

KANSAS SECTION THE CAPPER FARM PRESS

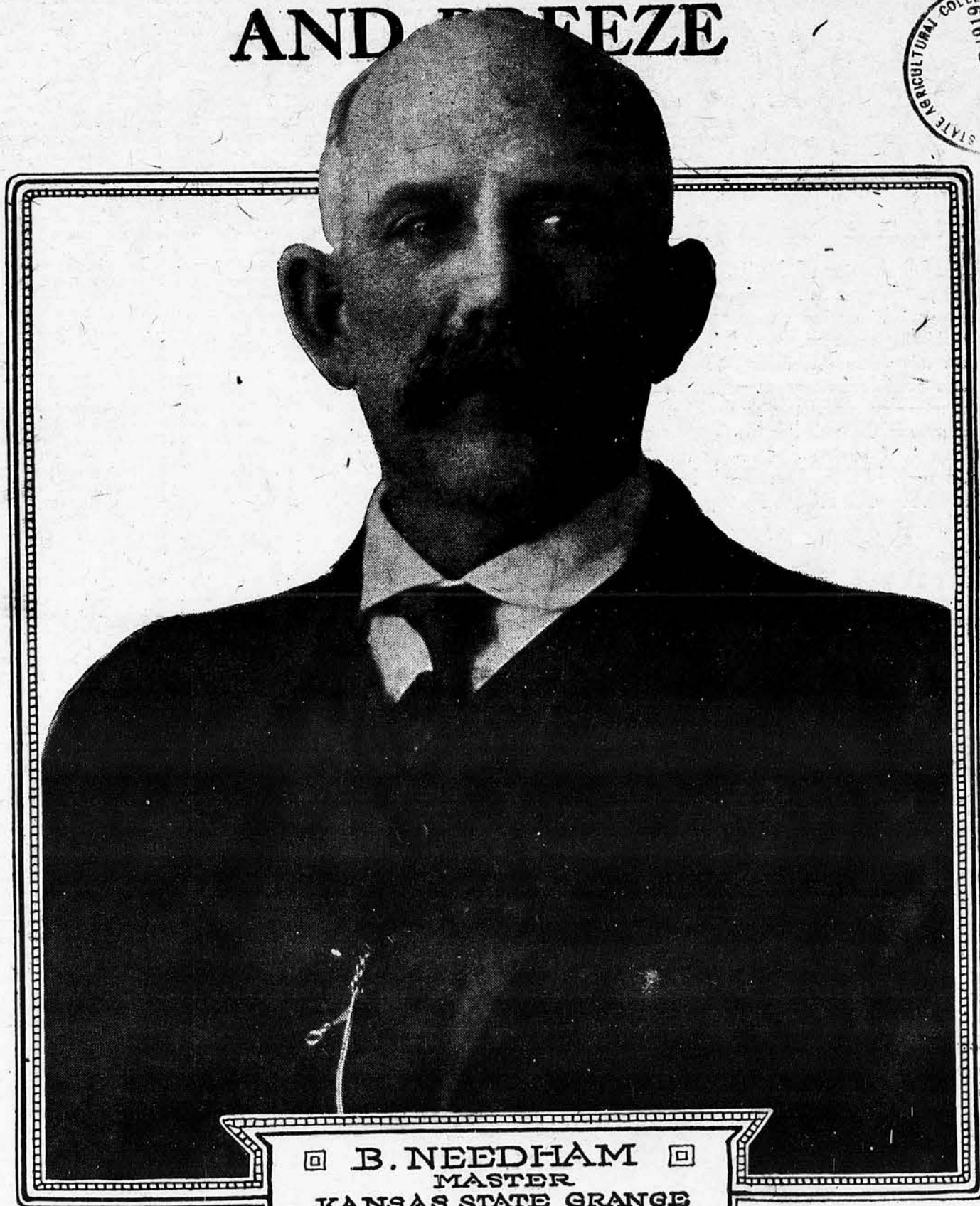
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August 30, 1919

