is along the famous Walnut creek, which contains some excellent farming land. The conditions are favorable there for developing a good type of dairy farming, which will return a much higher profit over a series of years than has been obtained from wheat.

### Jersey Records are Larger

In testing, the logical course of events is for the average production of a breed to decrease as the number of cows tested increases, due to the fact that, year



Dairy Farming in Western Kansas is Increasing Rapidly, and it is Providing a very Profitable Market for Farm Crops.

an acre, and in some cases even higher. Now at Jetmore, in a most excellent farming section, land is not so high priced. There has been a considerable decline in interest in dairying in the Jetmore community in the last three years, and the dairy shipments are not so large as they used to be. There would be a great increase in the prosperity in that section if the Hodgeman county farmers could work up a little more "pep" over dairying, and forget the too obvious interest in wheat.

Another very plain thing in the development of dairying in Western Kansas is that more attention must be paid to quality with cows if the business is to grow as it should. There is no doubt that a distressfully high proportion of the cows are being kept at an actual loss. The Babcock tester and the scales would eliminate this, as has been well shown on some of the leading farms there, such as on the Willow Meadow dairy at Dodge City and in the herds owned by the Garden City Sugar and Land Co. When the company put in the first herds it bought good Holsteins, milked them, sold the butter fat and went ahead rejoicing. The herd was making a profit, and also making a good use of the feeds that otherwise would be wasted. Then a man took charge of the proposition who knew cows—who understood that the only way to get the best results on a dairy farm was to know definitely just what the cows were doing. He got a tester and scales, and made it his special business to find out. As a result a large

after year it is becoming the custom to test entire herds, rather than only the best individuals.

During the last two years more than 2,500 tests were accepted by the American Jersey Cattle club, or almost as many as were accepted from the establishment of the register of merit, May 6, 1903, to February 1, 1914, a period of 10 1/2 years. In spite of the big influx of tests, the average milk, fat and percentage of fat from Jerseys has steadily increased.

On February 2, 1914, 2720 year records had been accepted. These records were made by 1015 2-year-olds, 516 3-year-olds, 299 4-year-olds and 890 mature cows, and the average of all tests was 7,673 pounds milk and 481 pounds 85 per cent butter, with an average of 5.33 per cent fat.

February, 1915, found the average of 3708 tests of all ages, 7,774 pounds of milk, 487 pounds of butter. These 1,000 additional records, show increased averages of 101 pounds and 6 pounds butter.

As compared with the condition in February, 1914, the register of merit averages have increased 119 pounds of milk, 9 pounds of butter and .02 per cent of fat.

### Jersey Cattle Club to Meet

The forty-eighth annual meeting of The American Jersey Cattle club will be held at the club house, 324 West Twenty-third street, New York City, Wednesday morning, May 3, 1916, at 11 o'clock.



**War or no war, these labels mean Quality at the Moderate Price!**

You know that the great world-war has sent prices sky-high. But not the price of Styleplus! It remains at \$17, always, everywhere, invariable in face of big world changes. And the Quality is always there, too,—the best in the world for the money!

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Adds little weight—adds little room. Can be used for many purposes. As easy to carry about as a bag of potatoes. Write for descriptive literature.

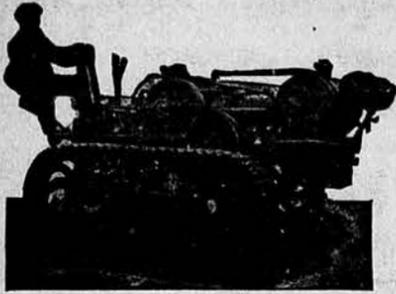
Hoban Manufacturing Co., 185 Barclay St., Milwaukee Wis.

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by advertising. Everyone knows that so well that it isn't necessary to insist upon it. We are not arguing that you will make a fortune by advertising in Farmers Mail and Breeze. But we do claim that there is no reason why you should not do what others are doing, add substantially to your income by advertising in the columns of this paper and we are not sure you may not find yourself on the way to a fair fortune. Look over our advertising columns, the display and the classified columns. You know what our readers buy that you have to sell, poultry and eggs for hatching, hogs, cattle, horses, land, seed corn and good seeds of about every kind. One man sold \$3,000 worth of seed by spending \$5 for advertising space in one of the Capper Papers. That is an extreme case, of course, but there is a big market for what you have to sell. Our readers will furnish the market. Rates are given in this paper. They are low for the circulation. If the rates are not clear to you ask us for them, addressing Advertising Department, Farmers Mail and Breeze, Topeka, Kan.



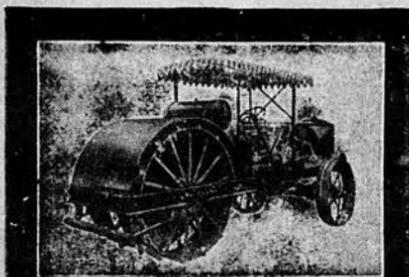
Bullock Creeping Grip Tractor

# WARNING!

TAKE NOTICE, that suit has been commenced in the United States District Court for the Northern District of California against the Holt Manufacturing Company, Stockton, California, and Peoria, Illinois, for infringement of the United States Letters Patent No. 737,779, owned by the Bullock Tractor Company, covering certain claims on which the United States Patent Office issued letters patent on the track-laying type of tractor.

All persons are warned that the buyer and seller are equally liable for infringement with the manufacturer putting out a tractor embodying the claims covered by this patent. Be sure and see that any tractor of like construction offered you has a proper license under this patent.

**BULLOCK TRACTOR COMPANY**  
CHICAGO : : ILLINOIS



## The Kinnard FOUR PLOW Tractor

### Think This Over

Better pay a little more for a small tractor that will pull four plows. You will be better satisfied and it will be cheaper in the end.

THE "KINNARD" WILL PULL FOUR PLOWS AND IS BUILT FOR SERVICE.

Our 1916 Catalog gives details.

**KINNARD-HAINES CO.**  
854-44th Ave. No. Minneapolis, Minn.

## Raise Your Calves

on **Blatchford's Calf Meal**  
and **Sell the Milk**

BOOKLET FREE  
**R. O. COE, TOPEKA, KAN.**

## Keeping Up With Lizzie

(Continued from Page 3.)

worse'n Sam an' Bill an' Ephraim, but I told 'em how I'd read that there was so much gold in the world it kind o' set me ha' rin'.

"Ye know I had ten acres o' wornout land in the edge o' the village, an' while others bought automobiles an' such luxuries I invested in fertilizers an' hired a young man out of an agricultural school an' went to farmin'. Within a year I was raisin' all the meat an' milk an' vegetables that I needed, an' sellin' as much ag'in to my neighbors.

"Well, Pointview under Lizzie was like Rome under Theodora. The immorals o' the people thro' an' grew. As prices went up decency went down, an' wisdom rose in value like meat an' flour. Seemed so everybody that had a dollar in the bank an' some that didn't bought automobiles. They kept me busy drawin' contracts an' deeds an' mortgages an' searchin' titles, an' o' course I prospered. More than half the population converted property into cash an' cash into folly—automobiles, piano-players, foreign tours, vocal music, modern languages, an' the aspirations of other people. They were puttin' it on each other. Every man had a deep scheme for makin' the other fellow pay for his fun. Reminds me o' that verse from Zechariah, I will show them no mercy, saith the Lord, but I will deliver every man into the hand of his neighbor.' Now the baron business has generally been lucrative, but here in Pointview there was too much competition. We were all barons. Everybody was taxin' everybody else for his luxuries, an' nobody could save a cent—nobody but me an' Eph Hill. He didn't buy any automobiles or build a new house or send his girl to the seminary. He kept both feet on the ground, but he put up his prices along with the rest. By-an'-by Eph had a mortgage on about half the houses in the village. That showed what was the matter with the other men.

"The merchants all got liver-complaint. There were twenty men that I used to see walkin' home to their dinner every day or down to the postoffice every evenin'. But they didn't walk any more. They scud along in their automobiles at twenty miles an hour, with the whole family around 'em. They looked as if they thought that now at last they were keepin' up with Lizzie. Their homes were empty most o' the time. The reading-lamp was never lighted. There was no season o' social converse. Every merchant but Eph Hill grew fat an' round, an' complained of indigestion an' sick-headache. Sam looked like a moored balloon. Seemed so their morals grew fat an' flabby an' shifless an' in need of exercise. Their morals travelled too, but they travelled from mouth to mouth, as ye might say, an' very fast. More'n half o' 'em give up church an' went off on the country roads every Sunday. All along the pike from Pointview to Jerusalem Corners ye could see where they'd laid humbly on their backs in the dust, prayin' to a new god an' trying to soften his heart with oil or open the gates o' mercy with a monkey-wrench.

"Bill came into my shop one day an' looked as if he hadn't a friend in the world. He wanted to borrow some money.

"'Money!' I says. 'Wha' makes ye think I've got money?'

"'Because ye ain't got any automobile,' he says, laughin'.

"'No,' I says. 'You bought one, an' that was all I could afford.'

"'It never touched him. He went on as dry as a duck in a shower. 'You're one o' the few sensible men in this village. You live within yer means, an' you ought to have money if ye ain't.'

"'I've got a little, but I don't see why you should have it,' I says. 'You want me to do all the savin' for both of us.'

"'It costs so much to live I can't save a cent,' he says. 'You know I've got a boy in college, an' it costs fearful. I told my boy the other day how I worked my way thru school an' lived on a dollar a week in a little room an' did my own washin'. He says to me, 'Well, Governor, you forget that I have a social position to maintain.'

"'He's right,' I says. 'You can't expect him to belong to the varsity crew an' the Dickey an' the Hasty-Puddin' Club an' dress an' behave like the son of an ordinary grocer in Pointview, Connecticut. Ye can't live on nuts an' raisins an' be decent in such a position. Looks to me as if it would require the combined incomes o' the grocer an' his lawyer to maintain it. His position is likely to be hard on your disposition. He's tryin' to keep up with Lizzie—that's what's the matter.'

"'For a moment Bill looked like a lost dog. I told him how Grant an' Thomas stood on a hilltop one day an' saw their men bein' mowed down like grass, an' by-an'-by Thomas says to Grant, 'Wal, General, we'll have to

move back a little; it's too hot for the boys here.'

"'I'm afraid your boy's position is kind of uncomf'table,' I says.

"'I'll win out,' he says. 'My boy will marry an' settle down in a year or so, then he'll begin to help me.'

"'But you may be killed off before then,' I says.

"'If my friends 'll stand by me I'll pull thru,' says he.

"'But your friends have their own families to stand by,' I says.

"'Look here, Mr. Potter,' says he. 'You've no such expense as I have. You're able to help me, an' you ought to. I've got a note comin' due tomorrow an' no money to pay it with.'

"'Renew it an' then retrench,' I says. 'Cut down your expenses an' your prices.'

"'Can't,' says he. 'It costs too much to live. What 'll I do?'

"'You ought to die,' I says, very mad.

"'I can't,' says he.

"'Why not?'

"'It costs so much to die,' he says. 'Why, it takes a thousan' dollars to give a man a decent funeral these days.'

"'Wal,' I says, 'a man that can't afford either to live or die excites my sympathy an' my caution. You've taxed the community for yer luxuries, an' now ye want to tax me for yer notes. It's unjust discrimination. It gives me a kind of lonesome feelin'. You tell your boy Dan to come an' see me. He needs advice more than you need money, an' I've got a full line of it.'

"'Bill went away richer by a check for a few hundred dollars. Oh, I always know when I'm losin' money! I'm not like other citizens o' Pointview.

"Dan came to see me the next Saturday night. He was a big, blue-eyed, handsome, good-natured boy, an' dressed like the son of a millionaire. I brought him here to the office, an' he sat down beside me.

"'Dan,' I says, 'what are your plans for the future?'

"'I mean to be a lawyer,' says he.

"'Quit it,' I says.

"'Why?' says he.

"'There are too many lawyers. We don't need any more. They're devourin' our substance.'

"'What do you suggest?'

"'Be a real man. We're on the verge of a social revolution. Boys have been leaving the farms an' going into the cities to be grand folks. The result is we have too many grand folks an' too few real folks. The tide has turned. Get aboard.'

"'I don't understand you.'

"'America needs wheat an' corn an' potatoes more than it needs arguments an' theories.'

"'Would you have me be a farmer?' he asked, in surprise.

"'A farmer!' I says. 'It's a new business—an exact science these days. Think o' the high prices an' the cheap land with its productiveness more than doubled by modern methods. The country is longing for big, brainy men to work its idle land. Soon we shall not produce enough for our own needs.'

"'But I'm too well educated to be a farmer,' says he.

"'Pardon me,' I says. 'The land 'll soak up all the education you've got an' yell for more. Its great need is education. We've been sending the smart boys to the city an' keeping the fools on the farm. We've put everything on the farm but brains. That's what's the matter with the farm.'

"'But farming isn't dignified,' says Dan.

"'Pardon me ag'in,' says I. 'It's more dignified to search for the secrets o' God in the soil than to grope for the secrets o' Satan in a lawsuit. Any fool can learn Blackstone an' Kent an' Greenleaf, but the book o' law that's writ in the soil is only for keen eyes.'

"'I want a business that fits a gentleman,' says Dan.

"'An the future farmer can be as much of a gentleman as God 'll let him,' says I. 'He'll have as many servants as his talents can employ. His income will exceed the earnings o' forty lawyers taken as they average. His position will be like that o' the rich planter before the war.'

"'Well, how shall I go about it?' he says, half convinced.

"'First stop tryin' to keep up with Lizzie,' says I. 'The way to beat Lizzie is to go toward the other end o' the road. Ye see, you've dragged yer father into the race, an' he's about winded.

"Turn around an' let Lizzie try to keep up with you. Second, change yer base. Go to a school of agriculture an' learn the business just as you'd go to a school o' law or medicine. Begin modest. Live within yer means. If you do right I'll buy you all the land ye want an' start ye goin'.'

"'When he left I knew that I'd won my case. In a week or so he sent me a letter sayin' that he'd decided to take my advice.

"'He came to see me often after that. The first we knew he was goin' with Marie Benson. Marie had a reputation for good sense, but right away she began to take after Lizzie, an' struck a tolerably good pace. Went to New

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York to study music an' perfect herself in French.

"I declare it seemed as if about every girl in the village was tryin' to be a kind of a princess with a full-jewelled brain. Girls who didn't know an adjective from an adverb an' would have been stuck by a simple sum in algebra could converse in French an' sing in Italian. Not one in ten was willin', if she knew how, to sweep a floor or cook a square meal. Their souls were above it. Their feet were in Pointview an' their heads in Dreamland. They talked o' the doin's o' the Four Hundred an' the successes o' Lizzie. They trilled an' warbled; they pounded the family piano; they golfed an' motored an' whistled; they engaged in the titivation of toy dogs an' the cultivation o' general debility; they ate caramels an' chocolates enough to fill up a well; they complained; they dreamed o' sunbursts an' tiaras while their papas worried about notes an' bills; they lay on downy beds of ease with the last best seller, an' followed the fortunes of the bold youth until he found his treasure at last in the unhidden chest of the heroine; they created what we are pleased to call the servant problem, which is really the drone problem, caused by the added number who toil not, but have to be tolled for; they grew in fat an' folly. Some were both ox-eyed an' peroxide. Homeliness was to them the only misfortune, fat the only burden, and pimples the great enemy of woman.

"Now the organs of the human body are just as shiftless as the one that owns 'em. The systems o' these fair ladies couldn't do their own work. The physician an' the surgeon were added to the list o' their servants, an' became as necessary as the cook an' the chambermaid. But they were keeping up with Lizzie. Poor things! They weren't so much to blame. They thought their fathers were rich, an' their fathers enjoyed an' clung to that reputation. They hid their poverty an' flaunted the flag of opulence.

"It costs money, big money an' more, to produce a generation of invalids. The fathers o' Pointview had paid for it with sweat an' toil an' broken health an' borrowed money an' the usual tax added to the price o' their goods or their labor. Then one night the cashier o' the First National Bank blew out his brains. We found that he had stolen eighteen thousand dollars in the effort to keep up. That was a lesson to the Lizzie-chasers! Why, sir, we found that each of his older girls had diamond rings an' could sing in three languages, an' a boy was in college. Poor man! he didn't steal for his own pleasure. Everything went at auction—house, grounds, rings, automobile. Another man was caught sellin' under weight with fixed scales, an' went to prison. Henry Brown failed, an' we found that he had borrowed five hundred dollars from John Bass, an' at the same time John Bass had borrowed six hundred from Tom Rogers, an' Rogers had borrowed seven hundred an' fifty from Sam Henshaw, an' Henshaw had borrowed the same amount from Percival Smith, an' Smith got it from me. The chain broke, the note structure fell like a house o' cards, an' I was the only loser—think o' that. There were five capitalists an' only one man with real money."

TO BE CONTINUED.

**Those Bills—Tires, Gas, Oil**

(Continued from Page 17.)

your car gives on greases and oils. For instance, establish an inspection point at every 500 miles of your speedometer. At those points go over your grease cups, turn them down and fill them up again; look into your differential; see if your universal has enough grease; observe your clutch, if it has separate oiling system; look at the transmission, observe the motor itself and learn if the oil is at the proper level and all the feed pipes free. Give the magnets a drop or two of oil. Every 2,000 to 3,000 miles the crank case should be drained free of all the old oil, washed out with kerosene, and the cylinder washed. Then new, fresh oil should be put in. The cost is nothing compared to the results. The steering gear should be cleaned two or three times a year by pouring kerosene oil thru it. This cuts out a great deal of the grit that accumulates, drawn in thru the radiator, and makes the handling of the car much less of an effort. Occasionally cleaning of the knuckle joints will help also."

**His Task**

A little boy only 6 years old was boasting that he worked in a blacksmith shop.

"What do you do there?" he was asked. "Do you shoe horses?"

"No, sir!" he answered promptly. "I shoe flies."

**Back to Rag Carpets**

BY H. A. HUFF,  
Dickinson County.

If I thought that only the men read the Farmers Mail and Breeze, I shouldn't write this piece, but I know the women read it. Mother went visiting the other day, a regular old fashioned visit; went before dinner and stayed all afternoon, in an old fashioned home presided over by a fine, old fashioned woman who is proud that she's 70. With her lives her old uncle who is past 90 and "still hale and hearty," and her son.

These people have revived an old fashioned trade, that of making carpets out of rags. They have had their loom for more than a year. The son does the work while the mother supplies the color and design. Think of taking old blue overalls, wornout clothing of all kinds and colors, making them into rags, sorting them out, and combining them so as to make a rug that is a work of art. It takes work to make the rags, but it is work that the grandmothers can do, and also the little girls learning to sew. After the rags are sewed, a few cents for the chain, and the result is a beautiful and serviceable rug. As the rags used in making these rugs have been washed several times and have faded all they are likely to fade, the rugs can be put in a washing machine, and washed and made to look like new.

Old worn out ingrain carpets are cleaned, then cut on the bias, and made more fluffy by rubbing them on a washboard the same as you would wash clothes but without water, and then woven into rugs. When the colors are right the result is remarkably fine. Those delicate blues and browns found only in high priced rags can be made into rugs in this old fashioned manner at slight cost. Mother has always cut her rags on the straight but this woman says that rags cut on the bias look much better when woven. An old bedtick cut that way made one fine rug and an old bed spread made a rug like a thick turkish towel.

They buy their warp by the box and sometimes put on enough warp to make 60 yards of carpet at one time. If you want 20 yards of that kind of chain, they start in and weave you that much and then cut your carpet or rug off and start on the next man's work.

During the last week I have been busy making my hotbeds and getting my sweet potatoes started. The first thing that I do is to take a team and a walking plow and plow four furrows where I want my hotbed. I throw two furrows each way and that brings a middle furrow in the center. It makes a bed about 5 feet wide and I dig this hole out to a depth of about 1 foot and fill it with manure. I tramp it down solid and then put about 4 inches of dirt on top of it. Then I take the boards for the sides of the bed and put them on top of this dirt, and nail them together. Then I level the dirt off perfectly smooth with a garden rake, and I am ready to put in the potatoes. I do not try to put in the potatoes so that they do not touch, as some persons do, but put them in and spread them around so that they are not piled too deep. Some persons lay each potato where they want it but I do not. I have as good success with this method as the other and it does not take nearly so much time. After the potatoes are all in cover them with 3 or 4 inches of sandy ground. If you are going to use a horse planter cover them deeper than if you plant by hand. My experience has been that the longer plant you can plant the better crop you will get. A short plant is easier to set by hand than a long one. After I get the potatoes covered I cover the bed with galvanized iron, or you can use common black iron. I use the kind they use for roofing as it is easy to put on and take off. I made one hotbed last year and did not put anything over it, and the plants in it seemed to do as well as the ones that I went to the trouble to cover every night.

I find that some of my seed potatoes have spoiled quite badly while some of them are in fine condition. The Yellow Jersey and the Red Bermuda seem to keep the best of the kinds that I have and the vineless has spoiled the worst.

I do not want to miss a copy of the Farmers Mail and Breeze. Every farmer should be a subscriber to this paper.—Albert G. Requa, Caney, Kan.

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**Tom McNeal's Answers**

(Continued from Page 9.)

company evidently failed to keep their agreement to take up the note. They got his money and kept it, according to his statement. However this does not help Mr. Fleury. There is nothing in his statement to show that he has any defense as against the bank, and I fear he will have to pay the note again. Of course what he should have done was to pay the note to the bank and then collect, if possible, his claim for loss from the company. In that event he, at the worst, would not have had to pay his note more than once. Not having done that when he sent his check to the company he should have notified the bank at once and asked the bank to notify him if it had received the money. However, Mr. Fleury naturally supposed that he was dealing with honest men, when he dealt with the insurance company in which supposition, judging from his letter he seems to have been sadly mistaken. I wish it were different but I fear that he is stuck for the payment of that note.

**As to Garnishment.**

How much can I be compelled to pay monthly on a grocery bill? I am earning \$65 a month.

**INTERESTED SUBSCRIBER.**

Your creditor cannot, of course, compel you to pay any amount except by bringing suit against you and attaching your wages under the provisions of the garnishment law. If he does that, and gets judgment against you he can garnishee 10 per cent of your wages, which in your case would be \$6.50 a month. Whatever arrangement you may make to prevent suit being brought will be simply an agreement between you and the merchant.

**Who Will Inherit?**

A was a Union soldier, a widower with children. Afterward he married B and had children by her. He died leaving some property. The widow got away with most of it, then took a homestead. She has drawn a pension since her husband's death and has some property. Will A's older children inherit part of her property or will it go to her one living child? C. E. F.

The homestead will go to her child. If there is any of A's property left half of it would go to his widow and thru her to her child. The other half would be divided equally among all of his children.

**Duns by Telephone.**

What is the law against a creditor who duns a debtor over the rural telephone line, a party line with 17 persons on the line, or by telegraph or open mail? X. Y. Z.

There is, so far as I know, no law in Kansas which would punish a creditor for notifying a debtor over the rural telephone that his debt is due for payment. If the creditor persisted in this form of dunning his debtors the court might grant an injunction on the ground that he was annoying and harrasing the debtor to mortify him, and put him to shame before his neighbors. The United States law forbids the sending of duns by postal card or other open mail; the punishment would be fine or imprisonment in the discretion of the court. The use of the telegraph would come under the same rule as the use of the telephone. There is no particular statute providing any penalty for using the telegraph for such purposes.

**Mad Stones.**

Has the madstone which comes from a deer's stomach any value, and where could I learn about it? READER.

Physicians, I think, are practically unanimous in the opinion that there is no virtue in the so called "madstone." However, many persons have implicit faith in it. Personally, I do not pretend to know. I shall relate one case which came under my personal observation which would seem to indicate that there may be some virtue in this madstone. Perhaps 30 years ago, near the little frontier hamlet of Sun City, Barber county, a dog—presumably—went mad. It bit several other animals, mostly calves. I was told that all of these afterward died of what was supposed to be hydrophobia. The dog also bit two or three of the children of a Mr. Adams. Adams learned that there was a man in Kansas City named Dickerson, who had a "madstone." He took the children to Kansas City and Dickerson applied the stone to the wounds. I happened to be there and saw the application made. When first applied the stone adhered tightly but after a time seemed to absorb all it would hold and dropped off. It was then boiled in milk and applied

again until finally it seemed to refuse to adhere any more.

The wounds on the children healed and never gave any of them any trouble so far as I ever heard. The calves and other animals bitten by the dog died. That case might not have proved anything. It is possible, for instance, that for some reason none of the hydrophobia germs were communicated to the children by the dog. It is also possible that the animals bitten by the dog died from some other cause. I suspect, however, that it would be impossible to make the Adams family believe that there is no virtue in a "madstone."

**A Young Man's Note.**

I am a young man past 21 years old. I have been sued on a note. If I work for my father for a season he intends to send me to school. Can my father be forced to pay the note, or will the holders of the note have to wait until I have finished school and get employment? SUBSCRIBER.

If your father did not sign the note and if the debt was not contracted until you had reached your majority he cannot be compelled to pay it, of course. If you mean, however, to ask whether, in case you are employed by your father your wages can be garnished in the hands of your father, I should answer yes, if there is an agreement as to what the wages shall be in money. If you work for your father without wages, but with the understanding on his part that in consideration of your remaining with him on the farm after you are of age he will at a future time pay all or part of your expenses at school, I do not think a garnishment would lie, for the reason that an attachment implies something definite to attach. The court might hold, however, that there was an implied contract on the part of your father to pay you what your services were reasonably worth, and that the amount would be determined by custom and would be subject to garnishment up to that amount.

Finally the question comes to my mind, do you really owe the debt? If you do then pay it or arrange to pay it before you go away to get your education. An education is a valuable thing, young man, but a reputation for integrity and honor is worth more than any college education. You would better work and wait a year and then go to college with an unsullied reputation for integrity, than to get thru a year sooner by beating your creditors.

**Rent and Renter's Rights.**

A owns a farm and stock and farm implements. He rents it to B who is to receive one-third of all crops raised, and one-third of all increase of the stock except the horses. B has a contract with A providing that the stock must be divided August 1, but the contract does not specify when B is to turn the land over to A. If B moves off the land August 1, can he return and take care of his corn crop, part of the corn crop being on the land subleased by A to B? There are on this piece of land subleased by A to B, all spring crops; who has a right to the owner's third of the oat straw, A or B? Y. M. W.

Under the terms of the lease as you state it, B did not have to give possession August 1 and if he did it must have been with an implied contract or understanding that he would have the right to go on the land and take care of his share of the crop. He has the right to go on for that purpose.

I take it that B leased the land on which is the oat straw from the owner and subleased it to B which could be done only with the consent of the owner of the land. If the owner of the land was or is entitled to one-third of the straw then neither A nor B has any right to it.

**A Peculiar Question.**

Here in Kansas in case a man dies and leaves a woman, can he entail real estate before his death so the woman would be powerless to do as she should like to do? SUBSCRIBER.