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The FARMERS MAIL AND FREEZE

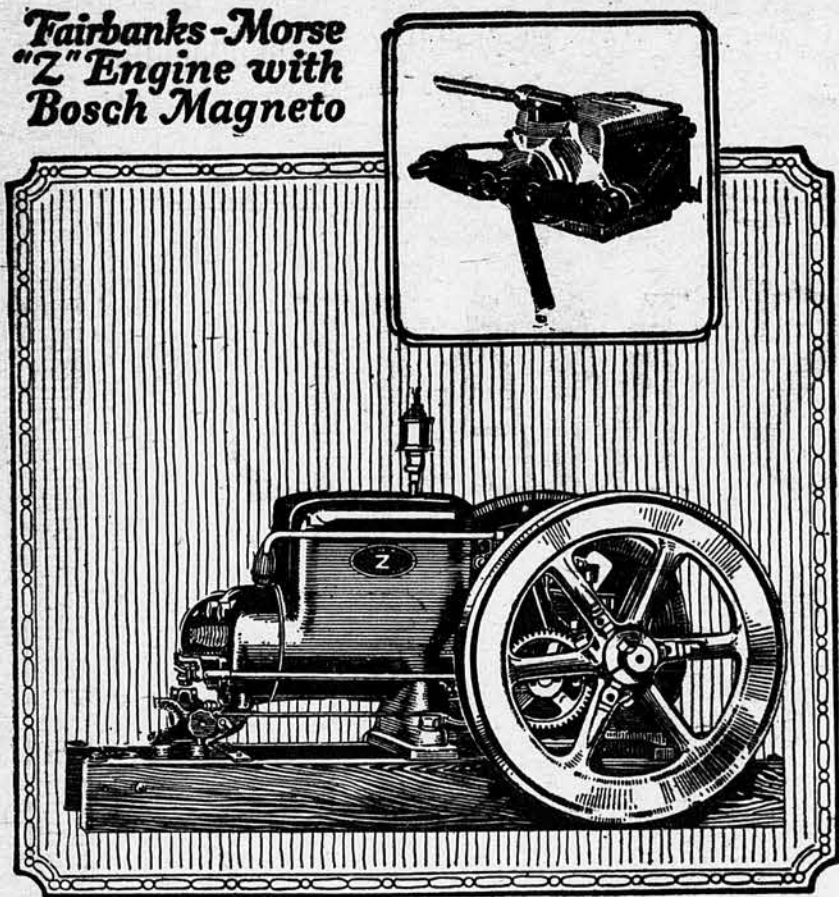
STATE AGRICULTURAL COLLEGE
2 SEP 1919



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MASTER
KANSAS STATE GRANGE

The Greatest Combination Ship Goods by Motor Truck

**Fairbanks-Morse
"Z" Engine with
Bosch Magneto**



WHEN the full meaning of this "Z" message is realized—mighty few farmers in America will fail to at once call on the nearest "Z" engine dealer. ¶ This example of master engine-building must be seen. ¶ Type and pictures can but suggest this value establishing achievement. ¶ By adding this one possible betterment—Bosch high tension, oscillating magneto—we complete a rare engine service, fully maintained by over 200 Bosch Service Stations in co-operation with every "Z" engine dealer—for all "Z" engine owners. ¶ Prices—1½ H. P. \$75.00—3 H. P. \$125.00—6 H. P. \$200.00—All F.O.B. Factory.

Fairbanks, Morse & Co.
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"Ever Occur to You?"
says the Good Judge



That it's foolish to put up with an ordinary chew, when it doesn't cost any more to get real tobacco satisfaction.

Every day more men discover that a little chew of real good tobacco lasts longer and gives them real contentment.

There's nothing like it.

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put up in two styles

RIGHT CUT is a short-cut tobacco

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WAR HEROES PICTURES FREE

Handsome Colored Pictures of Pershing, Wilson, Foch. Fine for your home. 16x20 inches. To get all three pictures absolutely free, send this ad and the names and correct addresses of the parents in your locality, or elsewhere, who have children with Club Feet, Infantile Paralysis or Spinal Curvature. State age and character of trouble. Write names, street addresses or rural routes very plainly.

McLain Orthopedic Sanitarium, 901 Aubert Ave., St. Louis, Mo.

Rural Transportation to be Shown at Topeka Fair

BY JOHN W. WILKINSON

HEAVY congestion of freight at the large terminal points last winter made business men everywhere as well as the farmers realize the value of the motor truck as an auxiliary in shipping. For interurban freight on short hauls the motor truck often proved more rapid and more reliable than the railroads. Farmers also found the motor truck a valuable means of transporting perishable farm products to market. This year the officers of the Kansas Free Fair, believing that the value of motor trucks for the transportation of rural freight and rural express should be emphasized, have arranged for a practical demonstration of this work Wednesday, September 10 which has been officially designated as Good Roads and Motor Transportation day. Mobilization of hundreds of motor trucks with loads of livestock, dairy products, baled alfalfa, grain, vegetables, fruit, merchandise, and human freight will be one of the big features of that day.

Big "Ship-by-Truck" Program

Trucks will start from towns within 100 miles of Topeka and with their loads assemble around the state house grounds in the morning. A big parade, led by a band and scheduled to create much attention on Kansas avenue, will precede the triumphal entry of the greatest truck exhibit seen at the fair grounds.

The idea of the "ship-by-truck" program is to visualize to the thousands of fair visitors the progressive spirit of Kansas farmers in motorizing their farms.

At a meeting of the committee, charged with the responsibility of making Good Roads and Motor Transportation day a huge success, held at the Topeka Chamber of Commerce last week, it was decided to put on a contest which is expected to attract every farm truck owner within a radius of 100 miles of Topeka. H. S. Putney, treasurer of the Kansas Good Roads association, and one of the foremost good roads boosters in the state, is chairman of this special committee. Other members of the committee are: Phil Eastman, secretary Kansas Free Fair; F. G. Odell, Capper Farm Press; J. C. Mohler, secretary state board of agriculture, and J. A. Fansler, manager, Kansas Good Roads association.

Every new truck purchased by a farmer is one more link in the universal chain which is being formed in

the creation of good roads in Kansas, according to Mr. Putney.

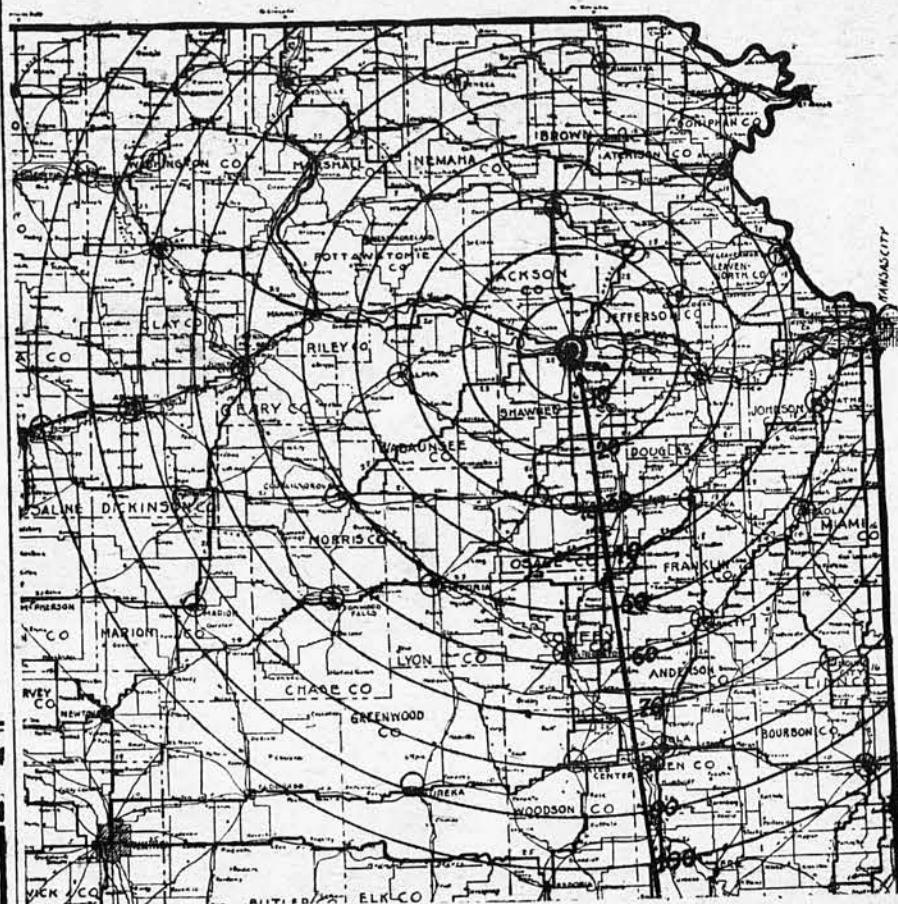
Senator Arthur Capper has contributed \$100 to the Kansas Free Fair, to be awarded in prizes of \$50, \$25, \$15 and \$10 for the best performance of farm owned trucks in hauling loads to Topeka on Motor Transportation day. The awards will be made by a committee of motor and road experts, who will take into consideration the distance traveled, condition of the roads and other essential features.