I presume this subscriber uses the word "woman" as meaning wife. If so her husband cannot dispose of his real estate so as to deprive her of her half interest in it. He can will half of it as he pleases but the other half is hers when he dies, and she can do with it "as she should like to do" provided of course that she does not use it for illegal purposes.

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**Farm News in Johnson**

BY ROBERT McGRATH.

The hens are making up for idle time last winter. Every buggy one meets is loaded with egg cases or buckets filled with eggs. Merchants are paying well for eggs. They are 18 cents at this writing.

Our hens made a high record April 1. On that day my wife and I gathered 200 from a flock of 250 birds. It was a pleasing April fool's stunt, for that was the record this year. Our flock is a mixture of breeds; Buff Orpingtons, Brown Leghorns and Buff Langshans predominating. A banker in our town sent out little memorandum books for keeping records of the number of eggs for every day in the year. Such records are handy, useful and interesting to keep. A great number are keeping them faithfully. Whenever meetings in the neighborhood bring several women together they bring along their egg record books and make comparisons. The scores all tally high now.

Warm weather soon awakens insect as well as plant life. Before I saw an Easter lily, a swarm of mosquitoes, a bee, and several large flies were seen. The mites also were then noticeable but were slow and inactive. We daubed all the crevices and cracks in henhouses and other roosting places with a mixture of whitewash and carbolic acid. This destroys the majority of them. One mite now is the same as 10,000 later on, it being estimated that one mite and its offspring multiply to that number in one season.

We had lettuce, onions, cabbage, tomatoes and parsnips in the ground before April 1. An earlier sowing had been intended but since this region was visited by such a touch of winter we were glad the garden truck was underground.

The corn planter of all implements on the farm should be in good working order. There are many old planters put up at public sale which are ready for the junk pile. I think the best investment possible is a good corn planter. Such an implement if taken care of will last a life time and more than pay for itself every year.

An old orchard on this farm showed signs of decay four years ago. We knew then something had to be done or we would be left without fruit. A new orchard was set out in a different place and now it is bearing fruit. The old orchard served its purpose well, keeping us and our father in apples for 40 years. At the time it was planted there was a hedge fence set around the orchard. This windbreak protected the trees so well that it rarely happened there was no fruit. One by one as the old trees died, they were cut down and burned until now only three remain. These bore apples last year but it was their last effort.

The breeding question is now giving owners of brood mares concern. There are high-priced sires and low priced sires to breed to and often one is led to patronize the lower priced horses on account of the cheaper service. We believe no greater mistake can be made than to sacrifice quality for a few dollars. Unless one has good material to work on, no amount of feed and care can develop it into a large, well rounded horse.

Before the drouth was broken a few owners of wheat fields became discouraged at the poor prospects the wheat showed and so they plowed it under. Others intended to do the same thing but the rain came. It was then only a few days until the fields put on a different appearance and those who plowed up their wheat had bad dreams. To date the prospects are very favorable for a good crop of wheat.

**This Horse is Very Nervous**

We have a mare that was gentle and not afraid of anything, before her last colt was born. This colt is a year old this spring. The mare got scared last fall, and she has been a fool ever since. Sometimes when she is hitched to the buggy she hardly can wait to start, and will rear and jump. She has worked but little since we have had her. Can you tell me what to do to make her gentle again, so that I can take my children in the buggy when I drive her?  
C. J.

The most frequent cause of extreme nervousness in horses is poor eyesight. As soon as the eyes do not perform their function properly the animal imagines many things, causing it to become nervous and irritable. It generally is conceded that a blind horse is to be preferred to one that sees imperfectly. Of course, it is possible that the mare became diseased in some way at the time

of foaling, and that this disease is acting as a source of irritation to her.

I recommend that you have a competent graduate veterinarian examine the eyes and if anything is found wrong with them treat them according to the nature of the disease. If the eyes are all right have the organs of generation examined and if a diseased condition is found, treat it according to its nature.

In addition to the foregoing you might give the animal 1 ounce of bromide of soda in the drinking water daily. This drug does not cure any disease, but simply acts as a sedative or soothing agent. It does not remove the cause of the disease, and, therefore, its use alone would simply hide the nervous symptoms.

Dr. R. R. Dykstra.

Kansas State Agricultural College.

**Keep the Seed Pure**

Since I was so disappointed once in buying high priced, guaranteed broom-corn seed and having it turn out a mixture of everything from cane to corn, I have got so I am a pure seed crank. Not that I regret paying a good price for what I had reason to believe was good seed, or that I am still regretting my loss, for I learned a valuable lesson, and I notice in life good lessons come high. I think it would pay every farmer to raise his own seed; select the best heads and keep it from mixing.

Any kind of sorghums, kafir, broom-corn, feterita and everything of that nature will cross if planted near enough together. Of course it will not show the first year and you may think you

A year ago in Kansas, the politicians of an outgoing political party sought to damn the incoming administration by loading the state's appropriation bills with a million dollars in "pork" thinly disguised as new buildings and improvements and extensions for state institutions. The legislature checked-off some of it, and Governor Capper, exercising his veto power to the limit of the law, cut off much more; the rest went thru. Kansas institutions are being well taken care of, not excepting its state's prison, which a bipartisan investigating committee appointed by the new administration, found in a deplorably demoralized condition. Its new warden, Coddling, is a prison warden of national reputation. A well considered plan for making it a modern and a model prison is being carried out based on expert investigation of its needs. Kansas is not a "cheap john" state, nor a tight-wad state, but it has suffered from that bane of all commonwealths, cheap politics.

have fine seed, but the cross will show up as the plants mature the next year.

This is my plan: Between each field of anything of a sorghum nature, I plant a generous strip of Indian or field corn, wide enough that the pollen from one field cannot blow across and fertilize another. If by chance a few stalks of something else should show up in a field, go thru and cut them out before they bloom.

I like to try new grains, too, as they come out, and in planting them this way I can save an abundance of seed if it proves good or discard it if it is bad. Have tried about all the new sorghums I have heard of but for various reasons discontinued planting all except Black-hulled White kafir, White milo, Yellow milo, feterita and Sudan grass. Last year was my first for Sudan grass, and I liked it fine for hay. Get the best you can and make it better every year by careful handling and seed selection.  
L. W. Bauersfield.

Liberal, Kan.

**Keep Hogs From Fighting**

When hogs from different pens are turned together there is generally a free for all fight among them. To avoid this one successful Kansas hog raiser sprinkles them all with diluted hog dip. Any "loud smelling" liquid will do. All are thus made to smell alike; party factions are eliminated; they don't know who's who nor why, and strife with its costly consequences, is unknown.  
Morrill, Kan. F. E. Poister.

**LINCOLN PAINTS AND VARNISHES**  
TRADE MARK

**Explanation of Map**

Symbol	Formula	Humidity	Climate
Triangle - No. 1	80 & over	Damp	
Square - No. 2	65 to 75	Medium	
Circle - No. 3	50 to 60	Dry	
Cross - No. 4	Under 50	Very Dry	

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### "Farming It"

Doesn't that title fit the picture nicely? Now, let us look at picture No. 2. The woman is offering to help the man out by paying off his debts. Think of all the possible titles you can. First you would look under the letter "W" for some such title as "Woman Gives," or "Woman's Friendship," but you would not find any such titles. So you would turn to the letter "M" and look for some such title as "Man's Friend," or "Man's Comforter," but still you would not find any such titles. HALT! you say to yourself. Why didn't I think of it in the first place? The woman is very plainly offering the man money to pay off his debts, so she is his benefactress, and you would at once look under the letter "B" and there you would find the title

### "Benefactress, The"

Isn't that a splendid title for the picture? That's the way you find the titles to the 32 pictures in the game. Isn't it lots of fun? You can find the best titles to the pictures as well as anyone. Send in the coupon below and we will send you complete information about this wonderful game, and we'll send it to you absolutely FREE.

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## A Place For Everyone to Go

### Wisconsin Decides the Schoolhouse Belongs to the People

BY VEDA GROUP

"WHY, they use the schoolhouse for everything!" was the surprised comment of a chance visitor at a Wisconsin Social Center. And they did. That was several years ago, when the Social Center idea was yet new, and the doors of the schoolhouse were just beginning to swing open out of school hours.

Today in many a community the schoolhouse is the true center of community life. It is a polling place, a place for play and recreation, a place of discussion of vital questions of the day, a concert and lecture hall. Yet the idea is not altogether new.

True Social Center meetings, with a welcome to every member of the community, have been held in Wisconsin, as in other states, from an early date. As early as March 20, 1854, a public meeting was held in a schoolhouse at Ripon. All the people of the community who were interested met for the discussion of questions touching the community welfare. But at that meeting the Republican party was born. And with party formation the gatherings became factional and exclusive. They could no longer be termed "Social Center" meetings.

This use of school buildings of the state by factions—political parties, church societies, and various organizations—continued for a number of years. But many petty troubles arose, and by 1885 a decided tendency to close the schoolhouse against public use had arisen.

Then, in 1910, Edward J. Ward, "the discoverer of the schoolhouse," came to Wisconsin from successfully initiating the work in New York. In that year the University of Wisconsin established a Bureau of Social Center Development as a part of its extension work and placed Mr. Ward in charge.

The next year the state legislature passed a law providing that: "Where the citizens of any community are organized into a nonpartisan, nonsectar-

ian, nonexclusive association for the presentation and discussion of public questions—the school board or other body having charge of the schoolhouses or other public properties which are capable of being used as meeting places for such organization, when not being used for their prime purpose, shall provide, free of charge, light, heat and janitor service, and shall make, such other provisions as may be necessary for the free and convenient use of such building or grounds, by such organization for weekly, bi-weekly, or monthly gatherings, at such times as the citizens' organization shall request or designate. All such gatherings shall be free to the public."

ter meeting, and an annual summer picnic at Devil's Lake. Each club meets every two weeks. There is a growing sentiment in favor of organizing more county Country Life associations. Three farmers' clubs were organized in Walworth county during the past year. Of the 38 county superintendents who replied to questions sent out by an investigation committee all stated that special day-school programs are being given in nearly all the schools of their respective counties, with occasional programs of a more general nature. Nineteen counties report basket sociables in connection with programs, the money raised being used for improvement of the school equipment.

Columbia county with 142 rural schools reports that 68 per cent have had sociables of some kind once or more during the past two years, and the number is increasing. In 1912 seventy-one parents' meetings with lantern pictures and talks were held. By February, 1913, calls were made for 76 such meetings.

Central country school graduation exercises are held in 16 counties of the state. Fifteen counties have local graduation exercises. In Eau Claire county last year exercises were held at four places, and in Chippewa county at three.

School and inter-school contests are often held—the subjects ranging from spelling and adding to breadmaking, athletics, and alfalfa. Many rural schools hold monthly contests in produce exhibits. Forty-one superintendents reported county fairs last year, 37 with educational departments, and 33 including farm products raised by the children.

But the social center activities are not confined to rural communities. Madison and Milwaukee, the two most important cities of the state, are prominent in this work. Two and a half years ago Milwaukee, in co-operation with the Bureau of Social Center Development of the University of Wisconsin Extension division, began the work of organization. Today twelve neighborhoods are

Sample Picture No. 1



Sample Picture No. 2



The Basement Gives Chance For Many Social Activities

organized. A special tax has been voted to provide for the use of school buildings, and a large sum is saved annually by using them as polling places. Moving pictures have just been installed in several of the schools, free to the community.

In Madison organizations have been formed in each district and the schoolhouses have come to be used as playing places. The high school is used for gymnasium work outside of regular school activity, business men's classes being formed under the direction of the physical director. The Randall building, constructed definitely for social center work, with capacious auditorium and ample gymnastic facilities, is used for social meetings and dancing every Tuesday night.

Superior, too, has taken up the work in an active way. And the use of school buildings in small towns is growing. Now the question of paid social center secretaries has arisen. Some leaders in Wisconsin are of the opinion that the very essence of the Social Center idea demands that the services of a secretary to the citizens organized for deliberation are as worthy of recognition and remuneration as the services of the clerk to aldermen, legislators, congressmen, or other subcommittees of the citizens; and that the directing of young people's recreation is as worthy of payment as the teaching of children. A bill providing for paid secretaries will be presented to the state legislature in November of this year. Kenasha, Milwaukee, Oshkosh, Superior, and West Allis now have paid workers.

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# Warm Spring Weather Again

## From 1 to 6 Inches of Snow was Reported in Kansas April 7

BY OUR COUNTY REPORTERS

CHEYENNE 17 1/10	RAWLINS 19 1/10	DECATUR 22 2/10	NORTON 22 2/10	PHILLIPS 22 2/10	SMITH 23 2/10	JEWELL 26 2/10	REPUBLIC 28 2/10	WASHINGTON 31 2/10	MARSHALL 35 2/10	NEMAHA 32 2/10	BROWN 33 2/10
SHEPHERD 16 2/10	THOMAS 17 1/10	SHERIDAN 20 2/10	GRAHAM 20 2/10	ROOKS 21 2/10	OSBORN 24 2/10	MITCHELL 25 2/10	CLOUD 24 2/10	CLAY 31 2/10	OSAGE 34 2/10	JACKSON 34 2/10	DOUGLASS 36 2/10
WALLACE 16 2/10	LOGAN 17 1/10	GOVE 19 2/10	TREGO 26 2/10	ELLIS 23 2/10	RUSSELL 24 2/10	LINCOLN 25 2/10	OTTAWA 25 2/10	BUTLER 31 2/10	FRANKLIN 32 2/10	LYON 33 2/10	ALFAMA 38 2/10
GREELEY 15 2/10	WICHITA 15 2/10	SCOTT 17 2/10	LANE 18 2/10	NESS 21 2/10	RUSH 21 2/10	DARTON 25 2/10	WORTH 24 2/10	HARRISON 31 2/10	MARION 31 2/10	CHAS. COFFEY 31 2/10	ANDERSON 38 2/10
HAMILTON 15 2/10	KEARNEY 15 2/10	FINNEY 19 2/10	HODGEMAN 19 2/10	PAWNEE 22 2/10	STAFFORD 22 2/10	RENO 28 2/10	HARVEY 30 2/10	BUTLER 30 2/10	GREENWOOD 34 2/10	WOODSON 35 2/10	ALLEN 37 2/10
STANTON 16 2/10	GRANT 16 2/10	HASKELL 18 2/10	GRAY 19 2/10	EDWARDS 22 2/10	PRATT 22 2/10	KINGMAN 27 2/10	SEDGWICK 30 2/10	ELK 33 2/10	WILSON 35 2/10	NEOSHO 36 2/10	CHANDLER 41 2/10
MORTON 17 2/10	STEVENS 20 2/10	SEWARD 19 2/10	MEADE 22 2/10	CLARK 24 2/10	COMANCHE 22 2/10	HARPER 28 2/10	SUMNER 30 2/10	COWLEY 32 2/10	CHATHAM 34 2/10	DEWETTE 37 2/10	CHEKOKI 35 2/10

The Figures shown on this Map Give the Average Annual Rainfall for the Counties of Kansas. Figures are supplied by the U. S. Weather Bureau.

**A** SNOW storm and cold wind made one or two days last week seem like winter. Then the sun came out, the snow disappeared, and the folks went to plowing again. The wheat and pastures are green, and it will be only a short time until the stock can have all of the green pasture it is possible to use. Spring work is beginning to crowd in earnest. There will be no rest for good farmers for some time now.

### KANSAS.

**Barber County**—About 1 inch of rain this week and 2 inches of snow. Weather has been cold and it is very hard on stock and everything else.—G. H. Reynolds, April 8.

**Stafford County**—The last week has been one of rain and snow. Wheat looking well, and is growing rapidly. Cutworms doing less damage than two weeks ago.—S. E. Veatch, April 8.

**Linn County**—Cold, rainy weather the last two weeks with an occasional snow. Roads bad. Farm work at a standstill. All kinds of stock selling high.—A. M. Markley, April 8.

**Gove County**—Wheat prospects not very encouraging. A good rain followed by 6 inches of snow this week. Ground in good condition for spring crops. Snowing again today.—H. W. Schaible, April 7.

**Rooks County**—It began snowing today. Considerable damage in the county by Hessian fly. Oats coming along nicely. Many sales being held and stuff bringing good prices. Farmers busy disking for corn. Eggs 16c.—C. O. Thomas, April 7.

**Logan County**—Farmers busy hauling grain to market. Dry and windy weather. Acreage of corn to be planted, this year will be 25 per cent greater than last year. A 4 inch snow April 6. Corn 58c; eggs 15c; potatoes \$1.80.—R. McCormick, April 7.

**Decatur County**—Wheat rather backward. Cutworms have taken a good many fields of wheat. Not much oats or barley sowed yet. Fine wet snow April 6. Wheat 90c; corn 50c; eggs 16c; butterfat 34c.—G. A. Jern, April 8.

**Scott County**—Fine rain and snow from April 1 to 6 soaking the soil well. Early sown wheat promises good crop. Barley and oats coming up. Grass starting nicely. Stock will go on grass in good condition.—J. M. Helfrick, April 7.

**Franklin County**—Large acreage of oats planted and coming up nicely. Wheat not looking well. Some farmers plowing for corn but land generally too wet to work. Weather very cold and damp. Corn 70c; hogs \$9; butterfat 34c; eggs 18c.—C. E. Kelsey, April 7.

**Elk County**—Farmers busy plowing, and getting ready to plant corn. Six inches of snow and a hard freeze April 6 will delay farmers for some time. No peaches this year in this county. Hogs \$8.50; hens 13c; eggs 16c; butterfat 34c.—Mrs. S. L. Huston, April 8.

**Morton County**—Late rain and snow will make considerable moisture. The wheat that was not blown out by high winds and damaged by dry weather looks fair. Barley is in the ground. Some grain planted. Stock looking well. Grass has begun to grow.—E. E. Newlin, April 7.

**Coffey County**—Weather cold and wet. Several inches snow in the last week. Farm work delayed. Oat fields look green. Prairie grass has started well but will not make much pasture this month. Feed getting scarce, except prairie hay. Livestock selling high.—A. T. Stewart, April 8.

**Harvey County**—An all day rain on April 4 was fine for oats and wheat and also started the grass. All livestock doing well and bringing good prices. Wheat \$1.03; corn 60c; potatoes \$1.40; hay \$1 to \$4 ton; eggs 17c; Sudan grass seed 6c; alfalfa seed \$9 bushel.—H. W. Prouty, April 6.

**Dickinson County**—Real winter weather the last few days. We had 2 inches of snow yesterday morning. Most of the oats is up and looks good. Some wheat thin on the ground but most of it looks good. A large number of little chickens. Eggs bringing good price.—F. M. Lorson, April 8.

**Harper County**—Good 2 inch snow following a 2 inch rain April 6. Wheat looks green. Oats up and looking nicely. All the trees in bloom. Pastures starting nicely. Corn planting will begin as soon as the ground will permit. Wheat \$1; corn 68c; eggs 16c.—H. E. Henderson, April 7.

**Bourbon County**—April 8 found the ground covered with 6 inches of snow and the temperature near freezing. Nearly everyone has finished oats seeding. Ground too wet for field work for a few weeks. Very little spring plowing done. Wheat in fair condition.—Jay Judah, April 8.

**Brown County**—Oats slow coming up. Wheat not doing very well. Farmers busy getting corn ground ready. Plenty of feed in the county. Light snow last night and cooler today. Wheat \$1; corn 68c; hogs \$9; cream 86c; eggs 17c.—A. C. Dannenberg, April 8.

**Doniphan County**—Oats all sown. A small acreage put in. Farmers preparing land for corn. Some damage reported to wheat for winter killing. Not much rain this spring but ground in fine condition for farming. Too cool for pasture to grow fast.—C. Culp, Jr., April 4.

**Ellsworth County**—Good rain April 4 put wheat, oat and corn ground in good condition. Most farmers thru disking corn ground. Oats coming up nicely. Wheat looks good. Some farmers still pasturing wheat. Pastures beginning to green up. Stock looks well.—C. R. Blaylock, April 6.

**Shawnee County**—All kinds of weather. Rain, snow, and hail, but everything looks good. Oats up. Alfalfa about 4 inches high. Potatoes being planted. Corn ground disking. Pastures getting green. All stock doing well. Corn planting will begin in about 10 days. Eggs 18c; potatoes \$1.40.—J. P. Ross, April 8.

**Stevens County**—One and a half inches of moisture and ground is too wet to work for several days. Wheat doing nicely. Oats and barley coming up. Several tractors at work breaking up the sod. Stock doing well. A large number of hogs will be raised this year. There is no fear of cholera.—Monroe Traver, April 7.

**Hamilton County**—Two inches moisture from rain and snow last week and ground is thoroly soaked. Grass coming along nicely. Some loss of stock caused by storms the last 10 days. A large acreage of corn will be planted. Large crop pigs and calves. Not so large a crop of colts as usual.—W. H. Brown, April 8.

**Pratt County**—All kinds of weather the last four weeks. Wheat and oats that were not damaged by wind, cold and fly look good. Some wheat has been disking up and will be planted to spring crops. Alfalfa looks very good. The ground seems to be infested with cutworms. A good deal of road work being done.—J. L. Phelps, April 8.

**Kingman County**—Three inches of rain on April 4 and 6, and 4 inches of snow on April 7. Weather hard on stock. Feed getting scarce. Little chickens dying on account of cold, wet weather. Farmers will be delayed several weeks with farm work on account of wet soil. Wheat looks all right since rain.—H. H. Rodman, April 8.

**Graham County**—A foot of wet snow on April 6 equal to several inches of rain and the soil is soaked. Spring sowing about half completed. Farmers busy disking corn fields, planting potatoes and doing other spring work. Stock doing well. Alfalfa and wheat fields beginning to show up. Eggs 16c; cream 36c; hogs \$8.80; corn 56c; wheat 90c; potatoes \$1.25.—C. L. Kobler, April 7.

**Norton County**—Spring snow storms the last two or three days and about 2 inches of snow fell. Wheat benefited by snow. About usual acreage of barley and oats sown. Farmers will hold over quite a lot of corn until the next crop is assured. Many farm horses in bad condition with distemper. High prices of cattle and hogs causing much interest in purebred stock.—Sam Teaford, April 8.

**Woodson County**—Three inches of snow on the ground and there will be no farm work done for a week. Some corn has been planted but it has been so cold and wet that it may not make a good stand. Very little grass yet and farmers are anxious to put stock on pasture on account of scarcity of feed. Many little chicks. Chickens 10c; eggs 18c; hogs \$8.75.—E. F. Opperman, April 7.

**Edwards County**—Wheat looking very good before the rain and the heavy rains this week will bring it along quickly. Oats coming up nicely. Grass starting well in pasture. Not much corn will be planted in this neighborhood this spring. Not many sales but things sell well. Wheat \$1; corn 62c; oats 42c; kafir 45c; butterfat 33c; eggs 16c.—G. A. King, April 7.

**Sedgwick County**—Everything at a standstill on the farm because of big rain on April 4 and snow on April 7. No signs of clear weather yet. Most of the farmers are ready to plant corn and the seedbeds have been put in fine condition. Oats and alfalfa looked good before the freeze. A large number of small chickens but not many pigs yet.—J. R. Keiso, April 8.

**Barton County**—Plenty of moisture. Good rains April 4 and 5 turning to snow on the 6th. Wheat looks good with the exception of a few fields. Oats beginning to show up. Some potatoes planted. Farmers beginning to prepare ground for corn. Stock doing well. Plenty of roughness. Wheat \$1; corn 60c; oats 54c; eggs 14c.—J. A. Johnson, April 8.

**Saline County**—Half an inch of ice last (Continued on Page 33.)

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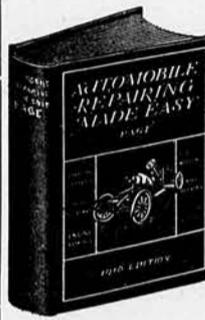
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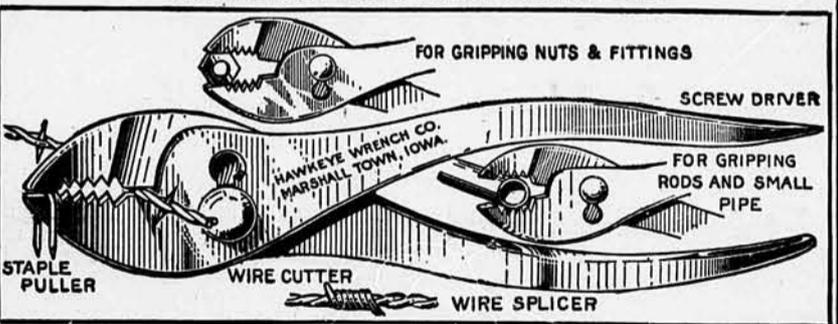
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# Corn Planting is Delayed

BY W. H. COLE.

The frequent showers are hindering the corn-planting. On this farm we already have been driven out of the field twice and have less than 10 acres planted. The field we are planting was fall plowed and that makes it possible for us to get on it to work several days sooner than we can on any other field on the farm. The surface was left rough thruout the winter and was harrowed two weeks ago. The harrow teeth were set straight up and down and made a load for four horses, but the result of the work was very satisfactory as the ground was leveled nicely and the under surface thoroly pulverized.

When we started planting we attempted to use the furrow openers that came with the planter but were forced to abandon the idea. These furrow openers fasten to the runner with set screws placed immediately behind the disk. The soil is filled with fine grass roots and wheat roots, and the dirt passing between the runner and disk takes these roots with it and they have an annoying habit of catching on the head of the set screws. We could go but a short distance after cleaning the roots out until it would be all balled up again. We think the furrow openers are a fine thing, provided you have the right kind. The ones we have are about 10 inches in diameter and that is too small even if the way of fastening them on was satisfactory, which it isn't. Some of the newer makes of planters are equipped with furrow openers bolted to the frame of the machine and had we been provided with a machine of this style we would have had no bother with the roots, and the 16-inch disks of the later models throw out a better furrow than the smaller ones.

The bees are not doing as well as they usually do at this time of year the reason being that there are no fruit tree blossoms for them to work on. The frost killed the greater number of the peach buds and the pears seem to be injured to a great extent, too. The apple trees are not in bloom yet and the wild flowers are scarce so that leaves the bees but very little to work on. We see them busy, every day that the weather is fit, working on the maples and elms. We do not know what they are able to get from these trees but their industry would lead one to believe that they were satisfied. Their real harvest will begin when the alfalfa begins to bloom and that time is not so very far away either.

With good weather there will be a few alfalfa blossoms by the first of May and from that time until frost the bees will have the material for the making of the best honey that can be made. Keeping bees, if the location is good in regard to pasture for them, is one of the most profitable of side lines. One thing is necessary however to succeed with them, and that is attention when they need it.

The first installment of our next winters pork supply arrived one day recently when one of our brood sows farrowed 11 pigs. They were all hearty little fellows but we took three of the smaller ones away from the mother and are raising them by hand. We always have argued that eight pigs are enough for any sow to raise successfully and at times we think that six would be better. Of course it can be made a matter for considerable boasting if a farmer can say that one of his sows has a dozen pigs but we think there seldom is any money in such large litters provided they are left with the mother. No sow can nourish properly 12 vigorous pigs.