The fair management offers as a special award the free tickets to the races in the afternoon of Wednesday, to the show at night and to other attractions, for all members of the truck party winning first prize for bringing in the largest number of persons. For additional information write the Farmers Mail and Breeze.

In addition to the big caravan of farm trucks, Kansas City, Atchison and Topeka truck dealers will combine their best equipment in a monster fleet of 100 machines, loaded with merchandise, to take part in the parade. A caravan of trucks from Kansas City will bring 30 tons of print paper, destined for the Capper Publications, as a part of their contribution to the "ship-by-truck" movement.

Many farmers in Kansas last year purchased motor trucks and all report them much more satisfactory than the old fashioned farm wagons formerly used. The truck can be used for every branch of farming. On stock farms it has been found valuable for hauling hogs, cattle and sheep. On grain, fruit, dairy and poultry farms motor trucks have given rapid and economical service in handling and marketing the products. Perishable fruits and vegetables often can be marketed by motor truck service when otherwise they would have to be left in the fields to rot and would thus become a total loss. Motor truck hauls in 1918 from farm to shipping point averaged 11.3 miles, while wagon hauls averaged 9 miles; and a motor truck made 3.4 round trips a day over its longer route of 11.3 miles, while wagons made 1.2 round trips a day over the 9-mile distance.

The estimated cost for hauling in wagons from farm to shipping point averaged in 1918 about 30 cents a ton a mile for wheat, 33 cents for corn, and 48 cents for cotton; for hauling in motor trucks or by tractors the averages are 15 cents for wheat or corn and 18 cents a ton-mile for cotton.



Good Roads Extend in Every Direction from Topeka Over Which Motor Trucks Reach the City. Pioneer Routes are Shown by Circles in Each 10 Mile Zone.

Make the Gas Engine Do the Chores

A Good Farm Power Outfit Will Operate the Washing Machine, Patent Milker, Churn, Separator, Corn Sheller and the Magneto for Electric Lighting

By Arthur L. Dahl

POWER is the constant and universal need of every farmer, for to produce anything of value there must be an expenditure of effort on the part of man, beast or machine. The modern farm tractor is rapidly solving many field problems of the farmer, doing the heavy work for himself and his teams, and the value of the tractor for belt work is constantly increasing, as new ways are found for utilizing its power. On the other hand, the horsepower of the average-sized tractor is too great to warrant its use on many jobs requiring but 1 or 2 horsepower, and for these small, but important tasks, the modern gas engine is admirably adapted in nearly every way.

The gas engine of today is a machine as well developed as its heavier brother, the tractor, and for a comparatively small investment a farmer can get a dependable engine that will meet the particular needs for which he bought it. If a little study is made of the engine, when first purchased, and the instruction books are carefully read, anyone can learn how to operate it, and with a little experience all minor adjustments and repairs can be made without calling in the assistance of an expert. There are a number of gas engines on the market today, built by manufacturers of standing and reputation, and ranging in power from 1 horsepower up. These machines are simple, compact, more or less "fool-proof" and will lighten the work of the farmer and his wife in many ways.

A gas engine of the smaller type, say of 1½ horsepower, can be purchased for less than \$100, some types being sold for as low as \$61, and with one of these machines many time-taking jobs can be done in short order. In the farm house the machine can be belted to the washing machine or the cream separator, or it will operate a magneto for lighting the barn or shed. One farmer uses his gas engine, of 1¼ horsepower, to operate the milking machine in his dairy, and finds it a great labor saving device. The same owner has a larger kerosene engine to pump water.

Three Engines on One Farm

F. B. Potter of Pender, Neb., uses three gas engines on his farm, and finds use for all of them. One of these engines, of 1½ horsepower is used for pumping water, and another of the same capacity is used in the home for operating the washing machine. A 15 horsepower engine operates a 10-inch burr grinder and a four-roll shredder.

John Erickson of Winger, Minn., uses a 2 horsepower gas engine to run a pump, fanning mill, a buzz saw and other small machines on his farm. Being light and portable the engine can be taken from one place to another as the need arises, and the many uses to which it can be put has made it an essential part of this farm's equipment.

In considering the purchase of a gas engine the farmer should go over carefully the prospective uses of the machine and get one of sufficient power to fill all the requirements on his farm. If the engine is to be permanently anchored in one place and used exclusively for running a particular machine, such as a cream separator, washing machine, or a pump, it would not be economy to use a machine with more power than required for its particular work, but where the engine is to do general work on the farm it is best to make allowance for a fair surplus of power in order to be safe.

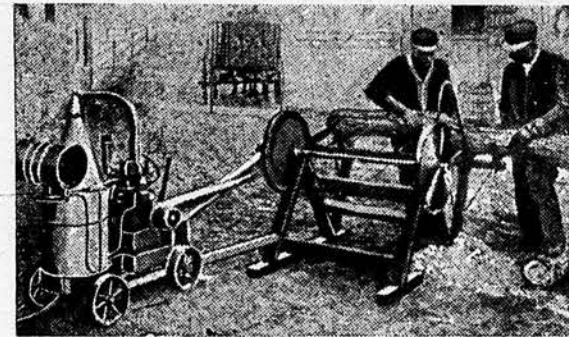
A 4 horsepower gas engine which will weigh about 190 pounds, or more, and which is carried easily by two men, will perform most of the ordinary jobs for which power is needed. A machine of this size will run the cream separator, the washing machine, or a pump, and in addition it can be used for many jobs in the field. When attached to a grain binder it will perform the work of a team of horses, or it may be attached to a corn binder or a potato digger.

A gas engine of 8 horsepower, weighing less than 400 pounds, will provide sufficient power to perform all medium jobs on the farm including the operation of a hay press, corn picker, or saw rig.

With a gas engine of 15 horsepower capacity many of the heavier jobs on a farm can be performed. This machine will have power enough to operate a six-hole corn sheller, ensilage cutters, large feed grinders or small threshers.

While it is possible to purchase gas engines of almost any power desired, when the horsepower is more than 15, the average farmer will get better results by using the motor of his tractor, and especially if it is of the heavier type.

Gas engines have, in many instances, been used for specific jobs and have saved a great deal of money for the owners. A case of this kind occurred in the West. A Keystone drill was being used on a high piece of ground, about a mile from the nearest water. To supply water for the boiler and for the domestic needs of the drill crew, it was necessary to put on a team and driver to haul water in barrels from the stream to the work. With the high wages prevailing in the West this expense amounted to about \$10 a day. As the job was to be a long one, the head driller obtained a



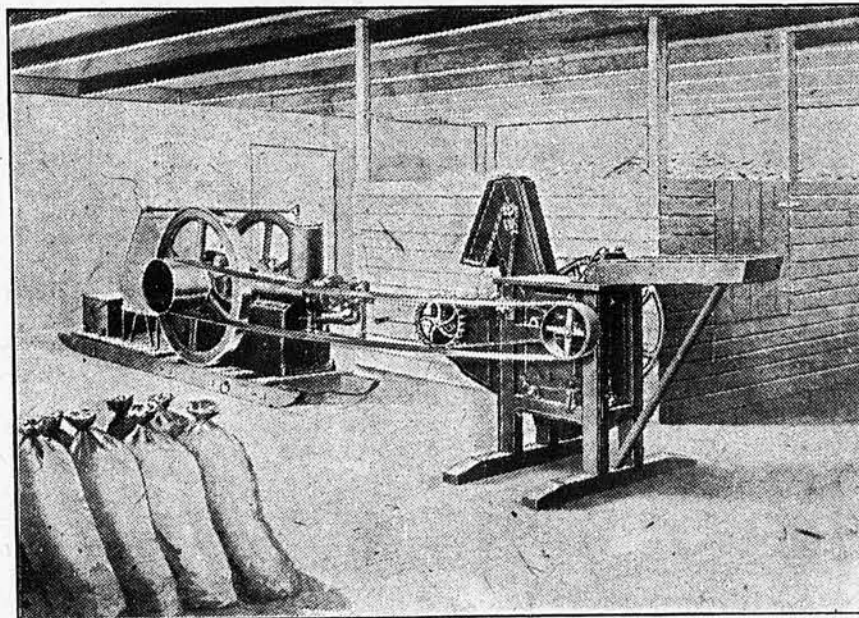
A Small Outfit Can Do Many Big Tasks

gas engine, laid a line of 1-inch pipe on top of the ground from the stream to the drill, and at a pumping expense of less than a dollar a day, obtained all the water he needed. When the work was completed, the engine and pipe were sold for almost as much as they cost.