The brood sows that are kept on this farm are fed oats before farrowing time and for quite a while after. We used to think that wheat shorts was the proper feed for the sow, but in feeding it after farrowing one has to be very careful or the pigs will get the scours. After a trial of the oats, covering a period of several years, we never have had them cause us this trouble. The pigs soon learn to like the oats and seem to do well on them. A short time before weaning time we begin to mix shelled corn or ground grain with the oats and when the little fellows are 10 weeks old they are eating well enough so that the weaning does not retard their growth.

In spite of the fact that the weather has been cold and wet the Squaw corn that was planted March 21 is sprouted

nicely and will be coming thru in a few days. Squaw corn is a good variety for early planting as the hard glazing that covers each kernel makes it practically immune from rotting.

The grass in the pastures is growing nicely. Most of the pastures were burned off cleaner than common this spring on account of the heavy coat of grass that was left last fall. The seasons previous to last year, for several years, were dry and the pasture owners stocked them lightly so as to have enough grass. During the summer of 1914 there appeared in all the pastures in this part of the state a weed that went by the name of Brome weed. This weed and the dry weather seemed to kill most of the grass in many pastures. The weeds were loaded with seed in the fall and the prospects seemed excellent for the weed to take everything last year, but none appeared and the pasture owners who stocked up lightly in the spring had more grass than they knew what to do with all summer. Owing to this heavy growth of grass the prairie fires have been very destructive this spring. A great amount of hay in the stack as well as several houses and barns have been burned. One of the largest losses in the prairie fires every spring is the posts. Most of the post material that is used here is hedge. These posts get very dry when they have stood out a year or two and the fire from the grass very readily ignites the bark and if someone does not immediately extinguish the fire the post is destroyed.

# To Remove a Blood Wart

I have a 3-year-old mule that has a large blood wart on one of his hind legs, between the hock joint and the ankle. This wart has been on the mule for a year or more, and has been cut off twice. I am now trying to kill it with dip, but do not have much success. A. M. J.

The wart on your mule's leg may be treated by making an incision around the base of the wart and in the surrounding healthy skin. The incision should be carried under the wart so that the latter will have been cut out instead of simply being cut off as you have done in previous operations. There will be considerable bleeding from this operation, tho this may be controlled by placing a layer of cotton around the affected part and then bandaging the limb quite tightly from the upper border of the hoof to the hock joint. The daily after treatment consists in washing off the wound with a solution consisting of one teaspoonful of hog dip in a pint of water. A layer of cotton then is applied over the wound and the leg is to be kept bandaged according to the foregoing directions. The bandaging must be applied quite tightly because it is only by means of pressure that you can keep the wart from growing again. The bandaging and washing must be repeated daily and kept up until the wound has healed. Depending upon the size of the wart this will take from one to three months. If the wart is deeply cut out and the antiseptic washing and bandaging conscientiously persisted in, a cure always results. Dr. R. R. Dykstra. Kansas State Agricultural College.

# He Identified Her

There is a pompous cashier in a certain San Francisco bank who lost all his pride the other day. "You must be identified," he said to a tall, hook-nosed woman in green, red and blue, who brought in a check at a time when his window was crowded. "Well, I—I—why—I—no, it can't be! Yet it is, too. Ain't you Henry Smyth?" "That's my name, madam," he replied, coldly. "An' you don't know me, Hen? I'm changed some, an' so air you; but I jist knowed I'd seen ye. You've got that same old cast in your eye, your nose crooks a little to the left, an' you're a Smyth all over. An' you don't know me! Dan't you know Salindy Spratt, that you uster coax to become Salindy Smyth? 'Member how ye uster haul me to school on your sled, an' kiss me in the lane, an' call me your little true love? 'Member how ye cut up 'cause I gave ye the mitten? Land, Hen, I could stand here all day, talkin' over them old times. You kin i-identify me, now, cayn't you, Hen?" "Hen" did so, but in a mood that produced apoplexy.—San Francisco Wasp. All weeds should be killed before they are old enough to vote.

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The Indexall Recipe Cabinet has been received with instant favor by the intelligent, up-to-date housewife, who realizes its many advantages over the old fashioned cumbersome cook book. The advent of this new method means the elimination of the cook book, which is unhandy, soon wears out with constant usage and does not possess any of the advantages of the Indexall Recipe Cabinet. The Indexall Recipe Cabinet is made of good American oak, highly polished, with finely finished brass hinges securing cover. The cover is closely fitted to keep out all dust when the cabinet is closed and not in use. There are 23 index guide cards with headings, as shown in the accompanying illustration. Each cabinet contains **100 Printed Recipes on Cards** compiled by a famous Chef. All the recipes are delicious, tempting and easily and inexpensively prepared. Space is provided on the bottom of the printed recipe cards for any notations you may wish to add. In addition to the printed recipes there are 100 blank cards for the housekeeper's own "pet recipes." This is very handy, as one often finds a recipe in a paper or magazine worth saving, and by copying or pasting it on these cards you always have it for ready reference. In the back of the cabinet is a set of twenty-six guides, each guide containing a letter in the alphabet, arranged for telephone numbers, addresses or any other matter for ready reference. All the recipe cards can be filed under the proper heading so that you can instantly refer to any recipe or name, replacing it with practically no effort. The Indexall Recipe Cabinet will last a lifetime and prove to be both a time and labor saver in the kitchen. It makes a useful present for weddings, anniversaries, birthdays, etc., and the recipient cannot help but appreciate it as a gift. We know you will be satisfied when you receive this Recipe Cabinet; in fact, we are so sure it will more than meet your expectations that we will return your money upon request if the cabinet is not satisfactory in every way. The illustration does not do justice to the original which must be seen and used to be appreciated. **THE COMPLETE OUTFIT CONSISTS OF THE FOLLOWING** One Indexall Recipe Cabinet One set Recipe Guide Cards One set A to Z Guide Cards One hundred Cards with printed Recipes One hundred Blank Cards **SPECIAL OFFER** We will send an Indexall Cabinet by Parcel Post to all who send \$1.25 to pay for a 1-year subscription to Mail and Breeze. Address **MAIL AND BREEZE, Dept. I. C., Topeka, Kansas**

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Warm Spring Weather Again

(Continued from Page 31.)

night with snow on the ground 3 or 4 inches deep. Wheat in good condition and needs only warm weather to make a big growth.

Greenwood County—No farm work done since rain and snow on March 25 and 26. It has been cold, cloudy and rainy since then and 1/2 inch rain fell on April 5 followed by a heavy wet snow on April 7.

Chautauque County—A good deal of rain since March 19. A good snow April 7 and at the same time peach, plum and cherry trees were in full bloom.

Meade County—Ground thoroughly soaked. Wheat looking very good. Ground frozen hard April 8 which was bad for the oats and barley that are up.

Johnson County—Weather too wet and cold for growing things. Five inches wet snow March 25 followed by mist and rain and all farm work stopped for a few days.

Marion County—Cold spell with over an inch of snow and frost. Plenty of moisture for wheat, oats, and alfalfa and they are doing well.

Trego County—A good rain April 3 and 4 followed by snow saturated the ground and grass is starting up nicely.

Geary County—Snow and showers this week have put the ground in fine condition for a crop.

Franklin County—Rain and snow in abundance this week with some freezing weather, which will allow willow, crab apples and plums as they are in full bloom.

Smith County—A light snow March 25 and another April 8 have replenished the surface moisture but a good rain would be welcome.

OKLAHOMA.

Pawnee County—Too wet to do much farming the last two weeks. Not much corn planted yet.

McKain County—Oats growing nicely. Some corn planted. Work being done on public roads.

Delaware County—Weather cool and cloudy with light rains the last week. Light snow this morning.

Lincoln County—Weather wet and cold. Grass and small grain need sunshine. Corn about half planted.

Muskogee County—Too much rain for farm work. Only three weeks of good working weather this spring.

Hialeah County—Weather cold and wet. A good soaking rain April 6 which was greatly needed.

Texas County—Wheat improving but not so good as last year. Oats coming up nicely.

Cotton County—Plenty of rain which was badly needed. Wheat and oats look good.

Knocks on Road Laws

Mr. McNeal's view of conditions strikes me as being about correct. He is doing good. There is only one thing he is championing, that does not look just right to me.

Possibly the rottenest law on our statutes is the present road laws, and everything connected with them. These laws were instigated by the automobile manufacturers who doubtless paid for the legislation they got.

The injustice of the whole thing is plain, and is the principal reason for the failure of the good roads picnic scheme, and the absolute waste of all the buncomb and boosting spent in the attempt to make the farmer get out and work his roads for nothing after paying for building other roads for the benefit of automobilists.

Governor Capper said in an address last fall that he "was in favor of good roads legislation that would make all roads in the state good."

There is not a feature of the existing law that can be defended. In the hands of incompetent, conscienceless road officials who permit waste, extravagance and graft in this county, Butler and Sedgwick, it looks as if the gentlemen in charge of road and bridge construction are taking advantage of their opportunities.

I have taken the people's side of the question as I hear it discussed, and as my observation tells me is the right side, in fact there is no other side if we concede the people have any rights.

What He Thought

Wife—I see by this paper that in Sumatra a wife can be bought for \$3. Isn't that perfectly awful?

Hubby—Oh, I don't know! A really good wife would be worth that.

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12 Apple Trees Free. This Offer Good For 20 Days Only. You can have these trees, delivered by parcel post to your mail box, all charges prepaid. This Home Orchard consists of twelve trees—Three Delicious, Three Stayman Winesap, Three Jonathan and Three Wealthy.

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### BLUE ANDALUSIANS.

**BLUE ANDALUSIANS, EGGS PER SETTING** \$1.50 and \$7.00 per hundred. Mrs. C. W. Parks, Eureka, Kan.

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**HALL'S "RINGLET" CHICKS.** EDWARD Hall, Junction City, Kan.

**WHITE ORPINGTON BABY CHICKS** that make good. Priced right. Sharp, Iola, Kan.

**YOU BUY THE BEST BABY CHICKS FOR** the least money. Guaranteed and shipped anywhere from Colwell Hatchery, Smith Center, Kansas.

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**WHITE PEKIN DUCKS, EGGS \$1.00 SETTING.** Henry Lieban, Grenola, Kan.

**WHITE OR ENGLISH PENCILED RUNNER** eggs \$1.00 dozen. Earl Beckey, Lincoln, Kan.

**CLOSING OUT—25 INDIAN RUNNERS, 14** Chalk White Wyandotte cockerels. Geo. Clary, Fairbury, Neb.

**RUNNER DUCKS, FIRST PRIZE TOPEKA** and Wichita. Free circular. Ora Dubbs, Douglas, Kan.

**MUSCOVY DUCKS, EXTRA FINE EGGS** and drakes. Prices reasonable. J. H. Cunningham, Zenda, Kan.

**TRUE LIGHT FAWN RUNNERS, SCORING** 90 to 95. Eggs \$1 setting, \$3 50. J. B. Fagan, Minneapolis, Kan.

**WHITE INDIAN RUNNER DUCK EGGS,** extra fine stock, world's greatest layers, \$2-12. W. R. Mayer, Marysville, Kan.

**TRUE INDIAN RUNNERS, FIRST AT** Kansas City. 267 egg record. Valuable circular free. Gertrude Millis, Sabetha, Kan.

**WHITE RUNNERS, CHOICEST QUALITY.** All year layers. White eggers. 1.50-15. 6.00-100. Mrs. Clyde Meyers, Fredonia, Kan.

**LIGHT FAWN AND WHITE INDIAN RUNNER** ducks. Sawyer strain. Eggs \$1.50 per 15. \$8 per 100. Mrs. Bert Cordry, Haddam, Kan.

**FAWN AND WHITE INDIAN RUNNER** duck eggs \$1.00 per 15. \$3.00 per 50. \$5.00 per 100. Mrs. Robt. Greenwade, Blackwell, Okla.

**FAWN RUNNER DUCKS, PRIZE WINNERS,** good laying strain, eggs \$1.00 setting. \$5.00 hundred. Mrs. Ben Miller, Newton, Kan.

**FAWN-WHITE RUNNERS: 15 EGGS AND** 10 reasons why ours are more profitable than chickens, \$1.50. Hiawatha Duckery, Rosedale, Kansas.

**FAWN AND WHITE INDIAN RUNNER** duck eggs 75 cts. per setting of 13 at place or \$1.00 prepaid, or \$4.00 per 100. A. W. Drips, Haddam, Kansas.

**EGGS—MAMMOTH PEKIN, WHITE RUNNER,** utility birds, yet winners at Kansas City, Wichita, Independence, Oklahoma, Enid. \$2.00 setting. The "lay more, eat less" Anconas, \$1.50. Two settings (mix if you choose), at 1 1/2 times price of one. Mitchell, Ward Place, Salina, Kansas.

### GEESE.

**MAMMOTH TOULOUSE GEESSE EGGS \$2** each. A. G. Cook, Luray, Kan.

### LEGHORNS.

**S. C. W. LEGHORN EGGS CHEAP. BOX** 111, Inman, Kan.

**S. C. W. LEGHORN EGGS 15-\$1.00.** MRS. Ennefer, Pleasanton, Kan.

**PURE S. C. W. LEGHORN EGGS .30 DOZ.** Sarah Rollins, Gretna, Kan.

**ROSE COMB BROWN LEGHORN EGGS.** M. E. Hoskins, Fowler, Kan.

**PURE BUFF LEGHORNS, EGGS \$5-100.** Pearl Haines, Rosalia, Kan.

**ROSE COMB BROWN LEGHORN EGGS 3C.** Mrs. Ida Standiford, Reading, Kan.

**TIP TOP ROSE COMB BROWN LEGHORN** eggs. J. E. Wright, Wilmore, Kan.

**ROSE COMB BROWN LEGHORN EGGS \$3** hundred. Mrs. Charley Rose, Paola, Kan.

**SINGLE COMB BROWN LEGHORN EGGS** 3c each. Sophia Hunt, Blue Rapids, Kan.

**SINGLE COMB BROWN LEGHORN EGGS.** Sam Brehm, Hutchinson, Kan., R. No. 2.

**SINGLE COMB BROWN LEGHORN EGGS** \$3.00-100. J. W. Young, Sun City, Kan.

**PURE S. C. BROWN LEGHORN EGGS \$2.50** per 100. Mrs. Chas. Ginn, Haddam, Kan.

**S. C. BROWN LEGHORN EGGS, HUN-** dred \$3. Mrs. A. Anderson, Greeleaf, Kan.

**SINGLE COMB BUFF LEGHORNS, 30** eggs \$2. 100 \$4.50. John A. Reed, Lyons, Kan.

**SINGLE COMB BUFF LEGHORN EGGS** \$3.00-100. 75c-15. Nellie Gerardy, Vilets, Kan.

**PURE ROSE COMB BROWN LEGHORN** eggs \$3.50 hundred. Bertha Fortney, Clyde, Kan.

**ROSE COMB BROWN LEGHORN EGGS.** Hundred \$3.00. Lizzie Evans, Wilsey, Kan.

**ROSE COMB BROWN LEGHORN EGGS.** 50-15. \$3.00-100. Albert Stahl, Louisburg, Kan.

**PURE SINGLE COMB BROWN LEGHORN** eggs \$3.00-100. Mrs. J. T. Bates, Spring Hill, Kan.

**ROSE COMB BROWN LEGHORN EGGS,** 75c-50 and \$3.00-100. W. Giroux, Concordia, Kan.

**EGGS FROM PRIZE WINNING SINGLE** Comb Buff Leghorns. F. Weeks, Belleville, Kansas.

**BUFF LEGHORN EGGS 17-\$1.00, 105-\$4.00.** Baby chicks 10c each. Mary Moyer, Oakhill, Kan.

### LEGHORNS.

**ROSE COMB WHITE LEGHORNS, EGGS** 45-\$2.00, 100-\$4.00 prepaid. G. Schmidt, Gossel, Kan.

**SINGLE COMB BROWN LEGHORNS.** Cockerels, eggs for setting. W. J. Walton, Newton, Kan.

**SINGLE COMB WHITE LEGHORN EGGS** 15-\$1.00, 100-\$4.00. Mrs. Ellis Paramore, Delphos, Kan.

**BUFF LEGHORN EGGS \$5 PER 100, PRE-** paid. Cockerels all sold. Mrs. F. B. Wempe, Frankfort, Kan.

**WHITE SINGLE COMB LEGHORNS 1.00** eggs \$3.00, free range. L. E. Strite, Kanopolis, Kansas.

**SINGLE COMB WHITE LEGHORN EGGS** \$5.00 hundred. Crandal Love, Conway Springs, Kansas.

**PURE SINGLE COMB BROWN LEGHORN** eggs \$3 hundred. Mrs. Harry Augustus, Waterville, Kan.

**SPONG'S FAMOUS S. C. WHITE LEG-** horns, size and quality birds. Alex Spong, Chanute, Kansas.

**SINGLE COMB WHITE LEGHORN EGGS** \$5.00 per 100. Chicks 10c. Ida M. Vincent, Garden City, Kan.

**ROSE COMB BROWN LEGHORNS, EGGS** Kulps strain 15-\$1.00, 100-\$5.00. Otto Borth, Plains, Kan.

**EGGS FROM EGG-BRED SINGLE COMB** White Leghorns, \$4 per hundred. Mrs. Joe Boyce, Carlton, Kan.

**PURE BRED, SINGLE COMB, WHITE** Leghorn eggs, \$3.00 per hundred. L. Williams, Haddam, Kan.

**EGGS, SINGLE COMB BUFF LEGHORNS** \$1.00 setting. \$5.00-100. Mrs. John H. Peirce, Braymer, Mo.

**SINGLE COMB BUFF LEGHORNS, EXTRA** layers. 30 eggs \$1.50. 100 \$4.00. Ella Beatty, Lyndon, Kan.

**ROSE COMB WHITE LEGHORN EGGS** \$3.50 per 100. .75 per 15. Mrs. Fred Miller, Wakefield, Kan.

**BERRY STRAIN SINGLE COMB BUFF** Leghorns. Eggs 15-\$1. 100-\$4.00. O. R. Strause, Milford, Kan.

**SINGLE COMB WHITE LEGHORN EGGS.** Pen 15-\$1. Range 100-\$3.50. Mrs. Lewis Olson, Barclay, Kansas.

**SINGLE COMB WHITE LEGHORN EGGS** \$1.00 per 15. \$4.00 per hundred. Marten Johnson, Russell, Kan.

**THOROUGHBRED SINGLE COMB BUFF** Leghorn eggs 100-\$3.50, 30-\$1.25. Carl Larson, Osage City, Kan.

**PURE SINGLE COMB WHITE LEGHORN** eggs for hatching, \$3.00 per hundred. J. L. Young, Haddam, Kan.

**CHOICE SINGLE COMB BROWN LEG-** horn eggs, \$3.00 per 100, prepaid. Mrs. Dan Ryan, Centralia, Kan.

**PURE BRED SINGLE COMB BROWN** Leghorn eggs \$3.00 per hundred. Mrs. F. E. Tonn, Haven, Kan.

**EGGS FROM S. C. BROWN AND WHITE** Leghorns, \$1.50 per 15; \$3.50 per 100. H. N. Holdeman, Meade, Kan.

**SINGLE COMB BUFF LEGHORN EGGS** \$4.50-100. Satisfaction guaranteed. Alf Johnson, Leonardville, Kan.

**PURE SINGLE COMB BROWN LEGHORN** eggs, hundred \$3. Eight year. Mrs. D. A. Wohler, Hillsboro, Kan.

**S. C. W. LEGHORNS, EGGS PEN ONE,** 15 eggs \$2.00. Pen 2 \$1.50. Range \$1.00. H. Vinzant, McPherson, Kan.

**SINGLE COMB BUFF LEGHORN CUP** winners eggs \$1.00 fifteen. \$4.00 hundred. Geo. Dorr, Osage City, Kan.

**PRIZE WINNING, LAYING, PAYING, SIN-** gle Comb White Leghorns sold cheap at Colwells, Smith Center, Kan.

**PURE BRED S. C. W. LEGHORN EGGS,** \$1 per 15 or \$3 per 50. Wyckoff strain. Gust Freeburg, McPherson, Kan.

**FARM RANGE, PURE S. C. W. LEGHORN** eggs, 100-\$3.50. 15 parcel post \$1.25. Hattie Jones, Jamestown, Kan.

**S. C. W. LEGHORNS, EGGS, 60C FOR** 15. \$3.50 100. Results guaranteed. J. L. Shaner, R. No. 8, Topeka, Kan.

**SINGLE COMB WHITE LEGHORNS EX-** clusively. Birds with quality, mating list free. R. E. Davis, Holton, Kan.

**SINGLE COMB BUFF LEGHORN EGGS,** heavy laying strain 75c for 15, \$4.00 per 100. J. P. Rishel, Galatia, Kan.

**CAREFULLY SELECTED SINGLE COMB** brown Leghorns eggs. 100-\$3.00. Mrs. Henry Wohler, Hillsboro, Kansas.

**YOUNG STRAIN, SINGLE COMB WHITE** Leghorns. Eggs, 15 \$1.00; 100 \$4.00. Adolph Berg, McPherson, Kansas.

**DORR'S PRIZE WINTER LAYERS, ROSE** Comb White Leghorn eggs 30-\$1.75. \$4.00-100. A. G. Dorr, Osage City, Kan.

**FARM RANGE SINGLE COMB WHITE** Leghorn eggs, \$2.25 hundred, any quantity. Victor Hawkinson, Randolph, Kan.

**PRIZE WINNING SINGLE COMB BROWN** Leghorns exclusively; 102 eggs \$3.50. 30-\$1.25. Chas. Dorr, Osage City, Kan.

### LEGHORNS.

**PRIZE WINNING S. C. WHITE LEG-** horns, 100 eggs \$4.00. Circular free. Mrs. W. R. Hildreth, Oswego, Kan.

**SINGLE COMB WHITE LEGHORN EGGS** from laying, paying strain \$3.00 per 100. Mrs. Andrew Petterson, Beloit, Kan.

**ROSE COMB BROWN LEGHORN EGGS** \$5.00 per hundred. Results guaranteed. Eureka Poultry Farm, Sycamore, Kan.

**S. C. BROWN LEGHORNS, PRIZE WIN-** ning pen and range stock. Mating list free. Mrs. V. C. Cook, Plattsburg, Mo.

**L. D. GOOCH, SEWARD, KAN., WILL SELL** R. C. Brown Leghorn eggs \$1.00-15. \$5.00-100. Order prepaid for \$10.00 and over.

**THOROUGHBRED SINGLE COMB WHITE** Leghorn eggs 100-\$3.50. Fertility guaranteed. Cora Taylor, Baxter Springs, Kan.

**BUFF LEGHORNS—EGGS AND CHICKS** from specially mated pens and range flock. Mrs. John Wood, Solomon, Kan.

**SINGLE COMB WHITE LEGHORNS, EX-** clusively. Farm range. Eggs \$3.00 per hundred. Henry Richter, Hillboro, Kan.

**S. C. WHITE LEGHORN HATCHING** eggs, Barron-Frants strain. \$4.00 per hundred. R. Z. Knox, Route 4, Topeka, Kan.

**HEAVY LAYING SINGLE COMB BROWN** Leghorns, eggs \$1.00 per 15. \$4.00 per 100. Prepaid. P. A. Krause, Gossel, Kan.

**PURE BRED SINGLE COMB BROWN** Leghorns. Eggs 100-\$3.00. 50-\$2. 75c. Mrs. Claude Twidell, Frankfort, Kan.

**SINGLE COMB WHITE LEGHORN COCK-** erels—dollar. Eggs dollar per fifteen. Chicks—ten cents each. A. Pitney, Belvue, Kan.

**S. C. W. LEGHORNS, MATED TO COCK-** erels from Missouri Experiment station. Eggs \$4.00 per 100. O. B. Dovel, Argonia, Kan.

**ROSE COMB WHITE LEGHORN EGGS,** \$1.00 for 15. \$4.00 for 100. Fertility guaranteed. Mrs. Cora Hildebrand, Le Roy, Kansas.

**SINGLE COMB WHITE LEGHORN EGGS** \$1 per 15, \$5 per 100. Special pen of prize winners \$5 per 15 lim. Vera Davis, Winfield, Kan.

**PURE FARM RANGE S. C. WHITE LEG-** horns, eggs for hatching four dollars per 100 or incubator lots. Flora Watson, Altoona, Kan.

**PURE BRED SINGLE COMB BROWN** Leghorns. Selected stock. Even color. Eggs \$3 per 100. Mrs. Bert Cordry, Haddam, Kansas.

**PURE BRED S. C. BROWN LEGHORNS.** Heavy laying strain. Eggs \$4.00 per 100. Baby chicks 10 cts. each. Mrs. Wm. Brooks, Beattie, Kan.

**SINGLE COMB BUFF LEGHORN EGGS** \$4-100; baby chick \$10-100. \$25-300. Satisfaction guaranteed. Mrs. J. A. Witmer, Balleysville, Kan.

**SINGLE COMB WHITE LEGHORNS EX-** clusively. Eggs 15-\$1. 100-\$5. Fertility guaranteed. Sunnyside Egg Farm, Box B, Hallowell, Kan.

**SINGLE COMB WHITE LEGHORNS, EGGS** from selected matings \$5.00 hundred. Eggs tested 98% fertile. Dave Baker, Conway Springs, Kan.

**SINGLE COMB WHITE LEGHORNS, SE-** lected eggs from great layers, \$1.00 per 15 or \$5.00 per 100. Acme Poultry Yards, Junction City, Kan.

**SINGLE COMB BROWN LEGHORNS.** Twenty-four prizes at state show, 1916, including ten firsts, eight seconds. W. Roof, Maize, Kan.

**SINGLE COMB WHITE LEGHORNS, HAVE** won 22 blue ribbons, 10 specials and silver cup. Eggs \$4 per 100. 75c per 15. Selma Fager, Admire, Kan.

**EGGS FROM SELECTED, HEAVY LAYING** S. C. White and Brown Leghorn pens. Price \$1.00-15. \$4.50-100. Postpaid. Ed Hobbie, Tipton, Kan.

**S. C. WHITE LEGHORN EGGS, PURE D.** W. Young strain. 3 cock birds in pens sired by Young's first prize winners. G. D. Willems, Inman, Kan.

**SINGLE COMB WHITE LEGHORNS.** Wyckoff-Frantz strain. Pens headed by Tom Baron cockerels. Eggs \$2.50 per hundred. S. W. McComas, Crocker, Mo.

**SINGLE COMB BROWN LEGHORNS, BOTH** matings. Eggs from high, setting pens \$2 and \$3. Utility \$4.00 per 100. Mating list free. G. F. Koch, Jr., Ellinwood, Kan.

**PURE SINGLE COMB WHITE LEGHORN** eggs, Young-Frantz-Yaterland strains. 15 \$1.00. 100-\$4.00. Chicks 100-\$10. Satisfaction guaranteed. C. G. Cook, Lyons, Kan.