A Big California Tract

In Tehama county, California, a 10,000 acre tract of land is farmed as a unit. To carry on the field operations the owner uses three tractors of 70 horsepower, and seven of 35 horsepower rating, and the motors of these tractors are often used for belt work, including pumping water for irrigation. In spite of the availability of these tractors, however, this ranch finds use for a number of gasoline engines of different ratings to perform specific duties. In developing the ranch a number of water wells were sunk, and in testing out these wells gas engines of from 20 to 40 horsepower are used with great success.

The owner of a small gas engine will find it particularly valuable in spraying the orchard.



Very Little Fuel is Required to Operate a Corn Sheller. This Small 4 Horsepower Engine Does Both Light and Heavy Work at Little Expense.

Usually engines of from 1½ to 4 horsepower are used for spraying purposes, and a number of manufacturers turn out spraying outfits that can be attached easily to a gas engine.

While the modern gas engine has been simplified greatly and can be operated successfully by the average person who gives it a little study, and follows the directions of the manufacturer, at the same time a great deal of trouble can be avoided by observing a few important points. Always see that the engine is lubricated properly with oil of a quality and kind suited to the machine. Too many owners use grades of oil entirely unsuited to their engines, notwithstanding the fact that every

manufacturer supplies a long list of various brands and grades of oil which have been tested and found suitable to that particular engine and which can be obtained almost everywhere.

Another common error is to use too little oil. It is poor economy to try to save on oil. On the other hand, an excess of oil in the cylinder will cause carbon deposits, followed by loss of power, overheating and pre-ignition. Heavy, bluish smoke from the exhaust indicates that the cylinder is getting too much oil.

Keep all nuts tight. If one makes it a practice to go over the engine at least once a day, when operated, tightening all bolts and screws and wiping off all waste oil and dirt, a great many engine troubles will be avoided. The vibration incident to the operation of all engines has a tendency to loosen bolts, and practically all breakdowns can be traced to little things such as a loosened screw or bolt. See that the engine, when operating, has a good foundation, which is perfectly level and as solid as possible. A machine that is required to operate out of plumb is subjected to unnecessary strains.

Study All Machine Troubles

Everyone who operates a gas engine of any kind should learn first to stop and reason as to the probable cause of any trouble which develops. In most cases where an engine stops, loses power or becomes irregular, some indication of the cause will be apparent to one familiar with the outfit if he studies the problem intelligently. Tinkering in a haphazard way should be avoided, and adjustments should be made only after one has reasoned out the probable source of the trouble. Experienced operators, in hunting for the source of trouble, usually make a series of tests.

When an engine refuses to start the trouble usually will be on account of some interruption of the supply of the proper mixture of gas and air, or to a failure of the electrical system which provides the spark to fire the compressed mixture.

The ignition system, on the whole, is more often the cause of trouble than is the fuel system, and a test often will locate the seat of the trouble. With all engines using spark plugs it is comparatively easy to ascertain whether the ignition system is working properly. By removing the plug it can be seen whether the points are properly spaced or the insulating material is coated with carbon. Knowledge of just how much of a spark one should obtain with each kind of ignition system comes with experience, and it is often desirable to make these tests when the engine is in good order.

If the ignition system is not at fault, the fuel and water tanks should be examined to see if they are in good order. Often condensation of moisture on the sides of the gasoline tank drains down and settles at the lowest point in the tank, causing trouble. Or perhaps the adjustment is not just right to provide for the proper mixture of fuel and air. A little experience soon will teach one the proper tests to make to determine these points.

During cold weather it often will be found more difficult to start a gas engine because the oil congeals on the bearings and around the pistons and valves; gasoline will not vaporize as quickly when cold, and where dry batteries are used cold weather weakens the spark. A little gasoline or kerosene on all bearings which can be reached will help in cranking the engine and a liberal supply of gasoline in the cylinder will tend to thin the oil around the piston.

At the present time there are so many courses of instruction open to owners of gas engines that it is possible to gain a sufficient knowledge of their construction and operation to enable the average farmer to use them with the greatest benefit and with a minimum of trouble and worry.

DEPARTMENT EDITORS
 Livestock Editor.....T. W. Morse
 Farm Doings.....Harley Hatch
 Dairying.....Frank M. Chase

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 Changes in advertisements or orders to discontinue advertisements must reach us not later than Saturday morning, one week in advance of the date of publication. An ad cannot be stopped or changed after it is inserted in a page and the page has been electrotyped. New advertisements can be accepted any time Monday.

The Farmers Mail and Breeze

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T. A. McNEAL, Editor.
CHARLES DILLON, Managing Editor.
J. W. WILKINSON and FRANK M. CHASE, Associate Editors.