**SINGLE COMB WHITE LEGHORNS, BET-** ter than ever. Three choice matings, two range flocks, one pen. Eggs \$4 per hundred, \$1 per setting. Harry Givens, Madison, Kan.

**IF YOU WANT A DOLLAR'S WORTH FOR** every dollar you spend buy your S. C. W. Leghorn eggs from A. I. Campbell, Rice, Kan. He replaces every infertile egg free.

**PRIZE WINNING SINGLE COMB WHITE** Leghorns. Eggs 15-\$1.00. Chicks 100-\$12.50. Rhode Island Reds, Barred Rocks, Chicks 100-\$10.00. W. P. Strole, Rosedale, Kan.

LEGHORNS.

BUFF LEGHORNS, PURE BRED, SINGLE Comb, 10 birds won 10 ribbons, second sweepstake at Lyons county show, 195 eggs \$4.00, 30-\$1.50. Chester Hines, Emporia, Kan.

TOM BARRON STRAIN WORLD'S CHAMPION layers, S. C. W. Leghorns. Eggs \$5.00 per 100. Ferris Francis Barron strain eggs \$3.50 per 100. Circular. C. C. Shenkel, Geneseo, Kan.

S. C. B. LEGHORN EGGS. BLUE RIBBON kind. Well marked, excellent layers. Satisfaction guaranteed. 15 \$1.25-50 \$2.00-100 \$5.50. Baby chicks 100 \$12. A. B. Haug, Centralia, Kan.

S. C. BROWN LEGHORNS PROGENY OF state prize winners; bred 21 years for constitution and heavy egg production; eggs \$1 per 15; \$4 per 100. W. I. Gorsuch, Stillwell, Kansas.

FANCY LEGHORNS, SINGLE COMB Brown (exclusive). Blue ribbon and high egg record winners. Setting \$1.25. 100 \$5.00 and \$8.00. Satisfaction guaranteed. Chas. Bowlin, Olivet, Kan.

OUR S. C. BROWN LEGHORN HENS HAVE the egg-laying habit. Eggs from our strain will improve your flock. Fertility guaranteed. Eggs 100-\$5. 50-\$3. 15-\$1. Detwiler Egg Farm, Jewell, Kan.

BRED TO LAY S. C. WHITE LEGHORNS. Our foundation stock come direct from the best pens of Cyphers Co. incubator farm. Eggs 15-\$1.00, 50-\$2.00, 100-\$3.50. Pleasant View Poultry Ranch, Peabody, Kan.

ROSE COMB BUFF LEGHORNS EXCLUSIVELY, the largest Leghorn and best winter layers. Frost proof combs. Select eggs 100-\$6.00, 50-\$3.50, 15-\$1.50. Strong chicks 20c. Goldenrod Poultry Farm, Mead, Colo.

IMPORTED FROM ENGLAND, BARRON S. C. W. Leghorn cockerels head my yards. World's greatest layers. A limited number of eggs at \$2.00 setting, 2 settings \$3.00. R. C. Wilson, Pittsburg, Kansas, R. H. 1, Via Capital.

THOROUGHbred ROSE COMB WHITE Leghorn eggs, from stock bred exclusively twelve years. One hundred eggs \$4.50, fifteen one dollar, day old chicks ten cents each, transportation prepaid. Corless Chertier, Miltonvale, Kan.

READER: MAY I SEND YOU A CIRCULAR? Eggs Single Comb White Leghorns. Fine pens. Direct Young strain. Guaranteed fertile. Prices right. Reader: Your name today, please. Don't wait. The hatching season is passing. G. R. McClure, McPherson, Kansas.

50000 BABY CHIX AND 100,000 EGGS FOR sale from heavy laying White Leghorns. One flock headed by pure Barron Males, from world's heaviest layers. One large flock of our own breeding. Booking orders for future delivery. Send for circular and price list. Guy E. Schreff, Lincoln, Neb., Box M, E. No. 2.

LANGSHANS.

EXTRA BIG SCORED BLACK LANGSHAN eggs. H. Osterfoss, Hedrick, Iowa.

PRIZE FEDERATION BLACK LANGSHAN. Eggs. Mary McCaul, Elk City, Kan.

BLACK LANGSHANS, BEST QUALITY eggs. \$1-15. \$5.00-100. Dessie Bone, Lane, Kansas.

BLACK LANGSHAN EGGS AND BABY chicks for sale. Write. H. S. Koken, Superior, Neb.

THOROUGHbred BLACK LANGSHAN eggs. 75 cents setting. R. F. Montgomery, Culver, Kan.

PURE BRED WHITE LANGSHANS EGGS \$5.00 per hundred prepaid. Wm. Wischmeyer, Mayetta, Kan.

PURE BRED BLACK LANGSHAN EGGS \$1.00 per 15. \$5.00 per 100. Martha Haynes, Grantville, Kan.

BLACK LANGSHAN EGGS, LESS THAN 100, 7 cts. each; 100 to 200 5 cents. Mrs. Geo. W. King, Solomon, Kan.

BLACK LANGSHAN, EXCELLENT COLOR, large type, eggs for hatching. Catalogue free. Geo. Klusmire, Holton, Kan.

EGGS FROM PURE BRED BLACK LANGSHANS \$1.25 per setting. \$4.50 per 100. Mrs. Geo. W. Shearer, Lawrence, Kansas.

ROWES WHITE LANGSHANS, REAL quality. Pen eggs \$3 per 15, range \$1, \$5 per 100. Mattie Rowe, Lane, Kansas.

HIGHEST CLASS LANGSHANS, PEN "A" headed by 96 ckl. Catalogue free. J. A. Lovette, Poultry Judge, Mallinville, Kan.

BLACK LANGSHANS, EGGS 15-\$1.00, \$1.25, by mail. 100-\$4.00, \$5.00 by mail. Baby chicks 15c. Mrs. J. B. Stein, Smith Center, Kan.

TENNEHOLM BLACK LANGSHANS, EGGS \$1.50 per 15, \$2.50 per 30. A few cockerels left. Write. Mrs. E. S. Myers, Chanute, Kan.

PRIZE WINNING BLACK LANGSHANS. Eggs setting \$1.00, per 100 \$4.00. Buttercups, setting \$1.50. August Knuffke, Hanover, Kan.

WHITE LANGSHANS - PURE BRED, eggs this month only \$4.00 per 100, \$3.25 per 50, \$1.00 per 15. James A. Davis, Richards, Mo.

WHITE LANGSHANS EXCLUSIVELY 16 years from best strain in U. S. Eggs \$1 per 15, \$5 per 100. Mrs. Walter Smith, Tonkawa Okla., Route A.

BLACK LANGSHAN EGGS FROM SAN Francisco winners \$5.00 for 15. Next choice \$3.00 for 15. Range flock \$6.00 for 100. White Langshan eggs \$2.00 for 15. H. M. Palmer, Florence, Kan.

BLACK LANGSHAN EGGS FROM PEN OF two and three year old hens seven of which won three firsts, second, third, fourth, fifth at Leavenworth, Topeka, Kansas City. \$2.50 for 15. Range same blood. \$5.00 for 100, \$3.00 for 50. 85% guarantee. J. O. Keller, Cimarron, Kansas.

MINORCAS.

SINGLE COMB BLACK MINORCA EGGS 80-\$1.75, 100-\$4.00. Sarah Peters, Nashville, Kan.

S. C. BLACK MINORCA EGGS, \$3 PER fifty, \$5 per hundred. H. H. Dunlap, Liberal, Kansas.

SINGLE COMB BLACK MINORCAS, EGGS, prize strain \$5.00 per hundred. W. A. Ro?, Alex, Okla.

EGGS FOR SALE - S. C. WHITE MINORCA, Teetz strain. None better. A. Manley, Cottonwood Falls, Kan.

SEND FOR INTERESTING MATING LIST of my large Single Comb Black Minorcas. Victor E. Hawkinson, Randolph, Kan.

HIGH CLASS SINGLE COMB BLACK Minorca and Buff Orpington eggs. Frank A. Agnew, South Side, Omaha, Nebraska.

CAMPBELL'S S. C. W. MINORCAS ARE real egg machines, try a setting and be convinced. Every infertile egg replaced free. A. I. Campbell, Rice, Kan.

SINGLE COMB BLACK MINORCAS, ST. Louis and Kansas City winners. Eggs \$2.00-15. \$3.50-30. Utility \$5.00-100. Express prepaid. Dan Oberhellmann, Holstein, Mo.

SINGLE COMB BLACK MINORCAS, GRAND in shape, size, color, splendid layers. Pape strain direct. Eggs \$5 hundred. Satisfaction guaranteed. Elmer Nordstrom, Randolph, Kan.

SINGLE COMB WHITE AND BLACK Minorcas. True Minorca type, long backs, low tail. Largest of non-setters and lay largest eggs of any breed. Stock and eggs for sale. Charles F. Adams, Druggist, Newkirk, Oklahoma.

ORPINGTONS.

CHOICE BUFF ORPINGTON EGGS, MRS. W. V. Wilson, Detroit, Kan.

BUFF ORPINGTON EGGS \$1.00 FOR 15. A. M. Jordan, Manhattan, Kan.

S. C. BUFF ORPINGTON EGGS \$1 PER 15. Mrs. G. E. Berry, Garnett, Kansas.

SINGLE COMB BUFF ORPINGTON EGGS \$5.00 per 100. Russell Ware, Cawker, Kan.

COCKERELS: S. C. BUFF ORPINGTONS; \$1.25. Mrs. J. A. Young, Wakefield, Kan.

WHITE ORPINGTON COCKERELS, KELLERSTRASS, Mrs. B. H. Bornhouser, Toronto, Kan.

BUFF ORPINGTON EGGS 50C-15. \$3.00 per 100. Wilson Hough, Holton, Kan., Rt. No. 4.

S. C. W. ORPINGTONS, 100-\$5.00, 50-\$3.00. Express paid. John Vanamburg, Marysville, Kan.

BUFF ORPINGTON EGGS. \$4.00-100. Standard range flock. Nettie Kubik, Caldwell, Kan.

WHITE ORPINGTONS, HUNDRED EGGS, \$5. Mating list free. Mrs. Helen Lill, Mt. Hope, Kan.

S. C. WHITE ORPINGTON EGGS, PURE bred. \$1 fifteen, \$5 hundred. Zephie Ray, R. 2, Lewis, Kan.

KELLERSTRASS STRAIN WHITE ORPINGTON eggs. 15-\$1.50 prepaid. Ed Chandler, Buffalo, Kan.

EGGS FROM A FINE FARM FLOCK BUFF Orpingtons. \$3.50 per 100. Mrs. Walter Clark, Okaloosa, Kan.

S. C. BUFF ORPINGTON EGGS, HUNDRED \$3.50, setting 75c. Good layers, Lettie Vining, Mahaska, Kan.

EGGS FROM PURE BRED S. C. BUFF Orpingtons. 18 75c, 100 \$4.50. Mrs. A. Gfeller, Chapman, Kan.

PURE BRED BUFF ORPINGTON EGGS. \$1.00-15. \$5.00-100. Mrs. L. Sweany, R. No. 7, Manhattan, Kan.

WHITE ORPINGTON EGGS \$4.00 PER 100 or parcel post \$1.25 per 15. Mrs. Arthur Dilley, Beatle, Kansas.

WHITE ORPINGTON EGGS \$5 PER 100. Pen eggs \$2 per 15. Best blood lines. Chas. Pfeffer, Riley, Kan.

BUFF ORPINGTON EGGS \$1.00-15. \$5.00-100. Baby chicks 10 cts. Ralph Chapman, Winfield, Kan., Rt. No. 4.

PURE BRED WHITE ORPINGTONS, EGGS \$1 per fifteen. \$5.00 per hundred. Mrs. W. Patterson, Yates Center, Kan.

BUFF ORPINGTONS, 15 EGGS \$1.00, 100-\$5.00. Prizes at four shows this season. Mrs. E. L. Knapp, Maple Hill, Kan.

COOK'S STRAIN OF SINGLE COMB BUFF Orpington eggs for sale \$1.00 per 15. Mrs. C. C. Thornburtow, Wetmore, Kansas.

WHITE ORPINGTON EGGS FROM MY Kansas State Federation winners. \$1.50 and \$3.00. Thomas Gary, Abilene, Kan.

BASSETT'S BUFF ORPINGTONS LAY. Eggs \$3.00, \$2.00, \$1.00 for fifteen. Mating list free. C. A. Bassett, Burlingame, Kan.

WHITE ORPINGTON STOCK CHEAP. Eggs one fifty per setting, five dollars per hundred. H. F. Beltner, Overton, Neb.

BUFF AND WHITE ORPINGTONS \$3.00 per 15. Bred Rocks \$2.00 per 15. Member of A. P. A. W. P. Schmidt, Canton, Kan.

SHEPHERD'S S. C. BUFF ORPINGTONS won first pen, Topeka fair. Eggs \$1 to \$3 per fifteen. Max Shepherd, Salina, Kan.

THOROUGHbred S. C. BUFF ORPINGTON eggs. \$1.00 per 15. \$6.00 per 100. Devered. J. A. Blunn, Sta. A. Wichita, Kan.

WHITE ORPINGTONS, FINE TYPE, eggs from pens \$2 and \$3 per 15. Utility \$1.00 per 15. Mrs. W. P. Leatiner, Ottawa, Kan.

WELLER'S BUFF ORPINGTONS ARE the greatest business fowl. They lay more, grow faster and win \$5.00 per 100. L. S. Weller, Salina, Kan.

ORPINGTONS.

S. C. BUFF ORPINGTON EGGS FOR SALE from prize winning stock, price \$4.00 per hundred, \$2.50 for 50. Ida Fevury, Easton, Kan.

GOLDEN BUFF ORPINGTON. COOK'S strain. Eggs 30-\$2.25, 100-\$5.00. Postpaid. White House Poultry Farm, Salina, Kan.

EXTRA FINE S. C. BUFF ORPINGTONS - Prize winners. Eggs \$1.50 per 15; \$5.00 per 100. Buffalo Poultry Farm, Altoona, Kan.

BUFF ORPINGTONS, EGGS, FROM STATE fair winners. Catalogue ready \$1.50 15. Can please you. Aug. Peterson, Churdan, Iowa.

PURE BRED ROSE COMB BUFF ORPINGTONS. Eggs fifteen \$1.50, thirty \$2.50. Hundred \$5.00. Fannie Renzenberger, Greeley, Kan.

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NARRAGANSETT TURKEY EGGS, 12-\$4.00. Mrs. Perry Myers, Fredonia, Kan.

WHITE HOLLAND TURKEY EGGS, \$2.50 for 11. Mrs. Susie Lenhart, Abilene, Kan.

BOURBON RED TURKEY EGGS FROM old stock \$2.50 for 11 eggs. Augusta Hand, Ellsworth, Kan.

THOROUGHbred WHITE HOLLAND turkey eggs \$2.00 per 11. Mrs. Grace Dick, Harlan, Kan.

TURKEYS.

PURE BRED BOURBON RED TURKEY eggs \$2.00 per 11. Mrs. Frank Richmond, Baileysville, Kansas.

NARRAGANSETT TURKEYS—CHOICE strains. Eggs for sale. Mrs. Chas. Mitchell, Thayer, Kan., R. No. 4.

EXTRA LARGE BONED MAMMOTH Bronze turkeys. Eggs \$2.50 ten. Walter Welde, Yates Center, Kan.

THOROUGHbred WHITE HOLLAND turkey eggs 20 cts. each. Frank Darst, R. No. 3 Box 17, Fredonia, Kan.

GIANT BRONZE TURKEY EGGS \$2.50 PER 9 from big frame, well marked stock, also toms. Vira Bailey, Kinsley, Kan.

BOURBON RED TURKEY EGGS FROM two year white tail stock \$3 and \$3.50-12. Mrs. P. D. Briggs, Sedan, Kan.

MAMMOTH BRONZE TURKEY EGGS \$3.00 per 11 eggs. Mrs. Will L. Miller, Green- leaf, Washington Co., Kan., Rt. No. 1.

BOURBON RED TURKEY EGGS, FROM purebred stock. \$3.00 per 12. Prepaid. White Runner duck eggs \$1.25 per 12. \$2.50 per 30. Prepaid. Thos. Turner, Seneca, Kan.

BOURBON RED TURKEYS, FINE MAT- ings headed by my first prize toms at Missouri State, Kansas State and San Fran- cisco shows. Eggs 3.00 and 4.00 per 11. Free catalog. Mrs. Clyde Meyers, Fredonia, Kan.

BOURBON RED TURKEY EGGS—FROM two yards unrelated. \$3 per 11. Large, well colored birds. Prize winners. Directions for raising and receipt for home-made lice powder free. Ringlet Barred Rock eggs. Mrs. C. B. Palmer, Uniontown, Kan.

WYANDOTTES.

BUFF WYANDOTTES, FIFTEEN EGGS \$1.00. Geo. Kittell, Newton, Kan.

PURE SILVER WYANDOTTES, 100 EGGS \$4. Mrs. J. W. Gause, Emporia, Kan.

WHITE WYANDOTTES, EGGS 75c-15, \$3.50-100. Mrs. Alice Sellars, Mahaska, Kan.

SILVER LACED WYANDOTTE, EGGS \$5 per 100. Mrs. Alvin Tennyson, Lamar, Kan.

PURE SILVER WYANDOTTE EGGS, 100 \$4, setting \$7.50. Emma Downs, Lyndon, Kan.

W. WYANDOTTE EGGS FOR UTILITY and show birds. G. D. Willems, Inman, Kansas.

PURE BRED WHITE WYANDOTTE EGGS \$3.00 per hundred. Vida Hume, Tecumseh, Kansas.

COLUMBIAN WYANDOTTE EGGS \$1.00 per 15. Choice stock. N. Sanders, Osage City, Kan.

SILVER WYANDOTTE EGGS, CAREFUL- ly selected pen. Ralph Sanders, Osage City, Kan.

PURE WHITE WYANDOTTE EGGS, 75c setting, \$4-100. Mrs. George Rankin, Fre- donia, Kan.

WHITE WYANDOTTE EGGS \$1.00-15, \$5.00-100. Mrs. Geo. Downie, Route 2, Lyndon, Kan.

WHITE WYANDOTTE EGGS, FISHBL and Keller strain. \$5.00-105. Mrs. Wm. Nollin, Monroe, Iowa.

WHITE WYANDOTTE EGGS, GOOD farm flock, \$1, 15; \$5, 100 prepaid. Dwight Osborn, Delphos, Kan.

WHITE WYANDOTTE EGGS—FARM range 15-75, 100-\$4.00. Mrs. Henry Behrens, Lyndon, Kan.

EGG STRAIN, RANGE WHITE WYAN- dottes, 15-\$1.00, 100-\$4.50. Mrs. Albert Grimm, Caldwell, Kan.

DODD'S WHITE WYANDOTTES, WIN- ners and layers. Dodd's White Wyandotte Farm, Girard, Kansas.

WHITE WYANDOTTE EGGS FROM PRIZE winners \$1.50, \$3.00 per fifteen. Mrs. Chas. Gear, Clay Center, Kan.

EXPRESS PREPAID ON OUR WHITE Wyandotte eggs, \$1.50 per setting. E. H. Klasinger, Fairfield, Neb.

SILVER WYANDOTTES, PURE BRED. Eggs 75c per 15, \$2 per 50. Mrs. George Milner, Neosho Falls, Kan.

WOOD'S SILVER WYANDOTTE EGGS hatch quality birds. Write for mating list. Earl Wood, Grainfield, Kan.

WHITE WYANDOTTES, EXCLUSIVELY. Eggs \$1.80, thirty; \$4.50, hundred. Mrs. Will Beightel, Holton, Kan.

WHITE WYANDOTTE EGGS FROM PRIZE winning stock, \$1.00 setting, \$5.00 per 100. W. G. Young, Liberal, Kan.

ROSE COMB WHITE WYANDOTTE EGGS \$1.00 per 15, \$4.00 per 100. Mrs. Robt. Greenwade, Blackwell, Okla.

SILVER WYANDOTTES, PURE BRED range flock, eggs \$1 setting, \$5 hundred. J. B. Fagan, Minneapolis, Kan.

WHITE WYANDOTTES, KEELER STRAIN, direct setting \$1.50. Range \$4.00. Mrs. Arthur Lemert, Cedarvale, Kan.

PURE PARTRIDGE WYANDOTTE EGGS for hatching, \$1.00 for 15, \$5.00 for 100. Mrs. L. M. Ayers, Sabetha, Kan.

BEAUTIFUL SILVER WYANDOTTES, \$1.50 to \$5.00. Eggs fifteen \$1.50, Hundred \$6.00. Mrs. Edwin Shuff, Plevna, Kan.

KEELERS WHITE WYANDOTTES, EX- cellent winter layers. Eggs \$2.50, \$5-100. Mrs. W. H. Royer, Dallas Center, Iowa.

PARTRIDGE WYANDOTTES, BEST IN the West, eggs, baby chix, correspondence solicited. E. E. Grimes, Minneapolis, Kan.

WYANDOTTES.

THOROUGHBRED SILVER LACED WYANDOTTES \$1 PER 15, \$5 PER 100. Farm range. Frank Kletchka, Horton, Kan., R. 2.

BONNIE VIEW WHITE WYANDOTTE eggs, baby chicks, extra fine large white birds. Bonnie View Farm, New Sharon, Iowa.

GOLDEN WYANDOTTE EGGS \$1.50 PER 15. Egg circular of all leading breeds free. Monroe Poultry Yards, Box 11, Monroe, Iowa.

COLUMBIAN WYANDOTTE EGGS OF prize winners \$2.00 utility flock, \$1.00 setting also fancy pigeons. J. J. Pauls, Hillsboro, Kan.

PRIZE WINNING PARTRIDGE WYANDOTTES. Stock and eggs for sale. Eggs \$1.00 to \$2.50 per 15. J. T. Shortridge, Oak Mills, Kan.

WHITE WYANDOTTES—FISHEL AND DUSTON strains. Baby chicks 12 1/2 cts. Eggs \$1.00 per 15. \$5.00 per 100. Mrs. A. Koger, Tyro, Kan.

PURE BRED ROSE COMB WHITE WYANDOTTE eggs 16 for .75, 100 for \$4.00. Parcel post. 80 setting. Mc. H. G. Stewart, Tampa, Kansas.

R. C. WHITE WYANDOTTES, HIGH SCORING, eggs for hatching 15 for \$1.00. A hundred for \$5.00, for 8 weeks. W. R. Boxell, Onelda, Kan.

BENSON'S SILVER WYANDOTTES, EGGS for hatching from pure bred utility stock \$4.00-100, 60% fertility guaranteed. J. L. Benson, Olsburg, Kan.

CHOICE PURE BRED WHITE WYANDOTTE eggs \$1.50 per 15. \$6.00 per 100. Pen eggs \$3.00 per 15. Guaranteed fertility. Frances Fleury, Concordia, Kan.

SILVER WYANDOTTE EGGS, PLENTY OF them, from extra fine pens. Bargains in a few cocks. Incubator eggs \$5.00 per 100. M. B. Caldwell, Broughton, Kan.

GOLDEN WYANDOTTES, THE BEAUTY breed. Eggs and baby chicks for sale from high scoring stock, prices reasonable. Mrs. H. O. Mott, White City, Kansas.

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WHITE WYANDOTTES, WINNERS AND layers. Eggs from choice flock \$1.50 per 15. \$7 per 100. Guarantee 9 chicks per setting or duplicate at half price. G. A. Wiebe, Beatrice, Neb.

ROSE COMB WHITE WYANDOTTES, show quality and winter egg strain. 15 eggs \$1.00. 50-\$2.50. 100-\$4.50. Safe arrival and satisfaction guaranteed. Garland Johnson, Mound City, Kan.

KOSAR'S QUALITY WHITE WYANDOTTES. Pen headed by a sweepstake bird, eggs 15-\$3.00. Range 15-\$1.25. 50-\$3.00. 100-\$5.00. Fertility guaranteed. Andrew Kosar, Delphos, Kan.

SILVER LACED WYANDOTTE EGGS. Pure bred. Sixty per cent hatch guaranteed, or order duplicated at half price. Fifteen, \$1. One hundred, \$5. Write for circular. S. B. Dressler, Lebo, Kan.

WHITE WYANDOTTES—WINNERS SECOND PRIZE Kansas City Royal, eggs 15-\$1.25, 100-\$6. Fawn and White Runner ducks, well marked sure prize winners. Eggs 15-\$1. Mrs. Ira Abbey, Pleasanton, Kan.

SEVERAL VARIETIES.

CHICKS—REDS, WHITES, LEGHORNS, Anconas, Barred Rocks, James M. Harris, Muskogee, Okla.

EGGS—WHITE ROCKS, BOURBON RED turkey, Buff Orpington ducks. Mrs. Chas. Snyder, Effingham, Kan.

STOCK AND EGGS FROM FANCY AND utility stock. Prices reasonable. Mrs. F. O'Daniel, Westmoreland, Kan.

COCKERELS OF QUALITY—RHODE ISLAND Whites \$1.25. S. C. White Leghorns \$1.00. Will Tonn, Haven, Kan.

WHITE WYANDOTTES, WHITE MINORcas, Rose Comb Reds. Fifteen eggs one dollar. Con Linwall, Lindeborg, Kan.

HILLCREST BARRED ROCKS AND Indian Runner ducks. Stock for sale. Eggs setting \$1.00. 100 \$4.00. D. T. Gaunt, Crete, Neb.

WHITE COCHIN BANTAMS, BIRDS AND eggs. White Wyandotte and Rose Comb White Leghorns, eggs 17-\$1.25 prepaid. Mrs. Albert Peffery, El Dorado, Kan.

WE SOLICIT YOUR EGG TRADE. S. C. W. Leghorn R. C. R. L. Reds, Columbian Wyandottes, Blue Andalusians, Black Javas. Write J. A. Corkill, Goodland, Kan.

UTILITY BARRED ROCKS AT BERMUDA Ranch. Eggs 15-\$1.00. 100-\$4.00. English Pencilled Runner ducks eggs 12-\$1.00. 100-\$5.00. Frank Hall, Toronto, Kansas.

YOU GET SIZE AND QUALITY S. C. Black Minorcas, Barred Plymouth Rocks and White Rocks. Eggs \$1.50 per setting. \$5.00 per hundred. W. F. Fulton, Waterville, Kan.

WHITE PLYMOUTH ROCK EGGS, 15 FOR \$1.00. 100 for \$5.00. Single Comb Buff Leghorns 15 for \$1.00. Mammoth Pekin ducks, 10 for \$1.50. F. C. Swiercinsky, Belleville, Kan.

WHITE ORPINGTONS, SHOWN 9 TIMES and won the blue on all. Eggs till May 25th. Runner duck egg strain Fawn and White 75c setting. Mrs. J. C. Vincent, Jamestown, Kan.

PURE ROSE C. W. LEGHORNS, EGGS \$3.50 per 100. Bourbon Red turkey eggs \$2.75 per 12. Pure White, English Pencilled, Fawn White Runner ducks, eggs \$1 per 15. L. H. Dicke, Lyndon, Kan.

THOROUGHBREDS, ROSE COMB WHITE Wyandottes, eggs \$4.00 per 100, free range. Settings R. C. Reds, B. P. Rocks and Black Langshan \$1.00 per 15 eggs. Mrs. Henry Siegert, Blackwell, Okla.

MISCELLANEOUS POULTRY.

43 VARIETIES, POULTRY, PIGEONS, ducks, geese, incubators, Catalog in colors free. Mo. Poultry & Squab Co., Dept. H. C., Kirkwood, Mo.

SAVE YOUR CHICKS! DOCK LOVELAND'S P. C. Starting Food is not a medicine but prevents white diarrhoea. Send 25c for trial package. Satisfaction or money returned. Loveland Milling Co., Wichita, Kan.

LIVE STOCK

Advertisements under this heading will be inserted at 6 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

ABERDEEN ANGUS BULLS. CHOICE INDIVIDUALS. Alex Spong, Chanute, Kan.

REGISTERED HOLSTEIN HEIFERS. Campbell Bros., Manhattan, Kan., Rt. No. 4.

FOR SALE—SEVEN REGISTERED HOLSTEIN cows and heifers. W. H. Surber, Peabody, Kan.

POLAND CHINA BRED GILTS \$25. Shoats \$10. Pigs \$5. Quick. Frank Barrington, Sedan, Kan.

FOR SALE—SHORTHORN BULLS 12 TO 18 months, also females. All registered. J. Thorne, Kinsley, Kan.

GRADE AND REGISTERED JERSEYS—Bull and heifer calves and springers. G. H. Randolph, Emporia, Kansas.

REGISTERED HOLSTEIN BULL CALF. Extra good individual. Mostly white. Well bred. \$80. O. S. Andrews, Greeley, Kan.

FOR SALE—ONE SHARE AND SET OF herd books in the National Duroc Association. H. M. Harrington, Clearwater, Kan.

NINE REGISTERED JERSEY COWS AND heifers. Excellent un-related bull, Oakland's Sultan 2nd. Percy Lill, Mt. Hope, Kan.

FOR SALE: YOUNG WELL-BRED JACK—In fine condition. Would trade for other young live stock. A. M. Wells, Martin City, Mo.

DUROCS IMMUNIZED BIG TYPE REGISTERED boars, real herd headers; if you want good boars, I have them. Bred sows. A. V. Balch, Morrilton, Ark.

LIST YOUR LIVESTOCK IN BREEDER'S Directory. Reaches all big stock men in Missouri Valley. Results produced or no money required. Western Publishing Co., Box 189B, Kansas City, Mo.

PET STOCK

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BELGIAN HARES. LUTE CARR, GARDEN CITY, Kan.

WANTED—A YOUNG SCOTCH COLLIE. Mrs. James Hanna, Clay Center, Kan.

FOR SALE: SIX WEEKS OLD WHITE Spitz puppies. J. H. Flora, Quinter, Kansas, R. No. 1.

TWO HANDSOME FEMALE COLLIES, five months, partly trained \$10. Quick. Frank Barrington, Sedan, Kan.

RUSSIAN WOLF, ENGLISH GREY IRISH stag. English Fox and Collies. Pups \$5 up. Idle Hour Kennel Co., P. O. Box 178, Guymon, Okla.

SEEDS AND NURSERIES

Advertisements under this heading will be inserted at 6 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

PURE BRED SEED CORN. J. J. McCray, Manhattan, Kan.

ORANGE CANE SEED 75C PER BUSHEL. Jas. Stephenson, Clements, Kan.

FOR SALE—ORANGE CANE SEED 50C per bu. Chas. O. Brant, Isabel, Kan.

PURE WHITE BLOSSOM SWEET CLOVER seed \$10 bu. H. E. Davis, Norwich, Kan.

SEED CORN BEST VARIETIES. LOWEST prices. Write J. A. Jordan, Ogden, Kan.

SUDAN GRASS, SHAWNEE CO. GROWN. \$2.25 per 25 lbs. John Howey, R. No. 20, Berryton, Kan.

JAPANESE SORGHUM SEED, 6 CENTS LB. Sample 10 cents. M. H. Southworth, R. 3, Boynton, Okla.

PURE WHITE BLOSSOM SWEET CLOVER seed. Hulled \$10 per bu. J. N. Thompson, Moran, Kan.

SEED CORN—IMPROVED, HIGH-YIELDING strains—Bristow Seed Corn Farm, Watmore, Kansas.

HAND PICKED SEED CORN IN EAR OR shelled. For prices write John Pearson, Preston, Nebraska.

SMUTLESS WHITEHULL KAFFIR, Recleaned, \$1.00 bu. Sacks 25c. O. S. Newberry, Hutchinson, Kan.

STRAWBERRY PLANTS—THOROUGHbred and well rooted. Prices reasonable. R. A. Jenne, Eureka, Kan.

ACCLIMATED BERMUDA GRASS ROOTS. Bran sack full \$1.00. Six sacks \$5.00. Frank Hall, Toronto, Kan.

BERMUDA ROOTS—WRITE ME FOR DELIVERED prices. Tamworth Swine Breeder, Howard Pendleton, Yukon, Okla.

SEEDED RIBBON AND SUMAC CANE seed, hand picked and recleaned, \$1.50 per bu. G. E. Irvin, Gage, Okla.

SPANISH PEANUTS—SOUND, BRIGHT seed. One dollar per bushel, sacked, our track. W. R. Hutton, Cordell, Okla.

ST. CHARLES WHITE SEED CORN. Fancy. Hand picked. \$1.50 per bushel. D. D. Sullivan, R. 2, Effingham, Kan.

SEED CORN IN EAR OR SHELLLED, Kansas Sunflower, Golden Beauty Kaw Chief Blue and White. F. E. Tonn, Haven, Kan.

SEED CORN. FIRST PRIZE AT STATE exhibit. \$1.50 per bu. White Wyandotte eggs. A. Munger, Route 8, Manhattan, Kan.

PURE BLACK HULLED WHITE KAFFIR corn graded and tested. \$1.00 per bu., burlap sacks free. A. J. Rymph, Harper, Kan.

SWEET CLOVER SEED. (WHITE BLOOM) Scarified. High germination. Sample and prices on application. W. E. Doud, Eureka, Kan.

BOONE COUNTY WHITE AND HILDRETH Yellow Dent graded seed corn at \$1.50 per bu. F. O. B. cars Humboldt, Kan. Josiah Wood.

BROME GRASS SEED. BEST FOR PERMANENT pasture. Fifteen cents per pound in fifty pound lots. Achenbach Bros., Washington, Kansas.

10 ELBERTA PEACH TREES FOR 75C postpaid. Fruit book with wholesale prices free. Wellington Nurseries, Dept. A, Wellington, Kansas.

PURE, RECLEANED SUDAN GRASS SEED, cts. per lb.; 100 lbs. \$6.00. No Johnson grass. Germination guaranteed. J. W. Goode, Brinkman, Okla.

JERSEY SWEET POTATOES SEED \$1 bushel. Plants \$2 thousand. Cabbage \$2. Tomatoes \$2.50. 50c hundred parcel post. The Copes, Topeka.

HOMEGROWN ALFALFA AND WHITE blossom Sweet clover, fancy and choice. Write for samples and prices. Asher Adams, Osage City, Kansas.

HOG ARTICHOKE FOR SALE: BIG PRODUCERS. Mammoth White Pearl \$1.00 per bu. F. O. B. cars Wichita. J. O. Rea, Wichita, Kan., Route No. 3.

SUDAN, KANSAS GROWN, FREE FROM Johnson grass, fancy quality, and recleaned. \$10.00 per hundred. Gould Grain Co., Dodge City, Kansas.

FOR SALE—EXTPA GOOD WHITE hulled kafir seed; was ripe before frost. Also some white corn. John Roehman, R. No. 4, Herington, Kan.

MILLET SEED. I HAVE A QUANTITY of choice German millet seed for sale. Recleaned and fine. Ask for samples and price. E. A. Fulcomer, Belleville, Kan.

FOR SALE—PURE BLACK HULLED White Kafir corn seed \$1.00 per bu. No orders less than 2 bu. Sacks free. Send draft with order. Will Albin, Saffordville, Kan.

PURE IOWA GOLD MINE AND BOONE County White seed corn. \$1.50 per. Guarantee satisfaction. J. F. Feigley, Enterprise, Kan.

HIGH YIELDING EARLY WHITE DENT seed corn bu. \$1.25. Fine recleaned Black-hull White kafir bu. \$1.10 sacked. Money with order. C. L. Kobler, Penokee, Kan.

SEED CORN—HILL'S WHITE DENT, ALSO Bloody Butcher. In ear \$1.50. Tipped, butted, shelled \$1.75. Graded \$2.00. Satisfaction guaranteed. Samples free. John S. Hill, Melvern, Kan.

FOR SALE, CHOICE RECLEANED HOME grown Sudan grass seed inspected, free from Johnson grass 10 cents per pound F. O. B. Spearville. J. E. Wiese, Spearville, Ford Co., Kansas.

CANE SEED. WHERE ARE YOU GOING to get it? Of Fairchild Bros., Endicott, Neb., of course. They are the largest growers of cane seed in the West. Good seed; price reasonable. Let us supply you.

SWEET POTATO PLANTS, YELLOW Jersey \$1 thousand. All other kinds \$1.25 thousand. Tomato plants \$2.50 thousand. 50c hundred prepaid. Give railroad. D. Childs, R. F. D. 27, Topeka, Kan. Phone 3751K2.

GOLDEN DWARF MAIZE, DWARF black hulled White kafir in head 3c lb. Eden Gem canteloupe 50c lb. Teopery beans 10c lb. Delicious squash 15c lb. Mexican beans 10c lb. F. O. B. Tyrone, Okla. J. W. Wartenbee.

BERMUDA GRASS—HARDY, RANK growing variety. Stands floods, droughts, hot winds and severe freezing. Best and hardest pasture grass. Great milk producer. Write today for leaflet telling how to get started. Henry Jefferies, Ottawa, Kansas.

NANCY HALL SWEET POTATO PLANTS, tomato plants \$2.00 thousand; cabbage plants \$1.25 thousand. Any kind 40c hundred by parcel post. 5,000 lots prepaid express. Can ship million weekly after May 1st. Quantity orders solicited. Catalog free. Acme Plant Company, "Largest Southwest," Bentonville, Arkansas.

PURE WHITE BLOSSOM SWEET CLOVER seed, hulled, cleaned, scarified, 100 lbs. \$19. Under 60 lbs. 20 cts. per lb. Ask me to prove to your satisfaction the superiority of scarified seed. Pure Sudan grass seed from northern grown stock; grown seven miles from Nebraska state line in Marshall county. No Johnson grass here. 100 pounds \$9; 50 pounds \$5. 10 pounds and under 12 cts. per pound. Satisfaction guaranteed. Willis J. Conable, Axtell, Kan.

FARMERS—PLANT CORN, BRED, RAISED and sold by a farmer. Large, early white, corn with red cob. Height 8 ft.—ears 8 to 10 in. long. Extra long deep grains. I guarantee this corn to stand more extremes of temperature, either hot or dry, and make corn, than any corn grown. Also will grow faster and yield more to acre than any other corn planted and cultivated the same. I refer you to Wakeeney State Bank or any County Official or person in this county (Trego). Selected and graded \$1.50 per bu. F. O. B. Wakeeney, sacks free. H. C. Bryant, Rt. No. 2, Wakeeney, Kan.

FOR SALE

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BALED PRAIRIE AND ALFALFA HAY. A. B. Hall, Emporia, Kan.

FOR SALE—TWO CYPHERS INCUBATORS, 244 size, \$25 each. F. Vernum, Altoona, Kan.

FOR SALE CHEAP—TWO CAR LOADS good hedge and catalpa posts. Jerry Howard, Mulvane, Kan.

GOOD FENCE POSTS FOR SALE. HEDGE, Burr oak and walnut. In car lots. Write for prices. John Pearson, Preston, Nebraska.

MERCHANTS DELIVERY FOR SALE—Four wagons, eight horses, in town of 3,000. L. W. Brunson, owner, Larned, Kan.

RESIDENCE NEAR K. S. A. C., 9 ROOMS, modern, in the best residence section, \$4100. Terms. Address Mrs. B. E. Ford, Manhattan, Kan.

FOR SALE OR EXCHANGE FOR WELL improved farm. Twenty room modern boarding house. Good location. Mrs. Gus Schabeck, Atchison, Kan.

SALE OR TRADE, ACTUAL VALUES. Splendid home, Liberal, Kansas. Desirable property, Wichita. Two fine quarter sections near Liberal. Forty acres Missouri. Want improved acreage Central Kansas, some fruit. Describe fully. Owner, G. M. Glenn, Liberal, Kansas.

FINE TOPEKA HOME FOR SALE—I WILL sell my place in Topeka, located on the most beautiful street in the city, near limits of city, two blocks from street car, two blocks from fine school, fine old shade, park like surroundings, lot 61 1/2 by 205 feet, eight room house, modern in every detail, hardwood finish, four fine mantels and grates, of oak, brick and tile, big sleeping and dining porch, both screened, barn, poultry houses, etc., etc. Fine place for farmer who wants to move to the capital city. Price \$5,500, worth more. Cash or terms. Interest only 6 per cent instead of the usual 7 per cent. No trade. Address R. W. E. care Mail and Breeze.

LUMBER

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LUMBER AT WHOLESALE TO THE CONSUMER. Send itemized bills for estimate. We guarantee quality, count and can ship promptly. McKee Lumber Co. of Kansas, Emporia, Kan.

LUMBER, MILLWORK, SHINGLES. SAVE money by buying from the mills. 20% to 40% saving. Quality, quantity guaranteed. Free Plan book. Contractors Lumber Supply Co., 336 Leary, Seattle, Wash.

TANNING

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LET US TAN YOUR HIDE: COW, HORSE, or calf skins for coat or robe. Catalogue on request. The Crosby Frisian Fur Co., Rochester, N. Y.

LANDS

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CHEAP LAND FOR SALE. F. M. HINDMAN, Richfield, Kan.

CALIFORNIA FARMS FOR SALE. TERMS. Write E. R. Waite, Shawnee, Okla.

FOR RENT—90 ACRES ALFALFA AND 35 acres corn land. Otto Johnson, Garrison, Kan.

SEVERAL SNAPS IN WHEAT AND ALFALFA farms. C. S. Eno, Bazine, Ness Co., Kan.

150 ACRE FARM, FIRST CLASS. IMMEDIATE sale necessary. Hubert Beeman, Mannsville, N. Y.

INTERESTED SHALLOW WATER DRY lands in Northeastern Colo. Write King & Thompson, Greeley, Colo.

LYON COUNTY CORN AND ALFALFA farms at attractive prices. Cash or terms. E. B. Miller, Admire, Kan. Some trades.

LEVEL HALF SECTION, RURAL ROUTE from county seat. One mile from school. \$2800. Elmer Hier, Guymon, Okla., Route 5.

KANSAS CITY INCOME PROPERTY TO exchange for improved Western Kansas land. Theo. H. Lampe, Stock Yards, Kansas City, Mo.

SEVEN WELL IMPROVED FARMS, Kansas City territory. Big Bargains. Easy terms. Thos. B. Lee, Trustee, Stock Yards, Kansas City, Mo.

FOR SALE—160 A GRASS LAND 3 1/4 MILES from Delta, Jackson Co., Kan. Lays well. Price \$50 a., will carry back 60 per cent. A. J. Jones, owner, Mayetta, Kan.

FREE 320 ACRE COLORADO HOMEsteads. Last chance to secure one. Rich, level land. Fine water. Address Day And Night Realty Co., Box 595, Pueblo, Colorado.

TO EXCHANGE—WELL IMPROVED stock and grain farms, St. Joseph territory, for clear Western Kansas land. J. J. Cunningham, Owner, 3814 Flora Ave., Kansas City, Mo.

FOR SALE: OR TRADE FOR MO. OR Kansas land; fine level quarter of land fifteen miles from Rocky Ford, one and one-half miles from Timpas on main line of Santa Fe, fenced and buildings. Price \$8,000.00. Terms. W. J. French, La Junta, Colo.

WANTED—FARMS AND RANCHES! OWNERS send description. We have cash buyers on hand. Don't pay commission. Write Up-to-Date Realty Exchange, La Salle, Illinois.

FREE GOVERNMENT LANDS—SOME OF best farm land in Colorado still open to settlement. Ask us how to get it. Pamphlets free. Immigration Department 1519 Tremont Place, Denver, Colo.

## FARMS WANTED

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

WANTED—FARMS; HAVE 3,357 BUYERS; describe your unsold property. 647 Farmers' Exchange, Denver, Colo.

I HAVE SOME CASH BUYERS FOR SALABLE FARMS. Will deal with owners only. Give full description, location, and cash price. James P. White, New Franklin, Mo.

FARMS WANTED. WE HAVE DIRECT BUYERS. Don't pay commissions. Write describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 28 Palace Bldg., Minneapolis, Minn.

FARMS WANTED—THE CLEANEST AND most up-to-date stock of general merchandise in county seat, railroad division, West Central Oklahoma, business 95% cash, making money, invoice around \$20,000, also building. Exceptional opportunity for right parties. Want to trade for \$6000.00 cash and balance in good farm properties, clear. Selling account of outside interests. B. B. care Mail and Breeze.

## PATENTS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

PATENTS THAT PAY. \$600,812 CLIENTS made. Searches. Advice and two books free. E. E. Vrooman & Co., 885 F. Washington, D. C.

SEND FOR FREE BOOKLET "ALL About Patents and Their Cost." Shepherd & Campbell, Patent Attorneys, 500C Victor Building, Washington, D. C.

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ITALIAN BEES FOR SALE. A. H. DUFF, Larned, Kan.

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CREAM WANTED—THE INDEPENDENT Creamery Company of Council Grove, Kansas, buys direct from the farmer. Write for particulars.

## STOCK REMEDIES

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

NEVER FAIL WART PASTE. ONE APPLICATION completely removes all bloody warts, proud flesh growths following wire cuts, and jack sores. Easily applied. Money refunded if not satisfied. Full directions. Price \$1.00. Queen City Chemical Co., Winfield, Kansas.

## HELP WANTED

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

THOUSANDS GOVERNMENT POSITIONS now open to farmers. \$75 month. Write immediately for list of positions. Franklin Institute, Dept. J 48, Rochester, N. Y.

THOUSANDS U. S. GOVERNMENT JOBS now open to farmers—men and women. \$65 to \$150 month. Vacations. Pleasant work. Steady employment. Pay sure. Common education sufficient. Write immediately for free list of positions now obtainable. Franklin Institute, Dept. J 51, Rochester, N. Y.

## MALE HELP WANTED

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

GOVERNMENT FARMERS WANTED. \$60 to \$125 monthly. Free living quarters. Write Ozment, 38F, St. Louis.

MOLER BARBER COLLEGE. OLDEST and cheapest. Men wanted. Write for free catalogue. 514 Main St., Kansas City, Mo.

SALESMEN WANTED FOR FRUIT AND ornamental trees. Experience unnecessary. Outfit free. Pay weekly. Carman Nursery Co., Lawrence, Kan., Dept. A.

WANTED. RAILWAY MAIL CLERKS, clerk-carriers, and rural carriers. I conducted examinations. Trial lesson free. Write, Ozment, 38 R, St. Louis, Mo.

## SITUATION WANTED

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

EXPERIENCED FARMER WANTS WORK on widow's farm. Good ref. Address Eox 2, Burns, Kan.

YOUNG MAN 18, AMBITIOUS TO WORK on farm, would prefer an outdoor position. Must be steady, have some farm experience. Address, E. R. Jendrick, 1721 N. Kimball Ave., Chicago, Ill.

## AGENTS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

SUITS \$3.75, PANTS \$1.00, MADE TO MEASURE. For even a better offer than this write and ask for free samples and styles. Knickerbocker Tailoring Co., Dept. 451, Chicago, Ill.

## KODAK FINISHING

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

FILMS DEVELOPED 5C. POSTCARD prints 4c, smaller sizes 3c. Dept. B, Hall Photo Finishing Co., Chapman, Kansas.

## FARM MACHINERY

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

14 H. P. N & S STEAM ENGINE FOR automobile. Geo. Rogge, Paxico, Kan.

AVERY TRACTOR 20-35, FOUR BOTTOM Avery power lift plow and Avery separator 28-48. Sell together or separately. First class condition. Bargain. Leonard Scott, Crestline, Kan.

## CANNERS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

HOME CANNERS—ALL SIZES. USED BY U. S. government schools, girls' clubs, collaborators and farmers everywhere. Headquarters for cans and labels. For catalog and special offer, write Royal Home Canner Co., Dept. 200, Albion, Ill.

## MISCELLANEOUS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

WANT TO BORROW \$3000 5 YEARS, 6%. On city property worth double, principals only. Add. L. Box 168, Garden City, Kan.

BINDER TWINE SISAL STANDARD 500 feet 10c fob Minneapolis, Omaha, Kansas City. Cooper Twine Company, Minneapolis, Minn.

HEAVES CURED OR MONEY BACK. Bairds Heave Remedy is guaranteed. Write Baird Mfg. Co., Box 601, Purcell, Okla., for particulars.

INSURE YOUR LIFE. USE A GUARANTEED safety controller on your Ford. Price \$1.00 prepaid. Agents wanted. Dubuque Safety Auto Controller Co., Dubuque, Iowa, Box 93.

A LIMITED QUANTITY PURE VERMONT maple syrup. We produce it and guarantee it absolutely pure. Sugar 35c pound. \$3.25-10 lb. pail. Syrup \$2.00 gallon. Drop postal. Rust Bros., Chester Depot, Vermont.

FREE BOOK ON BABY CHICKS. SAVE your baby chicks. Whartenby's Wonder Baby Chick Saver saves and raises 95% of hatches. Book "How to Feed and Care for Baby Chicks" included with 50c order or sent free for ten poultry raisers' names. F. A. Whartenby, 1011 N. Shartel, Oklahoma City, Okla.

TWO PAPERS FOR PRICE OF ONE—For the next thirty days, we will give one year's subscription to Farmers Mail and Breeze, edited by Tom McNeal, and one year's subscription to Capper's Weekly for one dollar. Send in your subscription at once. Address: Arthur Capper, Publisher, Topeka, Kansas.

BIG BARGAIN FOR SHORT TIME ONLY. Send only 10 cents and receive the greatest farm and home magazine in the Middle West for 12 months Special Special! Special! For dairy, poultry and home. Address Valley Farmer, Arthur Capper, publisher, Dept. W. A. 10, Topeka, Kansas.

BUSINESS OPPORTUNITY. FOR SALE—\$30,000.00 stock of general merchandise and fixtures. This is a going business in a growing county seat town of twenty-five hundred in Southeast Oklahoma. Lease on best location in town. Write or call and see, The P. T. Walton Lumber Co., Guthrie, Okla.

## Fool The Batter, Boys!

### Baseball Curver Free

Boys, you can simply make monkeys of the other boys with this curver. You can be as big a hero in your town as any big league pitcher. The curver which is worn on the hand enables the pitcher to give the ball a rapid whirling motion thus causing a wide curve. It is so small that the batter cannot see it and they all wonder where those AWFUL CURVES come from. You can fan them out as fast as they come to bat. A complete set of directions for throwing curves with each curver.

OUR OFFER: We are giving these baseball curvers away free as a means of introducing our great home and family magazine, The Household Magazine. Send us 10c for a three months' subscription and upon receipt of same we will send you one of the curvers, by return mail free and postpaid. Address: HOUSEHOLD MAGAZINE, Dept. C6, Topeka, Kan.

## Sunday School Lesson Helps

BY SIDNEY W. HOLT.

Lesson for April 23: The Risen Christ. 1 Cor. 15:1-28.

Golden Text: Now hath Christ been raised from the dead, the first-fruits of them that are asleep. 1 Cor. 15:20.

About 26 years after the Ascension of our Lord, we find Paul writing this letter, from Ephesus, to the Christians in the Corinthian Church, who were discussing the immortality of human beings, reminding them that the proofs he had given them of the resurrection of Jesus, applied to every one as well, and if they did not believe that way their faith was in vain.

In this fifteenth chapter of Corinthians is found the earliest specimen of a creed for the early church, and the resurrection is treated with such force and fullness as is given nowhere else.

Undoubtedly, to all of us at some time, comes the question about a life after death. The person weary with this world's struggles, reaches out instinctively to something better, and to those who have lost one dear to them, an immortal life is a necessity. In this letter St. Paul explains why the Risen Christ is the proof of our immortality.

He does not give all the appearances of Christ after His resurrection. He leaves out the account that the Gospels give us of His appearing to Mary Magdalene, and the other women. Probably he does not give these instances because he did not talk with them about the resurrection, and he was only giving instances where he had every proof that the reports were authentic.

According to the Scriptures, the death of Christ was not an accident, but a fulfilling of an age long plan of God. He was buried, and the third day He arose. Had He not risen, His body could have been produced by the enemies of His followers.

If it were mortal and death real, there would be a power in the world greater than God, and that could not be, for in the beginning God created—Jesus could not give a redeemed world to His Father if His death had been a victory only for Himself.

We may be children of dust, but we are also heirs to the kingdom of glory. Jesus said, "I am the resurrection and the life," therefore, we live in the light of immortality.

Welcome, happy morning! age to age shall pass; Hell today is vanquished, heaven is won today; Lo! the Dead is living, God for evermore! Him, their true Creator, all His works adore.

The reason why Easter is a movable feast is because our Lord rose from the dead at the time of the Jewish Passover, and the Passover was always decided by the time of the full moon, which comes on, or next after March 21.

Easter means a bursting forth of life and love and flowers. The rolling away of the stone from the sepulchre is a symbol of what Jesus does to our lives. He rolls sin and eternal darkness out of our souls and gives us life eternal instead.

What joy burst forth into the world with our first Easter! It was the foundation of the Christian religion that nothing can shake. History proves that Jesus lived, and died, and rose again.

## A Remedy for Clover Bloat

The cause of and a remedy for clover bloat have been found by D. J. Healy and J. W. Nutter of the Kentucky Agricultural Experiment station. These facts are announced in Circular No. 5, issued recently by the Kentucky station.

Red clover blossoms contain about 3.6 per cent of sugar; alfalfa blossoms, 2.8 per cent; White clover blossoms, 2.4 per cent. After being eaten by stock, this sugar undergoes rapid fermentation and is converted into carbon dioxide. This causes the bloating.

The authors of the bulletin strongly recommend for acute bloating, 1 quart of 1 1/2 per cent solution of formalin. After this is administered, a wooden block should be placed in the animal's mouth, and the animal should be given gentle exercise if it can be gotten on its feet.

Formalin is a trade name for a 40 per cent solution of formaldehyde gas in water and may be obtained at any drug store for about 40 cents a pint. One-half ounce of formalin in 1 quart of water is the proper solution with which to drench an animal.