SUBSCRIPTION RATES: One dollar a year; three years two dollars.

OUR TWO BEST SUBSCRIPTION OFFERS
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 WE GUARANTEE that every display advertiser in this issue is reliable. Should any advertiser herein deal dishonestly with any subscriber, we will make good the amount of your loss, provided such transaction occurs within one month from date of this issue, that it is reported to us promptly, and that we find the facts to be as stated. It is a condition of this contract that in writing to advertisers you state: "I saw your advertisement in the Farmers Mail and Breeze."

Passing Comment—By T. A. McNeal

Negroes and Mexico

IF OUR government establishes a protectorate over Mexico, and the indications point that way, why not make arrangements for the negroes of the United States, who desire to do so, to migrate to Mexico? A few days ago I was talking with a very intelligent, reputable and successful negro business man who has been doing a great deal of thinking on this race question. He is a very sane, reasonable kind of man, who strongly discourages any violence on the part of his own race in an effort to gain their political and civil rights.

He does, however, look at the facts squarely. He believes that there is no probability that the citizens of his race will be given their political and civil rights in this country, or that the doors of opportunity will be opened to them. He believes that in Mexico these barriers would not be raised against them. The Mexicans and negroes get along well together. The Anglo Saxon seems to be the only race that has strong race prejudices. It is possibly a little more prejudiced against the black race than against any other, but it has a prejudice against all the other races to a greater or less degree. The negro race in the United States has been discriminated against and will continue to be discriminated against most unjustly. That is wrong, but you will not stop it by denouncing it. All persons ought to love their neighbors and do justly by them, but unfortunately in a great many instances they do not, and telling them what they ought to do does not change them in the least. If the negroes of this country were disposed to use force and violence to gain their rights, they could of course cause much trouble, but in the end they certainly would get the worst of it.

I thought for a time that the labor unions were going to give the negro workers a square deal, but I am about convinced that they are not going to do this, so there you are. The negro finds himself confronted with barriers which he cannot climb over or batter down. Now if there is a place where he can go and find an open field, where he is not hampered by prejudice, and where there is a chance for development, that is the place for him to go. This negro business man fully believes that Mexico will offer just that kind of a field as soon as a stable government is organized there. He is therefore in favor of the establishment of a protectorate by the United States, somewhat similar to the protectorate we have established in Cuba, and then let as many of the negroes of the United States as wish, go to Mexico and settle, as farmers, stock raisers and business men in other lines.

It strikes me as a good idea. There are large areas in Mexico especially adapted to the raising of cotton and the negro is a cotton grower. He also has demonstrated that if given a fair opportunity he is a successful farmer, as a rule. If the white persons of the United States who express such aversion to the presence of the negro, are in earnest about it, they ought to be glad to see the negro race get out of the country and ought even to be willing to help them get out. I believe that when the actual test came the citizens of the South would object to the migration of the negroes but they could not prevent their going. Why not give the race a chance in Mexico?

The Force of Public Opinion

I have been convinced for a long time that the citizens of this country can get what they want in the way of legislation whenever a majority of them really make up their minds that they want some particular thing. The majority of the people of the United States came to the conclusion that the Daylight Saving law was not a good thing and therefore ought to be repealed.

President Wilson thought differently. Generally the members of his own party in Congress will follow his lead, but the pressure for the repeal of this law became so strong that it broke down party discipline and the result was that more than two-thirds of the members of both the Senate and House voted to override the President's veto and repeal the law.

Personally, I cared little about the Daylight Saving law. It neither accommodated nor discriminated me personally, but I never saw any good

reason for its passage in the first place or for its continuance. The farmers almost without exception were opposed to it and declared that it worked a hardship on them. Congress yielded to the force of public opinion as it always will do when public opinion is organized and evident. Someone here asks me: "Do you think the majority run this country?" Most of the time they do not. Often a very small minority runs the country, but the reason is that the minority is organized and knows just what it wants while the majority is unorganized and does not know what it wants.

Just now the whole country is wrought up over the question of profiteering. Congress is ready to respond to the sentiment against profiteering, but public sentiment has not yet been crystallized in favor of any definite plan. If it were, the law putting that plan into operation would be passed within a week.