## Annual Crops are Needed

The use of annual pasture crops as a supplement to native grass, or to provide pasture on the small farm, is receiving much attention by Kansas farmers. Knowledge of the varieties of annual crops best suited to the soil and climatic conditions of the state is considered important.

"Many owners of native grass pasture could supplement to advantage their grass with an annual forage crop during part of the grazing season," says Ralph Kenney, instructor in farm crops in the Kansas State Agricultural college. "Such supplementary pasture, especially during the fore part of the growing season, will prevent much injury to grazing land by avoiding too close grazing and by encouraging the production of seed. The small farmer who has no native grass pasture or who has not succeeded in establishing a permanent pasture of tame grasses is forced to depend upon the annual pasture plants.

"The earliest annual pasture crop that can be seeded in the spring is oats. A heavier seeding should be made than when the crop is intended for grain purposes. Stock may be turned in on the oats as soon as it is 8 or 10 inches high.

"Rape, seeded at 3 to 5 pounds an acre in the second or third week of April, may be used to succeed the oats pasture. When the rape plants are about 1 foot high they may be pastured. Sweet sorghum is seeded May 10 to 25 at the rate of 1 bushel of seed an acre, and is ready for pasture July 1. If not too heavily pastured sorghum will remain good until fall."

Early varieties of cowpeas or soy beans may be planted May 15 on the same ground which gave oats pasture by merely disking thoroly and seeding broadcast or in rows. When the first pods begin to ripen, usually about the middle of August, the crop is ready for pasture.

Sudan grass, which promises to become one of the most valuable of all the annual pasture crops of Kansas, in the opinion of Mr. Kenney, may be used in place of sweet sorghum. It is seeded with a wheat drill about May 10 at the rate of 15 pounds an acre. By July 1 it will ordinarily be ready for pasture purposes, and if pastured uniformly, will produce a succession of green, tender shoots from that time until frost.

## Horse Radish Easy to Grow

The growing of horse-radish as a commercial crop is receiving more attention every year. Soil and climatic conditions in portions of Kansas are well adapted to its growth. Horse-radish production near Topeka is a profitable industry. Adjacent to most cities and many small towns may be found gardeners who make a specialty of grating and bottling this crop.

"Horse-radish is best adapted to a cool, deep, rich soil and a late growing season," says M. F. Ahearn of the Kansas State Agricultural college. "It grows until cold weather and because of its rapid growth frequently becomes a troublesome weed. It is a perennial.

"Horse-radish is propagated from root cuttings which should be smooth and straight and from 4 to 6 inches long. The tops of the cuttings should be placed from 3 to 5 inches below the surface of the soil. Horse-radish should be planted 12 to 18 inches apart in rows sufficiently wide to permit horse tillage."

The crop is harvested by plowing out, washing, and grading the roots. It is necessary to grade the roots so that they will fit the grating machine. The price of horse-radish varies from \$8 to \$50 a ton. An acre produces from 2 to 4 tons, but greater yields are obtained from deep rich soils where there is no lack of moisture.

## All Blush

A well-known novelist was talking about one of her books.

"Conventions—conventionality," she said. "Such things remind me in their artificiality of a famous girls' school."

"The lady principal of this school took her older pupils to the National Academy's Spring show. Entering the hall of sculptures, she was heard to say, as she looked up from her catalog, 'Attention, young ladies! When you come to the next statue but one, you will all blush.'"

# Less Livestock to Market

Falling Prices Checked Country Shipments—U. S. Report Says April Wheat Conditions Lowest Since 1904—Discounted

**T**HE decline in prices of livestock owing to liberal receipts checked country shipments last week and the market turned up vigorously, making a full recovery in cattle and a substantial net gain in hogs and sheep. Compared with last week the decrease in cattle receipts was 33 per cent, hogs 24 per cent and sheep 7 per cent, or a total of 127,000 head.

Cattle prices started up on Monday and the market closed the week in a firm position, 25 to 50 cents above the preceding week. Fat steers were quoted 35 to 50 cents higher, and back to the high position of the year.

Commission men do not believe that the market is in a position to stand liberal supplies. Reduction in this week's supply showed that cattle on feed are in strong hands, and that sagging prices will check the movement.

The bulk of the good to choice steers last week sold at \$8.85 to \$9.50, and the plainer kinds brought \$8.25 to \$8.80. Several large bunches of Oklahoma steers brought \$8.35 to \$8.75, and Colorado steers sold up to \$9.25, or as high as any time this season. In Chicago prime steers sold up to \$10.

Prices for butcher cattle were 25 to 35 cents higher, and trade active. Heifers and steers and helpers mixed sold up to \$9.50, and cows up to \$8.25. Veal calves were quoted off 50 to 75 cents, top \$10. Receipts here were moderate, but in Chicago there was a liberal supply from the dairy districts.

Urgent demand continued for thin cattle, and prices were up 15 to 25 cents. A good many feeders sold at \$8 to \$8.70. Some 464 pound stock calves brought \$9.

Only 253,000 hogs arrived at the five Western markets last week, 80,000 fewer than last week and 410,000 less than in the big week of January. On Monday prices advanced 25 to 30 cents, and there was a scramble to get the offerings. Later in the week shipping demand was less urgent. The net advance for the week was 25 to 30 cents. The top price was \$9.70. Because of weather conditions and the advance last week fairly liberal supplies were expected. Chicago's estimate for Monday is 35,000.

Early in the week sheep prices were set back 35 to 50 cents, but regained 30 to 40 cents of the loss. Choice lambs Tuesday sold down to \$11 and Thursday they brought \$11.40. Spring lambs, the first this season, sold at \$17 a hundred pounds, the highest price ever paid on this market by \$2. Few spring lambs will be offered before June and up to that time fed sheep and lambs will be the principal supply. Fat lambs are quoted at \$10.80 to \$11.40, ewes \$7.75 to \$8.40.

Receipts of livestock with comparisons, are here shown:

	Last week.	Preceding week.	Year ago.
<b>Cattle—</b>			
Kansas City .....	24,600	31,800	29,175
Chicago .....	26,700	41,200	29,600
Five markets .....	75,475	112,900	90,350
<b>Hogs—</b>			
Kansas City .....	38,150	46,350	42,800
Chicago .....	109,000	148,000	114,000
Five markets .....	253,750	333,150	294,700
<b>Sheep—</b>			
Kansas City .....	24,725	32,500	17,500
Chicago .....	68,500	48,500	54,500
Five markets .....	137,725	147,650	122,650

Continued uneasiness over the condition of growing winter wheat and delayed seeding of spring wheat resulted in further advance of about 5 cents for wheat futures in the forepart of last week, boosting prices to about 15 1/2 cents above the recent low levels made the middle of March. Sentiment was then modified somewhat by beneficial moisture in the Southwest and all the gains were wiped out.

The April crop report issued by the government showed a winter wheat condition of 78.3, a deterioration of 9.4 points since December, 10.5 points below the 1915 April condition, and the lowest April condition since 1904.

Some importance was attached to a report issued by the Agricultural Department that 14.4 per cent, or 146 million bushels of the 1915 crop, was unfit for milling and that 7.3 per cent, or 74 million bushels, was fed to livestock. The latter quantity is withdrawn from commercial channels and has caused some modifications in calculations of a big carry-over July 1. However, the department states that the replies to their inquiries on these subjects were so variable as to make accurate deductions impossible and any estimate debatable.

Foreign demand for wheat last week did not show much activity, sales amounting to only about 3 million bushels and the bulk of that was Canadian grain. However, advices from England, France and Holland denoted resumption soon of buying for immed late shipment. Arrivals in importing countries are rather large, but a fair proportion is going toward building up reserves and slow movement from Argentina and Australia makes continued purchases in North America a necessity. The Allies are credited with having 20 million bushels of wheat bought in Australia, but it will require a long time to transport

this quantity if shipments do not exceed the rate of the last four weeks.

Prices, for No. 2 hard American wheat in Liverpool yesterday were equal to \$2 1/2 a bushel, 2 1/2 cents higher than a week ago. Prices there are 10 cents a bushel lower than on March 18, despite the advance in domestic markets since that date. With prevailing high ocean freight rates, 50 cents a bushel from New York to Liverpool, there is not a shipping margin now between Kansas City or Chicago and the English markets.

Indications are that world's shipments of wheat for last week, as they will be reported by Broomhall Monday, will total around 14 1/2 million bushels, about 3 million bushels more than a year ago.

Exports of wheat and flour from the United States and Canada last week, according to Bradstreet's, were 8,402,000 bushels, compared with 8,806,000 bushels in the preceding week and 7,311,000 bushels a year ago.

Argentina exported 3 1/2 million bushels last week, compared with 4,448,000 bushels a year ago. Shipments from Australia were 2,384,000 bushels, the largest thus far this season, and 1 million bushels more than in the preceding week.

Movement of wheat diminished only slightly last week. General precipitation suggested additional falling off this week. Receipts of winter and spring wheat at the five important markets totaled 4,461 cars, only 115 cars less than in the previous week, but nearly two and a half times as much as reported a year ago.

The corn market was a rather narrow affair, with extreme range of prices less than 2 cents and closing quotations slightly lower than the preceding week.

Sentiment favored the buying side in the main, owing to indications of some awakening in foreign demand and the fact that stocks are beginning to diminish. Elevator holdings in Kansas City decreased about 300,000 bushels last week, the first reduction for several months past. Total stocks are 6 million bushels, compared with 2,286,000 bushels a year ago. Chicago receipts were 1/2 million bushels more than shipments. Stocks there last Monday totaled 11,031,000 bushels, after a decrease of 197,000 bushels for the week, compared with 15,965,000 bushels a year ago.

Moderate increase in receipts and more willingness of country holders to sell, owing to recent advances in carlot prices, were weakening influences. Receipts last week at the three Western markets were 1,523 cars, 15 per cent more than in the preceding week and 50 per cent more than a year ago. The Dutch government made moderate purchases of corn at the seaboard last week and Kansas City dealers effected additional sales to go East for export. Broomhall reported improved spot demand in that country, with American grades competing with Argentine offerings.

Hard Wheat—No. 2, nominally \$1.10 @ 1.13; No. 3, nominally \$1.08 @ 1.17.  
Soft Wheat—No. 2, nominally \$1.14 @ 1.20; No. 3, nominally \$1.08 @ 1.15.  
Corn—No. 2 white, nominally 70 @ 70 1/2c; No. 3, nominally 69 @ 69 1/2c; No. 2 yellow, nominally 72 1/2 @ 73c; No. 3, nominally 71 1/2 @ 72c.  
Oats—No. 2 white, nominally 47 @ 48c; No. 3, nominally 44 @ 47c; No. 2 mixed, nominally 41 @ 43c; No. 3, nominally 35 @ 40c.  
Rye—No. 2, nominally 87c.  
Barley—No. 4, nominally 59 @ 60c.  
Bran—Nominally 91 @ 92c.  
Shorts—Nominally \$1.08 @ 1.12.  
Corn Chop (city mills)—New bags, nominally \$1.38.

Seed—Per cwt., alfalfa, \$16.50 @ 18.50; clover, \$16 @ 19; cane seed, 85 @ 95c; millet, German, \$1.70 @ 2; common, \$1.30 @ 1.45; Siberian, \$1.25 @ 1.40.

Eggs—New white wood cases included: Firsts, 20 1/2c; current receipts, \$5.90 a case; secondhand cases, 10c less; Southern, 15c less.

Butter—Creamery, extra, 35c a lb.; firsts, 33c; seconds, 31c; pound prints, 1c higher; packing stock, 26 1/2c.

Live Poultry—Broilers, under 2 lbs., 35c; springs, 25c; young roosters, 13c; old roosters, 12c; hens, 17c; turkey hens and young toms, 21c; old toms, 16c; ducks, 16 1/2c; geese, 10c.

Strawberries—Louisiana and Texas, \$2 @ 2.50 a 24-pint crate.

Potatoes—Carlots. Northern table stock, 75 @ 90c a bushel; new Florida, \$3 @ 3.25 a hamper. Southern sweet potatoes, 75c @ 1.25 a cwt.

Fruits—Apples, \$1.50 @ 2.25 a box, \$2 @ 4 a barrel. Fancy Westerns, \$2 @ 3.25 a bushel-box. Oranges, California navels, \$2.50 @ 3.50 a box. Lemons, \$2.75 @ 3.75 a box. Grapefruit, \$3 @ 3.50.

Vegetables—Onions, new Texas, No. 1, \$1.25 @ 1.60 a crate old, \$1 @ 2 a cwt. Cabbage, \$2 @ 2.25 a cwt.  
Hides—Green salted, cured, No. 1, 17 1/2c; No. 2, 16 1/2c.  
Hay—Prairie choice, \$10.50 @ 11; No. 1, \$9 @ 10; No. 2, \$7 @ 8.50; No. 3, \$5 @ 6.50. Lowland prairie, \$4 @ 5. Timothy, No. 1, \$12.50 @ 13.50; No. 2, \$9.50 @ 12; No. 3, \$6 @ 8.50. Light clover mixed, \$10.50 @ 11.50; No. 1, \$9 @ 10; No. 2, \$5 @ 7.50. Clover, No. 1, \$8 @ 9; No. 2, \$5 @ 7.50. Alfalfa, choice, \$15.50 @ 18; No. 1, \$14 @ 15; standard, \$11 @ 13.50; No. 2, \$8.50 @ 10.50; No. 3, \$6 @ 8. Straw, \$4 @ 4.50. Packing hay, \$3.50 @ 4.50.

# Choice of Roses and Gladiolus Free



## Six Beautiful Roses

Everyone loves flowers and the one special favorite of all is the Rose. The Hardy Everblooming Garden Cut-Flower Roses are the result of crosses between the Hybrid Perpetual (June Roses) and the Monthly Blooming Tea Roses. They partake of the hardiness of the Perpetuals and the beauty and delicacy of the Tea Roses. The flowers appear with the same freedom as the Teas, affording a season of almost perpetual bloom.

### Description of the Roses

**LESLIE HOLLAND**—A fragrant, beautiful red Rose that flowers constantly. The color is constant and durable, being one of the few dark red Roses that does not rapidly fade. For massing for color effect, it presents boundless opportunities.

**WHITE KILLARNEY**—One of the finest of white Roses. The blossoms are sometimes tinged with pale bluish, accentuating their beauty. The fragrance is as delicate as the hue of the blossoms. The fact that it is an ever blooming variety greatly enhances its value and accounts for its widespread popularity.

**COUNTESS OF ILLCHESTER**—Brilliant, velvety-crimson. The blossoms are highly perfumed, the fragrance being penetrating and lasting. The flowers are of splendid form, large and full. The buds are peculiarly handsome in form. It is one of the best Roses of the garden, and for cutting, on account of the long, sturdy stems.

**LADY ALICE STANLEY**—Whatever else one may plant in the way of Roses, the garden should contain this Rose to be complete. Or, where only a few Roses are to be grown, this one should find a place. It is silvery-rose in color, with a sweet fragrance, the flowers come freely and constantly. Large, full, globular blossoms.

**HARRY KIRK**—A creamy-yellow Rose, strikingly pleasing, both in form and fragrance. The flowers are large and heavy, beautiful in every respect. The growth of the bush is inclined to assume a compact form and produces flowers in abundance. The strong, vigorous plants are particularly valuable for massing in solid beds, and their daintily tinted flowers harmonize and contrast most effectively.

**MRS. AARON WARD**—A salmon-yellow Rose that has numerous admirers. The flowers are borne freely, with delicate fragrance, and are very large, very full and of fine form. This variety is the equal of all the yellow Roses, and by many growers is considered a superior sort because of the beauty of the buds and flowers, and the profusion of bloom. It will keep up a continuous succession of bloom into cold weather.

### SPECIAL OFFER

**OFFER NO. 1.** We will send you choice of any three garden roses with a yearly subscription to the Mail and Breeze at the regular subscription rate of \$1.00 and 10 cents additional.

**OFFER NO. 2.** We will send all six garden roses all charges prepaid, with a three-year subscription to Mail and Breeze at \$2.00. We urge you to accept offer No. 2 as you will then receive our publication three times as long as you would by accepting offer No. 1 and you will also receive twice as many roses. This is a splendid bargain offer. New, renewal or extension subscriptions accepted on this offer.

## Eight Lovely Gladiolus

The Most Popular of Summer Flowering Bulbs

In the Gladiolus we have one of the most popular of all garden plants and probably the most popular of that class known as summer flowering bulbs. The Gladiolus is of easy culture and its certainty of flowering makes it deservedly popular. The blooms are of immense size often measuring five to nine inches across. Flowers are of most striking appearance and stay in bloom for a long time. The flowers are not surpassed by the Orchids, and blending from white through pink and purple. In the later introductions we find flowers purplish black. Many varieties are beautifully mottled making them of striking beauty. The spikes should be cut when two or three of the lower flowers have opened and the spikes then placed in water will open completely. Planting should be made in the spring as soon as the soil will permit.

### SPECIAL OFFER

We will send these eight Gladiolus as described above with a yearly subscription to Mail and Breeze at the regular subscription rate of \$1.00 and 15 cents additional. Or we will send the Eight Gladiolus with a three-year subscription to Mail and Breeze at \$2.00. Satisfaction guaranteed.



MAIL AND BREEZE, Flower Dept., Topeka, Kansas

Gentlemen—Enclosed find.....cents for which please send me

Mail and Breeze.....year and.....as my premium as per offer above.

Name.....

P. O..... State.....

R. F. D..... Box.....

# BIG BARGAINS IN REAL ESTATE

Dealers whose advertisements appear in this paper are thoroughly reliable and the many bargains are worthy of your consideration

**Special Notice** All advertising copy discontinuance orders and change of copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication to be effective in that issue. All forms in this department of the paper close at that time and it is impossible to make any changes in the pages after they are electrotyped.

160 A. fine wheat land; well located. \$10 acre. Box 874, Garden City, Kan.

**FOR LAND BARGAINS** write or call on Towanda Realty Co., Towanda, Kan.

**SNAPS.** 80 and 160, 3 mi. out; fine imp. Possession. Decker & Booth, Valley Falls, Kan.

**PROSPEROUS** Meade County, Land. \$12 and up. No trades. Write J. A. Denslow, Meade, Kan.

320 A. stock and grain farm. \$37.50 a. Terms, Mdse. and farms to exchange. Hedrick & Beschka, Hartford, Kansas.

80 A. 1 mile town; 1/2 cult., bal. pasture and meadow. All tillable; well watered. Good house. Poor barn; \$50 an a. Landrith & Bradley, Buffalo, Kan.

300 A. Blue River bottom; no overflow. 150 a. bottom, bal. rough grazing land. \$5000 worth imp. \$20,000. 2 mi. R. R. No sand; no trade. A. A. Murray, Westmoreland, Kan.

**FORCED SALE.** 160 acres good agricultural land, eastern Kansas, one-half mile town, has 3 producing oil wells. Price \$60 per acre. Address E. H. Baker, Topeka, Kan.

25 ROOM brick hotel, all furnished; want to exchange for land. Rent \$85 per mo. Will assign lease or give possession or will trade the furniture and lease for residence. Casida & Clark, Ottawa, Kan.

**FARM BARGAINS.** 160 a. 2 mi. town; 100 mi. K. C. Valley land; 95 a. cult., 35 a. meadow; 30 a. pasture. 4 r. house. On auto road. Best bargain in E. Kan., at \$6400. Must sell. Terms. E. E. Sewell, Garnett, Kan.

**FOR SALE.** Imp. irrigated grain and alfalfa farms with electric power for pumping and farm use. Also unimproved shallow water land can be irrigated by pumping. Free book and photos. Agents Wanted. Write B. H. Tallmadge, Garden City Sugar Co., Garden City, Kan.

**CORN AND WHEAT** farm, 480 acres, well improved; 4 miles out; 200 a. cult., bal. pasture; 3 wells and mills. Price \$10,000. Will carry \$4,000.00 at 6%; other farms, all sizes. Above farm rented for 1/2. Come or write. Buxton & Rutherford, Utica, Ness County, Kansas.

**FOR SALE:** 80 acres, joins the city of Wichita; all level and every foot alfalfa land. Nothing as good around it at \$200 per acre. Price for a short time only \$125 per acre. There is a mortgage company loan on this; \$5000 long time 6%. Wright & Edminster, 415 Fourth National Bank Bldg., Wichita, Kan.

320 A. fine stock and grain farm, well located. Well impr. Price \$55 per acre; terms. Canterbury & Canterbury, Butler, Mo.

**CHASE CO. RANCHES** and alfalfa farms at bargain prices. Some exchanges. Webb & Park, Clements, Kansas.

160 ACRES level valley land, four miles from town; in Reno Co. Improved; \$9000. Haines & Conner, Hutchinson, Kan.

**IMPROVED FARMS** for sale in German Catholic and Lutheran settlement. Write Jake Brown, Olpe, Kansas.

**GOOD** improved 80 adjoining Burlingame. Electric lights and water works. \$5200. E. H. Fast, Burlingame, Kan.

**TELL YOUR NEIGHBOR,** and have him tell his neighbor, now is the time to buy Western wheat land. See or write The King Realty Co., Scott City, Kan.

160 A. WELL IMP., 100 cult.; 15 alfalfa, bal. pasture. Creek bottom. No overflow. \$160 income, gas rental. \$45 a. J. W. Showalter, Altoona, Kan.

160 A. Bourbon County, 2 miles to town, dark limestone soil, no stone; 80 acres cultivated, 40 meadow, 40 bluegrass; well improved, good water. \$60 an acre. Chenault Bros., Fort Scott, Kan.

**MAKE A RUSH** for this Rush County, Kan., bargain. 160 a. close to market; 100 a. in wheat, bal. fenced; no improvements. Sale only. A snap at \$4800. Terms. Jas. H. Little, La Crosse, Kansas.

**GOOD QUARTER NEAR MOSCOW, KANS.** 160 acres good smooth land, mixed soil, not sandy. Small house, well, other improvements. 100 a. fine wheat goes with land. 15 miles Moscow. Price \$3000. Write for other bargains. Land-Thayer Land Co. Kansas.

**SELL LAND AND LOTS AT AUCTION.** It is the surest, quickest, most successful method, proven by hundreds of auction sales this season. For terms, etc., write LAPE BURGER, LAND AUCTIONEER, Wellington, Kan.

**WHEAT LANDS FOR SALE.** A few choice wheat farms in Rush Co., Kan., can be bought with a small cash payment; bal. on wheat plan. Write for particulars. Schutte & Newman, La Crosse, Kansas.

**A REAL BARGAIN.** 273 a. good smooth land, 100 a. bottom, 2 sets improvements; good 3 room house, big barn, 10 a. bearing orchard; 1/2 miles to good R. R. town. Part cash, bal time; easy terms. Worth \$60, price \$45. Salter Realty Co., Wichita, Kan.

**CHASE COUNTY FARM.** 280 acres 6 miles Elmdale, main Santa Fe. 120 acres cultivated, 1/2 bottom, 1/2 second. 160 acres fine grazing, good improvements, daily mail, telephone, fine location, some timber. 40 acres alfalfa. \$13,000. Terms on half. J. E. Beacock & Son, Cottonwood Falls, Kan.

**KAW RIVER BOTTOM FARM.** 120 acres, 7 room house, barn, good out-buildings, 3 room tenant house. Fenced, plenty water. Main road. Improvements only 2 years old. Rich soil. All tillable. Does not overflow. Worth \$150. No trade. \$110 per a. Stephenson & Webb, Topeka, Kan.

**HASKELL COUNTY** Good level land, rich soil. Every foot tillable at \$12.50 to \$17.50 per acre. Write for literature and land list, or better yet, come out. Satanta Land Co., Satanta, Kan.

**SOUTHWESTERN KANSAS** Choice wheat farms, near market, \$15 per acre. Excellent pasture lands as low as \$6.00 per acre. You want our bargain list. Griffith & Baughman, Kansas.

**TREGO COUNTY GUARANTEED LAND.** Wheat, corn, hogs and cattle leading products. Some real snaps. \$16 to \$40. Write for particulars. E. D. Wheeler, Wakeency, Kansas.

**FOR SALE** 160 acres Trego Co. land. Owner will sell at bargain. Write for description and terms. C. M. Bell, Box 106, Utica, Ness Co., Kan.

**160-ACRE SNAP** Southwest of Wichita; joins good town; 90 acres wheat; 30 oats; new bldgs.; all crops go; possession; only \$75 per acre; terms. R. M. Mills, Schewler Bldg., Wichita, Kan.

**YOURS IF QUICK ENOUGH** 160 a. 7 mi. from town, smooth and level, good location, price \$5500, \$1000 cash, bal. 3 yrs. 6%. First man who sees it will buy. Take advantage of the opportunity. Coons & Jacobs, Plains, Kansas.

**SCOTT COUNTY** 160 a. level, near Modoc; close to school. 70 acres wheat; \$15.00, terms. Improved farms, ranches, alfalfa land. R. H. CRABTREE, Scott City, Kansas.

**\$5,500** \$5,500 with \$3,500.00 down, buys a good section of land 8 1/2 miles of Elkhart, Kan., almost level. Blue stem all over it. Tyler Mullins Land Co., Elkhart, Kan.

**Ness County Lands** Good wheat and alfalfa lands at \$15 to \$25 per acre. Fine crops of all kinds in 1914 and better crops in 1915. No better soil in Kansas. Land in adjoining counties on the east \$40 to \$75 per acre. Buy here while land is cheap. Write for price list, county map and literature. No trades. Floyd & Floyd, Ness City, Kansas.

## FOR SALE OR EXCHANGE

**TRADES EVERYWHERE.** Exchange book free. Berole Agency, El Dorado, Kan.

**E. KANSAS** farms in Catholic settlements. Exc. Frank Kratzberg, Jr., Greeley, Kan.

123 ACRE farm E. Kansas for merchandise. Watkins Land Co., Quenemo, Kan.

206 ACRES Anderson Co., Kan. Improved; to exchange for clear land or income property. J. F. Ressel, Colony, Kansas.

160 A. Improved farm 20 mi. from Little Rock; on rock road. \$2,000.00. Terms. Long, Williamsville, Mo.

**ARK-OKLA. INV. CO.,** Shoam Spgs., Ark., sell and exch. real estate, mdse., and other property. Describe what you have and want.

80 ACRES smooth, tillable land, 3 miles town, 30 blue grass, remainder cultivation, fair buildings, plenty of water, good neighborhood. Price \$10,000. Encumbrance \$4000 6%. Want western land. Mansfield Land Company, Ottawa, Kansas.

360 A. WELL IMP. N. E. Kan. Inc. \$10,500. Trade equity for hardware and implements. \$100 a. Modern home, new; Kansas City, Mo. \$26,000. Mtg. \$6,500. Equity for good land. Rental \$100 a month. Whitaker Bros., Falls City, Neb.

**TO EXCHANGE QUICK** for mdse. General stock preferred. 560 a. of all smooth, unimproved land located in Lane Co., Kan. No better soil in the state. Approximate value \$21 per a. I have all kinds of wheat and alfalfa land for sale. Address C. F. Edwards, Ness City, Kansas.

**Stevens Co., Kansas Special** 160 acres 4 miles S. of Moscow; nice smooth land. Sandy loam. The farm across the road made 40 bushels of wheat per acre in 1915. A snap; \$2000.00. Moscow Land Co., Moscow, Kansas.

**Santa Fe R.R. Lands** We have good propositions for the man with \$100, as well as the man with \$100,000. Large and small tracts, improved and unimproved. Terms, cash or easy payments. Low interest rates.

**Santa Fe Land Co.** Hugoton, Kansas.

**320 Acres** 1 1/2 miles of Marienthal, Wichita Co., Kansas. Good house and barn; well and windmill in sheet water district with enough water to irrigate whole tract. Will sell for \$25 an acre and will carry \$3200.00 back on place. Write and tell me your wants.

**C. A. FREELAND, Leoti, Kan.**

**LANE CO.**

If you want to buy a farm or ranch, in the coming wheat, corn and stock county of the West, write me as we have bargains from \$8.00 to \$25 per acre. Both improved and unimproved. Let me know what size farm you want and how much you want to pay on the same. W. V. Young, Dighton, Kansas.

**Free Map** Send today for colored lithographed map of Ness County and list of land bargains. **MINER BROS.** (Established 1885) Ness City, Kan.

**NEBRASKA**

**FINE LITTLE BANCH—480 a.,** 200 fine cult., bal. fine pasture, well fenced; ample bldgs., good condition. Station 6 mi. McCook, Neb. (Pop. 4,000). 1 1/2 mi. good roads, School 1 1/2 mi.; phone and R.F.D. Best small ranch in county. \$25 per a., 1/2 cash, bal. any time desired, 5%. No trades. Write R. A. Simpson, Owner, Blue Hill, Neb.

**WISCONSIN**

80,000 ACRES cut-over lands; good soil; plenty rain; prices right and easy terms to settlers. Write us. Brown Brothers Lumber Co., Rhinelander, Wis.

**SOUTH AMERICA.**

**WANT** few more members to assist in defraying expenses to secure half to a million acre FREE LAND GRANT in Bolivia; fine rich soil; ideal climate; highest references. Map 25c. J. B. S., Box Q, Sawtelle, Calif.

### COLORADO

**FOR SALE:** Fruit tracts and irrigated farms in Northern Colorado. Write me what you want. A. E. Goddard, Loveland, Colorado.

**FOUND—320 acre** homestead in settled neighborhood. Fine farm land; ample rainfall; nearly free timber. \$300, filling fees and all. J. A. Tracy, Ft. Morgan, Colo.

**CHOICE HALF SECTION HOMESTEADS.** Agricultural, shallow sheet water, timber close for fuel and improvements. J. H. D. Terral, Springfield, Colo.

640 ACRES, gently rolling, all plow land, splendid soil, one and one-half miles Cheyenne Wells, County Seat, exceptional bargain \$10 per acre; half cash, balance to suit. Cheyenne County Land Company, Cheyenne Wells, Colorado.

**LANDS IN THE RAIN BELT.** Washington County, Colo. Finest farm land in the West at lowest prices. Land where the crop pays for it in two years. Good climate, markets, churches and schools. Live agents wanted. Write for information. Co-Operative Realty Co., Akron, Colorado.

**A Good, Smooth 160 Acres** All prairie land; no improvements; shallow water. Good well. Six miles from Flagler, on mail route. For quick sale, \$1360. Terms. Chas. E. Gibson, Flagler, Colo.

### ARKANSAS

**ARKANSAS LANDS.** All kinds for hogs and cows. H. Hall, Waldron, Arkansas.

40 A. WELL IMP. Good orchard. 2 1/2 mi. town. \$17.50. Exchanges made. Frater Realty Co., Gravette, Ark.

160 A. IMP. 40 a. cult.; 100 timber. \$25 an acre. 1/2 cash, balance 6%. J. S. Ewalt Realty Co., Springdale, Ark.

**FOR SALE.** 39 a., 1 1/2 miles out, well imp. 7 a. orchard. Bargain, \$3500. 10 a. tract for auto. Foster & Austin, Gravette, Ark.

90 A. smooth, rich prairie farm; running water; good imp.; near school. \$5,000, part cash. Might trade. Box 15, Gravette, Ark.

160 A. black sandy loam, 1/2 in cultivation. Grow corn, wheat, oats, alfalfa, cotton. \$40 acre. Pike and railroad. Polk Real Estate Co., Little Rock, Ark.

**BIG CREEK VALLEY LAND,** sure crops corn, oats, wheat, clover, alfalfa. \$10 to \$50 per acre. No swamps, rocks, mountains, alkali or hard pan. Fine climate, water, schools, churches, neighbors and markets. Northern settlement, 15,000 acres already sold to satisfied homeseekers. Cash fare refunded, if not as represented. Cash or long time, easier than paying rent. Write for free map and booklet. Tom Blodgett, Little Rock, Arkansas.

### MISSOURI

70 ACRES, 1/2 mi. good town. Well imp. Watered. \$80 a. John B. Fugitt, Holt, Mo.

80 ACRES, highly improved, 2 miles Railroad town. \$80 an acre. Easy terms. K. & S. Land Co., Butler, Missouri.

**POOR MAN'S CHANCE—\$5** down, \$5 monthly, buys 40 acres good land, near R. R. town; some timber; price \$200, \$10 monthly buys 80 a. Write for list Box 425-O, Carthage, Mo.

### FARMS FOR SALE

**CARROLL COUNTY FARM.** 220 acres, highly improved, 2 miles from Hale, Mo., good town of 1,000 population. Good graded roads to town. Entire farm well fenced and cross fenced. Good 8 room house comparatively new. Good barn, 6 acres of orchard, 60 acres meadow, balance fine corn land. Owner is a non-resident and forced to raise money, will sacrifice this farm. Can give possession if sold this week. LETCHWORTH & BERRY INV. CO., 1120 Commerce Bldg., Kansas City, Mo.

### TEXAS

**A SNAP.** 480 a., imp. 200 in wheat. Land and location choice. \$15 a. \$1200 cash, bal. easy. J. N. Johnson Land Co., Dalhart, Tex.

**FREE TRIP TO SUNNY TEXAS** All kinds of farms for sale. Send for our free list. G. Less, Texarkana, Tex.

**BARGAINS IN FARMS AND RANCHES,** improved and unimproved, Midland, Upton and Glasscock counties; 70,000 acres for sale right. Henry M. Hall, Owner, Midland, Tex.

### MINNESOTA

**FOR SALE:** A stock farm 550 acres; river runs full length; all fenced; new set of buildings, good well. 20 acres ready for crop. Would furnish money to right man to buy stock. Price \$32 per acre. First State Bank Pine County, Pine City, Minn.

### OREGON

**FOR SALE.** 160 acres good land in Oregon; over four million feet good fir timber on property. Price \$25.00 per acre. Fine investment. Timber alone worth more money. Address for full particulars. Box 193, Seattle, Wash.

OKLAHOMA

OKLA LANDS. 40 to 500 a. tracts. Write for list. Roberts Realty Co., Nowata, Okla.

FARMING, pasture, oil and gas land, \$3 to \$15 a. J. E. Cavanagh, McAlester, Okla.

400 ACRES, good land; 8 houses, \$35 per a. Good terms. Other lands. Charles Whitaker, Eufaula, Okla.

WHY PAY \$150 an acre for Missouri, Iowa and Kansas land, when you can buy just as good farm lands for \$5 or less? Big oil and gas field. J. W. Davis, Ada, Okla.

160 A. all good corn land, 2 1/2 miles out. 80 broked; fine bearing orchard. Good well, all kinds; light improvements. Price \$2200. Good terms; no trades. Free list and map. Perry DeFord, Oakwood, Okla.

240 ACRES 2 1/2 miles Oakwood, Dewey Co.; 190 cultivated, 90 in wheat, good orchard; fair improvements; all fenced; silo; good black sandy loam soil. R. F. D. and phone. School, 1/2 mile. Price \$6500. Terms. L. Pennington, Oakwood, Okla.

PRYOR, MAYES CO., OKLA

No oil, no negroes. Agriculture strictly. Write T. C. Bowling.

Oklahoma Land For Sale

Good land in Northeastern Oklahoma; price from \$20.00 to \$35.00 per acre. Write for price list and literature. W. C. Wood, Nowata, Okla.

Dewey, Washington Co., Okla.

Located in a splendid oil, gas and agricultural country. Has two steam railroads, one electric interurban, water works, sewer system, electric lights, natural gas, paved streets, free mail delivery, manufacturing plants, two National banks, splendid schools, the best county fair in the state and three thousand live energetic citizens. Want more folks like those already here. For information, write Joe A. Bartles, Dewey, Okla.

Public Auction Of Oklahoma State and School Lands Beginning April 24th, 1916

The Commissioners of the Land Office of the State of Oklahoma will sell at the highest bid on forty (40) years' time at five (5) per cent approximately 311,711 acres of its state and school lands in tracts not exceeding 160 acres, according to the government survey thereof. Said lands being situated in Kiowa, Woodward, Ellis, Harper, Beaver, Texas and Cimarron Counties, and will be offered for sale in the respective county seats of said counties at the door of the County Court House thereof where County Court is held, as follows: HOBART, KIOWA COUNTY, April 24th. WOODWARD, WOODWARD COUNTY, April 26th, 27th, and 28th. ARNETT, ELLIS COUNTY, April 29th. BUFFALO, HARPER COUNTY, May 1st and 2nd. BEAVER CITY, BEAVER COUNTY, May 3rd and 4th. GUYMON, TEXAS COUNTY, May 6th to 16th, inclusive. BOISE CITY, CIMARRON COUNTY, May 18th to 27th, inclusive. Sales each day will begin at 9:00 o'clock. A large percentage of these lands are vacant lands and have no improvements. For further information address G. A. SMITH, Secretary, Oklahoma City, Oklahoma.

FARM LOANS

FARM AND CITY MORTGAGES a specialty. Write us if you wish to borrow. Perkins & Co., Lawrence, Kan.



Ship Us Your Stock That You Want to Market

Our twenty years' experience on this market will result after by competent men. Our weekly market letter will be sent free upon request. See that your stock is billed to us.

Ryan-Robinson Commission Co. 421-5 L. & C. Stock Ex., Kansas City, Mo.

Money to Loan on Cattle



We make a specialty of buying stockers and feeders on the market. Write for information. This paper or any market paper sent Free to Customers.

Lee Live Stock Commission Co. KANSAS CITY AND ALL MARKETS

Farmers Mail and Breeze, Topeka, Kan. Gentlemen—The way answers have been coming in I feel sure you people have earned the money and I have a few good sales going through now from your advertising.—Yours very truly, J. A. McLeod, Real Estate Dealer, Bearden, Ark., March 13, 1916. Farmers Mail and Breeze, Topeka, Kan. Gentlemen—Cut my ad out this week. We have sold all our bulls that are old enough for service. Send me my bill.—Yours very truly, Homan & Sons, Breeders of Shorthorns, Peabody, Kan., March 17, 1916.

WHAT BREEDERS ARE DOING

FRANK HOWARD, Manager Livestock Department.

FIELDMEN.

A. B. Hunter, S. W. Kansas and Okla., 128 Grace St., Wichita, Kan. John W. Johnson, N. Kansas, S. Neb. and Ia. 829 Lincoln St., Topeka, Kan. Jesse R. Johnson, Nebraska and Iowa. 1937 South 16th St., Lincoln, Neb. C. H. Hay, S. E. Kan. and Missouri. 4204 Windsor Ave., Kansas City, Mo.

PUREBRED STOCK SALES.

Claim dates for public sales will be published free when such sales are to be advertised in the Farmers Mail and Breeze. Otherwise they will be charged for at regular rates.

Shorthorn Cattle.

April 18—W. A. Prewett, Asherville, Kan. June 16—S. S. Spangler, Milan, Mo.

Jersey Cattle.

May 20—Robert I. Young, St. Joseph, Mo.

Holstein Cattle.

Apr. 18—J. R. Smith, Newton, Kan. Apr. 25—F. J. Searle, Oskaloosa, Kan.

Polled Durhams.

April 18—W. A. Prewett, Asherville, Kan.

Poland China Hogs.

May 3—Fred G. Laptad, Lawrence, Kan.

Duroc-Jersey Hogs.

April 29—J. F. Staadt, Ottawa, Kan. May 3—Fred G. Laptad, Lawrence, Kan. Nov. 2—Lant Bros., Dennis, Kan. 1/4

S. W. Kansas and Oklahoma

BY A. B. HUNTER.

Big Jacks at Bargain Prices.

The carload of jacks shipped to Newton, Kan., by Saunders & Maggard, Poplar Plains, Ky., has been reduced the last few weeks to 10 head and in view of closing out at an early date, very attractive figures are being made on these 10 head. Several of their very best jacks yet remain unsold and the way to get in on these bargains is to come to Newton, Kan., while they last. Saunders & Maggard, one of the largest jack breeding firms in Kentucky, have spent years in the production of high class jacks and jennets. For the last 20 years they have annually shipped to Kansas a car load of jacks. Their old customers are scattered thruout the state. Those who deal with them are always assured of absolute fair treatment. See these jacks at Welch's barn, right in town; call on or address Saunders & Maggard, Newton, Kan.—Advertisement.

N. Kansas, S. Nebr. and Ia.

BY JOHN W. JOHNSON.

Blough's Big Type Boars.

John M. Blough, Bushong, Kan., one of the well known big type Poland China breeders, raised a nice lot of boars last fall. He has culled them very closely and is now offering exceptionally choice young boars at fair prices. They are big fellows with lots of quality, sired by B's Big Orange and out of big mature sows. Mr. Blough says they are the grandest lot of young boars he ever raised. You will make no mistake by writing him for a boar if you want a good one.—Advertisement.

Prewett's Cattle Sale.

This is the last call for the W. A. Prewett, Asherville, Kan., sale of Polled Durham and Shorthorn cattle. Thirty head of the offering are cows and heifers with calves at foot or safe in calf to the service of Scotch Marshal 428309. The cows represent the best of breeding and are all good breeders and sold upon their merit. The seven young bulls are of serviceable ages and are extra choice. Three of them are double standard. The sale will be held at Mr. Prewett's farm, about 8 miles from Beloit and 1/2 mile north of Asherville. Best of train facilities to and from the sale from Beloit and extra good service in and out of Beloit for all directions on morning and evening trains. Mitchell county is well known as a purebred stock center and Mr. Prewett is one of the pioneers in registered stock breeding in that county. The foundation of his Polled Durham herd was drawn largely from the great Achenbach herd at Washington, Kan., and in making the selections price was hardly considered. Mr. Prewett's herd is really one of the best young herds in the West and his offering on the above date one of real merit.—Advertisement.

Norton County Breeders.

The Norton county breeders' advertising section is appearing every week in the Farmers Mail and Breeze and breeders who are in the market for breeding stock that is handled by any of the breeders advertising in this section should get in touch with the breeder that has what he wants. Just at present J. F. Foley of Oronoque, Kan., which is in Norton county, is advertising in this section some very choice fall boars. Boars that are real herd header material. They are of strictly big type and you simply can't beat the Foley type. Peter Luft, Almena, is also advertising in this section and has some choice gilts of last fall farrow for sale bred or open. Mr. Luft owns Luft's Orange, one of the really great sires in that section of the state. N. S. Leuzler & Son of Almena have some young Shorthorn bulls for sale. J. W. Liggett & Sons have a 30 months old Shorthorn bull for sale. They are keeping his heifers and desire to sell him. C. F. Poland and C. E. Whitney, both of Almena, have Poland China gilts of last fall farrow for sale, bred or open. The Norton county herds are among the best in the state and you better

LIVESTOCK AUCTIONEERS.

Rule Bros., H. T. & R. D., Ottawa, Kan. Livestock sales a specialty. Write for dates.

Jas. T. McCulloch, Clay Center, Kan. References: The breeder: I am selling for every year. Write for open dates.

A. Harris, Madison, Kan. Live Stock, Real Estate and Merchandise AUCTIONEER. Write for dates.

Spencer Young, Osborne, Kan. Livestock Auctioneer. Write for dates.

WILL MYERS, BELOIT, KAN. LIVESTOCK AUCTIONEER Reference, breeders of North Central Kan. Address as above

FLOYD YOCUM LIVESTOCK and REAL ESTATE AUCTIONEER ST. JOHN, KAS.

Col. E. Walters Skedee Oklahoma W.B. Carpenter 818 Walnut St. Kansas City, Mo. Sell your farms and city property at auction, as well as your pedigreed livestock. Write either for dates. Also instructors in

Missouri Auction School

MULE FOOT HOGS.

Buy Big Type Mulefoot Hogs from America's Champion Herd. Low cash prices. Big catalog is free. Jas. Dunlap, Williamsport, O.

BERKSHIRE HOGS.

Berkshire Pigs \$12.50 and \$15 each. Pairs and trios not related. Pedigree with each pig. R. J. LINSKOTT, Holton, Kan.

BERKSHIRE GILTS Spring gilts safe in pig. Best of breeding. Prices reasonable. W. O. HAZLEWOOD, Wichita, Kansas.

HAMPSHIRE HOGS.

Purebred Hampshire Pigs \$10 The best blood lines. R. T. Wright, Grandville, Kan.

REGISTERED HAMPSHIRE 150 gilts and boars, all 150 days. Cholors immuned. Satisfaction guaranteed. C. E. LOWRY, Oxford, Kan.

Hampshire Boars Gilts, bred or open. Collie Sudan Grass Seed. C. W. WEISENBAUM, Altamont, Kansas

Shaw's Hampshires 150 registered Hampshires, nicely belted, all immuned, double treatment. Special prices on spring pigs. Satisfaction guaranteed. WALTER SHAW, R. 6, Wichita, Kan.

POLAND CHINA HOGS.

BIG TYPE POLAND CHINAS Big March and April boars priced to move. Gilts bred to your order, to a great son of King of Wonders. Fall pigs, he best I ever bred. Write me. ANDREW KOSAR, DELPHOS, KANSAS

Enos Immuned Polands Three choice late spring boars now ready for service. Also 30 choice late summer boars and gilts. They are all sired by Orphan Chief and Mastodon King. A.R. Enos, Ramona, Kan. You will like them. Write today.

POLAND CHINAS September and October boars of popular big type breeding and priced where any farmer can afford to buy. All immuned. A. M. MARKLEY Mound City, Kansas

Fall Gilts Poland Chinas, open. Weigh around 125 lbs. Sired by Big Orphan and out of sows by Mammoth Orange and Expansion Too. \$17 for one, three for \$48.00. F. S. COWLES, R. 2, Lawrence, Kan.

FAIRVIEW POLAND CHINAS FOR SALE: Yearling herd boar, a proven breeder. Young boars, heavy-boned fellows, ready for immediate use. Also choice fall pigs. Bargain prices. Write us your wants. P. L. WARE & SON, Paola, Kansas.

Original Big Spotted Polands!! Fall and winter pigs and spring pigs at weaning time. Pairs and trios not related. ALFRED CARLSON, CLEBURNE, KANSAS

A No. 1 Poland China Boar for sale. 500 pounds, 11 inch bone, 35 inches tall, with plenty of length. Sired by Okey Longfellow, by Pawnee Chief Jr.; dam, Long Baby. I am pricing him at \$80 and he is worth the money. GEO. A. HULTON, ROUTE 1, PARSONS, KAN.

B's Big Orange Boars a few top fall boars by this great sire. Real herd boar material and popular blood lines. Prices right for quick sales. JOHN M. BLOUGH, BUSHONG, KANSAS.

I Ship on Approval Big Immune Sows and Gilts bred, for early litters, to McWonder and Long A Wonder. A few big boars and a lot of big fall pigs. Boar and gilts not related. ED SHEEHY, HUME, MO.

Big Type Polands! Herd headed by the 1020 pound Big Hadley Jr., grand champion at Hutchinson, 1915. Fall boars by Big Hadley Jr. and Young Orphan, by Orphan Big Gun that was 1st in Oklahoma Futurity, 1915. We are booking orders for spring pigs out of our best herd and show sows. A. J. ERHART & SONS, Ness City, Kan.

FROM WORKMAN A young sow in a crate and her pigs in a box, only Fifty Dollars, \$50. JOHNSON WORKMAN, Russell, Kan.

DUROCS-RED POLLS-PERCHERONS 20 Immune boars, \$30 each. 2 bulls \$125 each. Young ton stallions—bed rock prices. 1 good registered Jack GEO. W. SCHWAB, Clay Center, Nebraska

TRUMBO'S DUROCS Herd Boars: Golden Model 36th 146175, Crimson McWonder 160983, Constructor 187651. Write your wants. WESLEY W. TRUMBO, PEABODY, KAN.

ON SUMMER AND FALL BOARS AND GILTS. A few bred sows, one show boar. Herd on K. C. & St. Joe Interurban. Write me when you want Duroc-Jerseys. J. E. Weller, Faucett, Missouri

Everything properly immuned. No public sales. For private sale, September boars and gilts open or bred to order for September farrow. Spring pigs either sex. Pairs or trios not related. Weaned May 1st. D. O. BANCROFT, OSBORNE, KANSAS Shipping Point, Downs, Kansas

Special Prices

BANCROFT'S DUROCS

Special Prices

Special Prices

Special Prices

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Special Prices

CHESTER WHITE HOGS.

LARGE O. I. C's. Special offering in young pigs, pairs, trios or young herd. H. W. HAYNES, GRANTVILLE, KANSAS

IMMUNED O. I. C'S. Booking orders for March and April pigs, pairs and trios not akin. A. G. COOK, LURAY, KANSAS

Western Herd O. I. C. Hogs Spring boars and gilts for sale. Also fall pigs not related. Get my prices. F. C. GOOKIN, RUSSELL, KANS.

Silver Leaf Stock Farm I am booking orders for Jan., Feb., and March pigs, to be shipped at 10 to 12 weeks old. Pairs and trios no akin. 10 summer and fall gilts left. Bred right and priced reasonable. C. A. Cary, R.F.D. No. 1, Mound Valley, Kan.

Fehner's Herd of O. I. C. Swine Anything shipped anywhere on approval. Write today for prices. Herd Immune. Member of either O. I. C. or C. W. Ass'n. HENRY F. FEHNER, Higginsville, Mo.

Smooth Heavy Boned O. I. C's 100 choice spring pigs, priced right. Descendants from blue ribbon winners, champions and grand champions. All ages for sale at all times. Write for circular, photographs and prices. F. J. Greiner, Billings, Mo.

Originators of the Famous O. I. C. Swine 1863

Two O.I.C. Hogs Weighed 2806 lbs.

Why lose profits breeding and feeding scrub hogs? Two of our O. I. C. Hogs weigh 2806 lbs. Will ship you sample pair of these famous hogs on time and give agency to first applicant. We are originators, most extensive breeders and shippers of pure bred hogs in the world. All foreign shipments U. S. Govt. Inspected

We have bred the O. I. C. Hogs for 52 years and have never lost a hog with cholera or any other contagious disease.

Write-to-day-for Free Book, "The Hog from Birth to Sale"

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DUROC-JERSEY HOGS.

Immune Durocs Spring boars and gilts, best of blood lines. Every animal guaranteed. E. L. HIRSCHLER, HALSTEAD, KANS.

Immuned Durocs! An extra fine bunch of fall boars and gilts. Good enough for any company. F. J. MOSER, GOFF, KANSAS

Duroc-Jersey Gilts to farrow 50 fall boars and gilts for sale. Write for prices. R. T. & W. J. GARRETT, Steele City, Neb.

Jones Sells On Approval Fancy last August Duroc-Jersey gilts bred to your order, or open. White Wyandotte eggs \$1.00 per setting. W. W. JONES, CLAY CENTER, KAN.

Durocs of Size and Quality Fall herd boars and gilts of large smooth, easy feeding type. From the champions Defender, Superba, Golden Model, and Gano Breeding. Prices reasonable. JOHN A. REED, LYONS, KAN.

Wooddell's Durocs One summer boar and a few bred gilts sired by Cowley Wonder; also some fall gilts and boars. Priced to move. G. B. Wooddell, Winfield, Ka.

BONNIE VIEW STOCK FARM Fall boars and gilts by A Critie out of sows by Champion Tat-A-Walla. SEARLE & COTTLE, BERRYTON, KANSAS

Big Type Herd Boars 20 big, husky yearling and fall boars, by G. M.'s. Crimson Wonder and Good Enuff Chief Col. A choice yearling by Illustrator II and a Golden Model dam at \$50. Herd header prospects. Order quick for first choice. G. M. SHEPHERD, LYONS, KAN.

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ON SUMMER AND FALL BOARS AND GILTS. A few bred sows, one show boar. Herd on K. C. & St. Joe Interurban. Write me when you want Duroc-Jerseys. J. E. Weller, Faucett, Missouri

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Special Prices



FARMERS MAIL & BREEZE ENGRAVING DEPARTMENT TOPEKA, KANSAS CUTS OF YOUR LIVESTOCK FOR LETTERHEADS & SALE CATALOGS

RED POLLED CATTLE.

FOSTER'S RED POLLED CATTLE Write for prices on breeding cattle. O. E. FOSTER, R. R. 4, Kiderado, Kansas.

Pleasant View Stock Farm Red Polled cattle. Choice young bulls and heifers. Prices reasonable. HALLOREN & GAMBRIEL, Ottawa, Kansas

RED POLLED CATTLE Choice young bulls, best of breeding. Prices reasonable. I. W. FOULTON, Medora, Kan.

HEREFORD CATTLE.

Registered horned and double standard polled Hereford Bulls For Sale Also a few horned heifers. JOHN H. LEWIS, LARNED, KAN.

SHORTHORN CATTLE.

WANTED: To purchase 20 head Shorthorn Registered cows. In answering state strain and price. Box K, Walters, Okla.

Shorthorn Bulls For Sale! Six heifers, two-year-olds. Reds and roans. L. M. NOFFSINGER, OSBORNE, KANSAS

Shorthorn Bulls

Two yearlings by a Grandson of Captain Archer. Inspection of our herd invited. Farm near Clay Center. For full information address S. B. Amcoats, Clay Center, Kan.

HOLSTEIN CATTLE.

Segrist & Stephenson, Holton, Kansas Price winning registered Holsteins. Bulls from three months to yearlings for sale. Address as above.

BRAEBURN HOLSTEINS A.R.O. bull calves. H. B. Cowles, Topeka, Kan.

HOLSTEIN CALVES

High grade Holstein calves either sex 3 to 4 weeks old from good milking strain of grade Holstein cows \$20 each. We pay the express. Burr Oak Farm, Whitewater, Wis.

BONNIE BRAE HOLSTEINS!

20 head extra big, fine, heavy producing young cows, fresh and heavy springers; also springing heifers. Extra fine Guernsey cows and a few Guernsey heifers. IRA ROMIG, Sta. B., TOPEKA, KANSAS

TRUE WE HAVE REGISTERED HOLSTEINS

rich in the blood of the great sire, but the big end of our profit comes from the milk and fat they produce. TREDICO FARM, R. R. 2, KINGMAN, KAN.

Montgomery County Holstein Friesian Association

Young stock T. M. EWING, Sec., Independence, Kan.

A SON OF KING WALKER heads our Herd. He has 30 lb. sisters on his dam's side as well as some that ran as high as 32.30 on his sire's side. We are offering for sale, some high bred registered cows and heifers, bred to this bull; also several good bull calves, at attractive prices. HIGGINBOTHAM BROTHERS, Roseville, Kan.

CANARY BUTTER BOY KING

Conceded the best Holstein Bull in Kansas. Two extra choice young bulls, sired by him and out of A. R. O. cows. Write for prices. MOTT & SEABORN, HERKINOTON, KANSAS

JERSEY CATTLE.

QUIVERA PLACE JERSEYS HERKINOTON, KANSAS E. G. MUNSELL, Prop. F. L. CUNO, Mgr.

LINSCOTT JERSEYS

Kansas First Register of Merit Herd. Established in 1875. A surplus of young bulls (nothing better) at bargain prices. R. J. LINSCOTT, HOLTON, KANSAS

More Butter and Better Butter YOUR HERD should average at least 500 lbs. of butter per year. A good Jersey herd will do even better—600 lbs. per year, and the butter will be of the finest flavor, texture, and color. There are many individuals of this breed producing 1000 lbs. They make good use of every ounce of feed, do not require fancy feeding, mature early, thrive in any climate, are steady producers, are beautiful and gentle. They pay big dividends on the highest priced land. Our latest free book, "About Jersey Cattle," tells all about the development of this hardy breed. Send for it now. You'll be glad you did. American Jersey Cattle Club 256 West 23rd St., New York City

got in touch with them. Look up their advertising section in the Farmers Mail and Breeze.—Advertisement.

Thirty Pound Holsteins.

F. J. Searle's big registered combination sale of 110 head of Holstein cattle to be held at his breeding establishment joining Oskaloosa, Kan., Tuesday, April 25, is very likely the most important Holstein event ever held in the state. The sale is advertised in the Farmers Mail and Breeze this week and those desiring to get the catalog have time to write for it before the sale. Mr. Searle is one of the principal consignors and is managing the sale. All inquiries should be addressed to him at Oskaloosa. One hundred females and 10 bulls make up the offering. An important feature of this sale is the 30 pound breeding to be found in the sale. Twenty cows will be bred to the great 30 pound sire, Prince Artis Pontiac Abbecker 136382, the Sunflower Herd's great herd bull. There will be a number of A. R. O. daughters bred to a son of Colantha Johanna Lad. It is a sale that every Holstein breeder in the state should attend. The contributors are among the best known Holstein breeders in America. Catalogs are ready to mail upon application to Mr. Searle. Look up the advertisement of the sale in this issue of the Farmers Mail and Breeze. Please mention it when you write for a catalog.—Advertisement.

S. E. Kan. and Missouri

BY C. H. HAY.

New Herd Bull for Markley.

A. M. Markley, the prominent Shorthorn breeder and showman of Mound City, Kan., attended the Central Shorthorn Breeders' sale at Kansas City, April 5 and 6, and bought the very promising young bull King's Choice 453933. Aside from being an outstanding individual this bull was one of the strongest bred Crutchshank animals in the two days' sale. He was bred by Joseph Duncan & Son of Osborn, Mo.

Duroc Sale at Ottawa.

J. F. Stadt of Ottawa, Kan., will hold his next sale in the pavilion at Ottawa, April 29. The offering will be in the pink of condition and will consist of 10 fall boars, 18 fall yearling gilts, bred for May farrow and 12 fall gilts. The 18 head of bred yearlings will be the special feature of the sale. Those who are short of spring pigs will find this an excellent opportunity as these sows are of sufficient age and size to raise large litters. Write Mr. Stadt at once and get a catalog of the offering. Please mention the Farmers Mail and Breeze when writing.—Advertisement.

Montgomery County Holsteins.

For the past two years Montgomery county, Kansas, has been attracting the attention of the West with her herds of splendid Holsteins. Some of the very best individuals that ever came West of the Mississippi River are in the herds of this association. These men are real breeders, not speculators. They have the records to back up their cattle and a visit to the many good herds in this county will be both pleasant and profitable to all Holstein admirers. The Montgomery county breeders have recently organized an association to push their cause and have elected as their secretary T. M. Ewing of Independence. You will find their card in the Holstein columns of this paper and Mr. Ewing will be glad to furnish you with any information regarding these good cattle.—Advertisement.

Dutchess Searchlight to Oklahoma.

A. M. Markley of Mound City, Kan., who owns one of the good herds of Shorthorns in Kansas, recently sold his herd bull, Dutchess Searchlight, to S. E. Colby of Sons, Fairview, Okla. This bull was used for some time at the head of the Markley herd and left an exceptionally fine lot of young females as a tribute to his great worth as a breeder. Messrs. Colby are to be congratulated on securing so good a bull to place at the head of their herd. Dutchess Searchlight was sired by C. S. Nevius' champion bull, Searchlight, and out of a good producing daughter of Happy Knight. Happy Knight was one of the outstanding sons of T. K. Tomson's great breeding bull, Gallant Knight. Dutchess Searchlight weighed, when Mr. Markley sold him, 2510 pounds.—Advertisement.

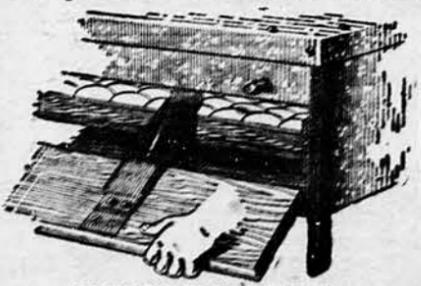
Oklahoma Hogs Top Kansas City Market.

J. C. Bewley of Haskell, Okla., formerly of Fall River, Kan., had a shipment of 69 hogs on the Kansas City market last week. These hogs averaged 282 pounds and sold for \$9.70 a hundred. This was 5 cents a hundred above any hogs sold on the market that day and with one exception was 10 cents a hundred above any drove of hogs sold on the market that day. Mr. Bewley has the reputation for raising good hogs. Ryan-Robinson Commission Company's salesman who sold these hogs stated that he could not remember a time when Mr. Bewley had hogs on the market and did not top the market. It would seem, however, that the commission company who made these sales might reasonably take some credit for making the market-topping sales.—Advertisement.

Publisher's News Notes

Old Trusty's New Features.

As the Johnsons themselves declare, Old Trusty incubators could not be made to make better hatches. But it has been found possible to add conveniences to the



THERMOMETER HOLDER.

machines. One of the handiest of these is the new thermometer holder attached to the door of the incubator. The metal



TORREY'S HOLSTEINS

Cows and heifers, young springing cows well marked and exceptionally fine; also springing and bred heifers and registered bulls. See this herd before you buy. Wire, phone or write. O. E. TORREY, Towanda, Kan.

200—Holstein Cows—200

You are invited to look over our herd of Holsteins before you buy. We have 100 high grade cows and heifers and a lot of registered bulls to go with them. Three Cows and a Registered Bull \$325 20 cows in milk and 40 that will freshen soon. Come and see our cattle. Bring your dairy expert along. The quality of the cows and our prices will make it easy for us to trade. Come soon and get choice. Well marked heifer and bull calves, \$22.50 each, delivered to any express office in Kansas. LEE BROS. & COOK, HARVEYVILLE, KANSAS



HOLSTEIN Cows and Heifers

I have for sale a nice collection of HOLSTEIN cows and heifers, a few registered bulls to go with them. All good big ones, nicely marked, and out of the best milking strains. If you want cows or heifers I can supply you, and that at the right kind of prices. J. C. ROBISON, TOWANDA, KANSAS

HOLSTEIN FRIESIAN FARM Towanda, Kansas

Pure bred and high grade HOLSTEINS, all ages. Largest pure-bred herd in the Southwest headed by Oak De Kol Besse Ormsby 155784, a show bull with royal breeding. Pure bred bulls, serviceable sires, from A. R. O. dams and sires. A grand lot of pure-bred heifers, some with official records. Choice, extra high grade cows and heifers, well marked, heavy springers, in calf to pure-bred bulls constantly on hand. High grade heifer calves 6 to 10 weeks old, \$25. Bargains. Send draft for number wanted. All prices F. O. B. cars here. Inspect our herd before purchasing. Wire, GIROD & ROBISON, TOWANDA, KAN.



NORTON COUNTY BREEDERS ASSOCIATION

HEREFORDS—POLANDS Groves Mischief, a grandson of Beas Mischief heads herd. 26 spring pigs. Annual cattle and hog sale in February. C. F. Behrent, Oronoque, Kan. POLAND CHINAS 12 top Sept. boars by Panama dam. 100 Spring pigs. Annual boar and gilt sale, Oct. 31 at Norton. J. F. FOLEY, Oronoque, Kansas. Poland Chinas 10 Sept. gilts by Luft's Orange. Will sell them open or breed them to your order. Boar and gilt sale Oct. 20. PETER LUFT, ALMENA, KANSAS. SHORTHORNS 4 yearling bulls, by Pilot, by the 2700 pound Victorious King. Pioneer, a grandson of Lavender and Whitehall Sultan heads our herd. N. S. LEUSZLER & SON, Almema, Kansas. Percherons—Shorthorns—Polands A few choice gilts bred for June farrow. Barmington Bruce, by Lord Bruce heads my Shorthorn herd. C. F. Poland, Almema, Kan. Percherons—Shorthorns—Polands 18 Sept. and Oct. gilts, by Jumbo Prospect, by Luft's Orange for sale open or bred to your order. C. E. Whitney, Almema, Kansas. Shorthorns—Poland Chinas For sale, a 30 month old herd bull, Matchless Prince, got by His Highness. I am keeping his set. Write J. W. LIGGETT & SONS, Almema, Kan. COL. W. M. PATTON, Livestock Auctioneer ALMEMA, KANSAS Devoting my time to the business. Address as above. COL. C. H. PAYTON Purebred stock sales and big farm sales solicited. Write or phone. Address as above. NORTON, KANSAS

Marshall Co. Pure Bred Stock Breeders

Nothing but first class animals offered for sale for breeding purposes. It is economy to visit herds located in one locality. For the best in purebred livestock write these breeders or visit their herds.

HEREFORD CATTLE. Choice Young Bulls For Sale Sired by 34th 30787 and Real Majestic 372823. Write your wants. J. F. SEDLACEK, BLUE RAPIDS, KANSAS. Pleasant Valley Herefords. Two splendid bull calves and some good heifer calves coming 1 yr. old. G. E. MILLER, Blue Rapids, Kansas. Hereford Cattle All sold out of serviceable bulls at present. Will have some for spring shipment. B. I. & A. W. GIBSON, Blue Rapids, Kan. WALLACE HEREFORDS Nothing for sale at present. A nice lot of young bulls coming on for next fall and winter trade. Thos. Wallace, Barnes, Kan. Wm. Acker's Herefords! FOR SALE: 10 bulls, from 5 to 9 months old. Address WM. ACKER, Vermillion, Kansas. Clear Creek Herd of Herefords—Nothing for sale at present. A fine lot of bulls coming on for fall trade. J. A. SHAGUNKENST, Axtell, Kansas. HEREFORDS Big and rugged. Farm miles out. W. B. Hunt & Son, Blue Rapids, Kan. FANCY POULTRY. Plymouth Rocks Bred (Thompson strain) and white. Stock for sale. Eggs in season. Address JOHN BYRNE, Axtell, Kansas. SILVER WYANDOTTES Fine lot of cockerels B. M. Winter, Irving, Ks. AUCTIONEERS. S. B. CLARK, SUMMERFIELD, KANS. AUCTIONEER. Write or phone for dates, address as above. Jesse Howell, Herkimer, Kan. of Howell Bros., breeders of Duroc and Hereford can make you money on your next sale. Write for dates

When writing to advertisers please mention Farmers Mail and Breeze.

**ABERDEEN ANGUS CATTLE.**  
**Aberdeen Angus Cattle**  
 Herd headed by Louis of Viewpoint 4th. 150624, half brother to the Champion cow of America.  
**Johnson Workman, Russell, Kan.**

**Edgewood Farm**  
**Aberdeen-Angus Cattle**  
 I have twenty registered Angus bulls—yearlings and two year olds, and one five year old for sale.  
**D. J. WHITE, CLEMENTS, KANSAS**  
 Main line of Santa Fe, 145 mi. west of K. C.

**Cherryvale Angus Farm**  
 Bulls all sold. A few choice heifers for sale. Write at once.  
**J. W. TAYLOR, R. 8, Clay Center, Kansas.**

**ANGUS BULLS**  
 Five from eight months to one year old. Females for sale, bred or open. Farm joins town. Correspondence and inspection invited.  
**W. G. Denton, Denton, Kans.**

**ANGUS BULLS**  
 24 from yearlings to 3-year-olds. Bred from best strains. Call or address **J. W. McREYNOLDS & SON, Montezuma, Kans., or Dodge City, Kans.**

**GUERNSEY CATTLE.**  
**FOR SALE** High grade Guernsey calves, high grade Holstein calves, registered Mulefoot and Hampshire hogs. Write Dr. E. D. L. MARSHALL, BALDWIN, KAN.

**GUERNSEYS FOR SALE**  
 Choice registered Guernsey Bull about 6 months old. First letter containing check for \$90, gets him.  
**OVERLAND GUERNSEY FARM, C. F. HOLMES, Owner. OVERLAND PARK, KAN.**

**POLLED DURHAM CATTLE.**  
**Double Standard Polled Durhams** Young bulls for sale. **C. M. HOWARD, Hammond, Kansas.**

**75 POLLED DURHAMS**  
 (Hornless Shorthorns) Double registered. Roan Orange, 300, line bred. 15 bulls, reds and roans, low and black; hair broke. Will meet trials. Write **J. C. Banbury & Sons, Profit, Kansas**

**HORSES.**  
**Imported and Home Bred Stallions** FOR SALE Home bred Stallions \$300 to \$450, except two. Hart Bros., Osceola, Iowa

**FOR SALE** Spotted Shetland pony, 4 yrs. old, nice broke, also saddle and bridle cheap for quick sale. **Dr. E. G. L. Harbour, Baldwin, Kan.**

**Welsh Ponies** I will sell my prize winners at the Panama Exposition and state fairs. The greatest string of show ponies in the U. S. An opportunity of a life-time to you. They are priced to sell. Also my Prize winning Shetlands, including stallions, mares, fillies and geldings of both breeds. Can fill any order. Stallions of both breeds to lease for the season.  
**MRS. ADAM STIRLING, DES MOINES, IA.**

**Best 1550 lb. Percheron**  
 Who owns best 1400 to 1700 registered Percheron stallion in your section? Also several best 1100 to 1400 mares (No ancestry requirements for mares.) It is quality we want. We want you to start a new breed of horses. Write for information.  
**WAGON HORSE ASSOCIATION**  
 W. B. Carpenter, Pres., Kansas City, Mo.  
 818 Walnut St., Kansas City, Mo.

**Woods Bros. Co. LINCOLN, NEBRASKA**  
 (Successors to Watson, Woods Bros. & Kelly Co.)

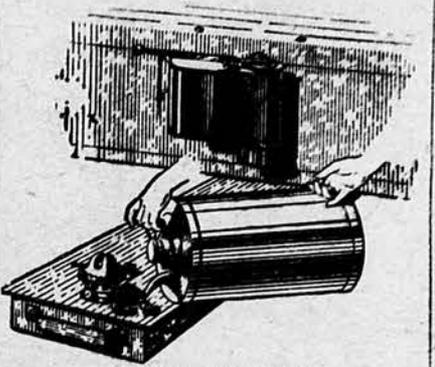


**Our Importation is Here**  
 We received at our barns March 31 an importation of Percheron stallions from the breeding herd of the late Chas. M. Aveline of France. This shipment is the first since war was declared, consisting of all ten horses rising 4 and 5 year old, mostly black, and the best that France has produced. We also have a very choice selection of American-bred Percherons, Belgians and Shires from one to six-year-olds, that we are making special prices on for the next 30 days. We are anxious to dispose of them to make room for our new consignments due to arrive early in May. We invite inspection. Come and look them over. We have what you want. Barns opposite State Farm.  
**Woods Bros. Company, Lincoln, Neb., A. P. O'Connell, Mgr.**

**JACKS AND JENNETS.**  
**10 MAMMOTH Missouri Jacks and Jennets:** Black, large, and heavy boned. For sale at **A. BARKER, Grant Block, Neosho Rapids, Kan.**

**BARGAINS in Jacks and Percherons**  
 14 Jacks, two Percherons, all blacks; sound and good performers. I will sell you a good one as cheap as any man in the business. Come and see, or write.  
**LEWIS COX, CONCORDIA, KANSAS.**

holder operates on a spring screwed to the inside of the incubator door. When you open the door the thermometer automatically slides into view. When the door is closed the thermometer slides back into place right over the eggs. We can see where this is a valuable feature because the thermometer always is just where it ought to be and no time will be lost hunting for it. No one has found fault with the oil container placed upon Old Trusty incubators. Nevertheless the Johnsons felt that it would be a good idea to put a larger oil drawer on their machine, large enough to care for the entire hatch if necessary. This new drawer slides in and out under the bottom of the incubator case, can be pulled out quite a ways to give you plenty of room for filling; then slides back into place out of the way, taking up less room than with the former construction. This large drawer saves a lot of work. It makes only one filling of oil needed to the hatch. For many years Old Trusty incubators have been put out with the same construction. No one has found fault. The machine made big average hatches just as was declared. No one could ask for an easier machine to operate. It was free from needless or faddish features built simple and reliable all the way through. The Johnsons have made it a rule not to run after every new thing that could be offered. They do not make a practice of jumping in with a bunch



**LARGER OIL TANK.**  
 of ideas every season. Nor have they made a practice of price cutting to sell off old stock. Rather it has been their plan to sell each season's output and clean up for a new start each season. Therefore these new features should prove of great interest, especially when you consider that their machine has already brought success and profits to upwards of 700,000 satisfied customers. Those features are described in detail in the new folder which the Johnson Company is sending out to all who write for it. Address the M. M. Johnson Co., Clay Center, Neb.—Advertisement.

The Farmers Mail and Breeze is one of the best, and the continued stories are very good; and besides your paper is getting better all the time.—T. A. Fitzmorris, Troy Center, Wis., R. 1.

**Statement of the Ownership, Management, Circulation, Etc., Required by the Act of Congress of August 24, 1912,**  
 of Farmers Mail and Breeze, published weekly at Topeka, Kansas, for April 1, 1916. State of Kansas, County of Shawnee.  
 Before me, a notary public in and for the state and county aforesaid, personally appeared J. E. Griest, who, having been duly sworn according to law, deposes and says that he is the business manager of the Farmers Mail and Breeze and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management (and if a daily paper, the circulation), etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in section 443, Postal Laws and Regulations, printed on the reverse of this form, to-wit:

1. That the names and addresses of the publisher, editor, managing editor, and business managers are:  
 Name of Publisher, Arthur Capper, Topeka, Kansas  
 Editor, T. A. McNeal, Topeka, Kansas  
 Managing Editor, Charles Dillon, Topeka, Kansas  
 Business Managers, J. E. Griest, Topeka, Kansas
2. That the owners are: (Give names and addresses of individual owners, or if a corporation, give its name and the names and addresses of stockholders owning or holding 1 per cent or more of the total amount of stock.)  
 Arthur Capper, Topeka, Kansas
3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: (If there are none, so state.)  
 None.
4. That the two paragraphs next above giving the names of the owners, stockholders and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company but also, in cases where the stockholder or security holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which such stockholders and security holders do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and that any other person, association, or corporation has any interest direct or indirect in the said stock, bonds, or other securities than as so stated by him.  
 J. E. GRIEST,  
 (Signature of business manager.)  
 Sworn to and subscribed before me this 30th day of March 1916.  
 FRANCES WRIGHT,  
 (Seal.) My commission expires Oct. 28, 1916.  
 Form 3526.—Ed. 1916.

Note.—This statement must be made in duplicate and both copies delivered by the publisher to the postmaster, who shall send one copy to the Third Assistant Postmaster General (Division of Classification), Washington, D. C., and retain the other in the files of the postoffice. The publisher must publish a copy of this statement in the second issue printed next after its filing.

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 More registered Jacks and Jennets than any farm in the West. Jacks up to 1,240 pounds. Choice young Jennets bred to Kansas Chief 9194. Written guarantee with every Jack sold. Reasonable prices and terms. Car fare refunded if stock is not as represented. Reference, any bank in Dighton.  
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 Bruce Saunders recently visited his uncle's Jack farm, Lexington, Ky., and brought to Holton as choice a load of Jacks as was ever shipped out of Kentucky. Registered Mammoth Jacks, two to six years old, 15 and 16 hands high. Write to **BRUCE SAUNDERS, HOLTON, KAN.**



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 29 black ton and 2200 pound 4 and 5 year olds. 44 black coming 3's, 41 black coming 2's. 26 registered mares for sale. 19 Belgian stallions. Just above Kansas City. 47 trains daily.  
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 70 registered, big-boned, black Jacks and Jennets. Big herd Jacks and great mule Jacks. Best of breeding. Good individuals, including prize-winners, colts to 16 hands. Prices and terms right.  
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**Kentucky Jacks at Bargain Prices**  
 The demand of the past ten days has reduced our offering, at Newton, Kan., to ten head. Our affairs at home, Poplar Plains, Ky., need our attention. We will quote **Specially Attractive Prices**  
 on the 16 head still on hand. They include some of the best of this shipment; 14 to 16 hands; Good size, Good bone, Good color. All broke to service. See them at Welch's Transfer Barn, in Newton. Close to Santa Fe station.  
**Saunders & Maggard, Newton, Kan.**



**Riley County Ed. Nickelson, Prop. Leonardville, Kansas**  
**Breeding Farm**  
 I have bought Jeun (54638) \$359, the undefeated grand champion sired by Carnot (66666) 66666 and out Tulipe 55429 by Lachere (48474) he by Besique (19692) by Brilliant 3rd. This great stallion was bred in France and has been referred to as the second best stallion in the United States and will be retained at the head of my Percheron stud. I can breed a few good mares to him for other breeders. Service fee, \$100 for a live colt.  
 Shipments received at RILEY and LEONARDVILLE. Mares pastured free. Write for further information. Address as above.



**Sunflower Herd's Second Annual Sale**  
**Oskaloosa, Kan., Tuesday, April 25**  
**110 Head—Registered Holsteins—110 Head**  
 QUALITY and BREEDING will be the key note of this great event: 110 females and 10 bulls. It is certain that so much 30-pound blood is offered cannot so great a number of cattle in any sale. There will be 25 females bred to Sunflower Herd's great 30-pound sire, Prince Ardis Puntine Abbott 13632. Many choice up springers. There will be a number A. R. O. cows bred to a son of Calantha Johanna Lad. Twelve daughters of the 31-pound sire, Sir Pontine King Arthur Korntok 49234 (he has 14 A. R. O. daughters, one above 20 lbs. at three years). Ten daughters of the great sire, King Sage Pontine. Daughters of this wonderful sire are selling either at private or auction. There will be a fine lot of daughters of such bulls as Woodcrest Housered Dinkel, Oakland Paul Housered Housered, Lewis Peltie Scottie Housered, Woodcrest Sir DeKol and the 40 pound sire, Johnson McKinley Sage, nearly all bred to King Sage Pontine. Such breeding simply cannot be bettered.  
 The bull offerings will consist of a number of youngsters ready for immediate service and choice individuals, six sons of King Sage Pontine; three of the best breedings; one son of the world's champion show bull; Paul Calantha Korntok, one of a dam that was 1st prize winner at the World's Dairy Show. One son of the 30 pound sire; Oakland Paul Housered Housered from a 24 pound daughter of Housered Dinkel. A son of King of the Puntines from an A. R. O. dam and a son of Johanna McKinley Sage (dam has 14 pound record) from an A. R. O. grand-daughter of Pontine Korntok. What better could you ask?  
 Your failure to attend this greatest of all cattle-meetings will be your loss. Come and bring your neighbors, making room for all. The proper State and Federal authorities will have issued these cattle for tuberculosis and they will be a clean, straight lot. Don't forget the date, April 25. Send for catalogue.  
**F. J. Searle, Mgr., Oskaloosa, Kansas** **B. E. BAISER, Auctioneer**

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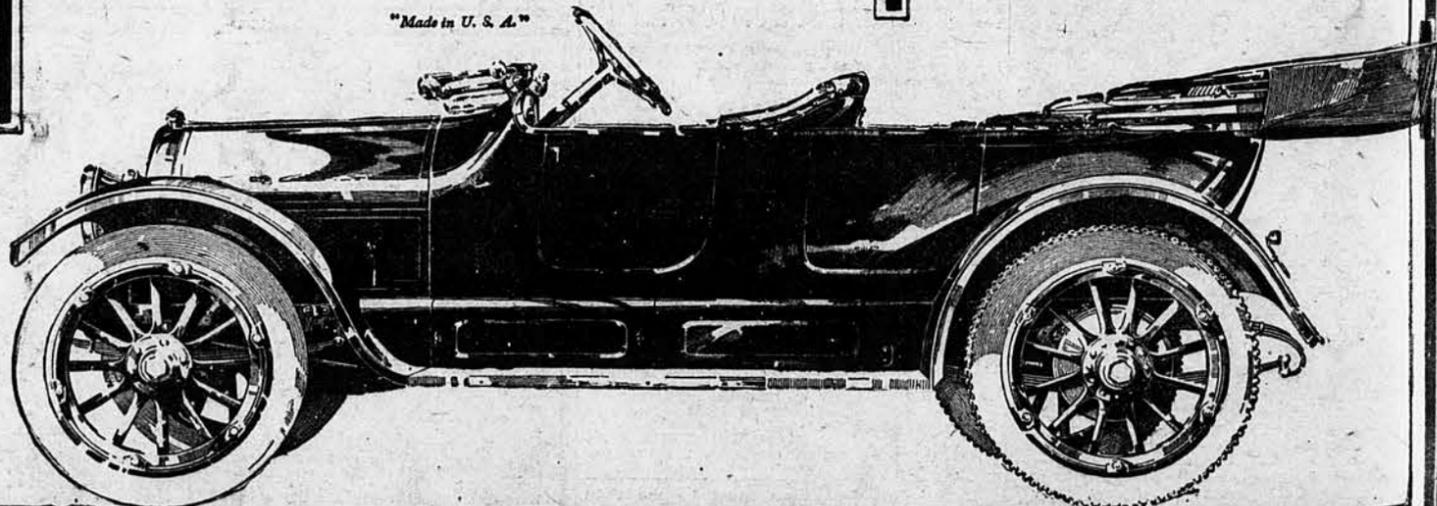
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