* * * * *

In a country as large as this, with such diversified interests it is almost impossible to get the majority sentiment organized in favor of some particular policy. Most men, high and low, are governed by self interest, or what they imagine to be their self interest. They will therefore oppose any policy which they believe will conflict with their individual interests. Often they are influenced by shrewd talkers and propagandists to oppose measures which would in fact be to their interest but the motive behind their action is always the same. They are deceived as to the facts, perhaps, but they act from self interest just the same.

Another difficulty in a country so large as this is to get the attention of a majority of the citizens directed to one particular subject. Most persons think locally. Their chief attention is centered on the matters that immediately concern them and they do not give much attention to questions of public policy. In fact there is still a disposition to ridicule the plain citizen who talks about public questions. He is designated as a crank who is wasting his time trying to run the government. It is true that there are cranks given to running at the mouth who talk a good deal of foolishness and the quiet sensible citizen does not want to get mixed up with them; so he is likely to go to the opposite extreme and pay little attention to public affairs. If this is not a government by the majority it is the fault of the majority.

Enlightened Selfishness

I often hear it said that selfishness is the greatest of sins. That is only a half truth. If there were no selfishness in the world there would be no advancement and never would have been. Selfishness is after all only another name for the instinct of self preservation.

Nature implanted selfishness in the human mind in order that the human race might be preserved.

It is only when selfishness is misdirected that it becomes an evil. Let me give an illustration.

A building is crowded with people when there is an alarm of fire. Instantly the instinct of self-preservation takes possession of practically every person in that crowded building. Each one is so intent on trying to save himself that he disregards the rights of every one else. He tramples those who are weaker than himself under foot in order that he may escape. That is blind, unreasoning selfishness. The exits become jammed with the struggling human mass and, perhaps, the flames overtake the entire crowd. Now if there had been no panic of fear; if every person in that crowd could have controlled the blind, selfish impulse and gone out of the building in an orderly manner, the probability is that every person large and small, strong and weak, old and young, would have escaped without injury. That would have been the exercise of enlightened selfishness for the rational and cool individual would have understood that his own safety was dependent on the safety of all.

That truth has been recognized in a small way in all civilized countries. One of the things taught in every public school in the cities and towns is the fire drill. In other words the children are carefully drilled to restrain the natural selfish impulse in order that they may be safe. So far however, mankind has not advanced far enough to understand that the same principle applies to

social and economic conditions generally that applies in the case of the fire.

If everybody in the world were getting plenty to eat it would call for enormous and profitable production on the part of all the farmers of the world. It is therefore to the interest of the farmers to have all the persons of the world prosperous and content. Two things at least that are necessary to bring general prosperity to the world and lasting peace, are greatly increased production and such a revolution in transportation that the production can be distributed at a moderate cost. The mistake of the world has been the supposition that a part of the world can thrive permanently on the misery and adversity of the other part. Out of this fundamental error comes the trade wars, the rotting of food in parts of the world while millions are starving, the bloody wars of nations with all of the horrors that flow therefrom. We need in this old world enlightened selfishness.

The Picnic Old and New

One day last week I attended a country picnic at the little town of Stilwell, Kan. This is an annual event at Stilwell and there is no particular object so far as I can see, except to get together and have a sociable time. Picnics, like everything else, have their ebbs and tides, I think, perhaps, just now they are somewhat on the ebb, but just the same every year a few hundred people who live in the neighborhood of Stilwell gather together and eat lunch out in a grove and listen to music by a band and hear a speech or two.

Speaking at a picnic, by the way, is not a snap. In the first place this thing of trying to talk to all out-of-doors is an uphill job and then there are a good many persons who go to a picnic that consider a speech an interference with their own inalienable right to talk. So they gather in little groups, often almost under the nose of the perspiring speaker and discuss neighborhood gossip; the best time to set hens; where they can get the best bargains; and other matters of this kind. I recall that I was once making or trying to make a speech at a picnic where a number of estimable ladies were engaged in animated and audible conversation with each other. I was earnestly endeavoring to discuss the duties of the American citizen when my flow of language was interrupted by a conversation that ran something like this: "Oh yes, we are about as well as usual. My husband is havin' a bad spell with the rheumatism; says that he never has a minute when he isn't in misery— And it's been near impossible to get any help. Martha is married you know— she married one of the Porter boys. He clerks in Jones's store."

A few feet to the left was another group. A shrill voiced woman was saying: "Mrs. Williams, I must have the recipe for that cake you had today. I just never did taste a better cake than that. Two cups of sugar, you say? and three eggs? Have you a pencil Mrs. Brown? I want to write down this recipe for Mrs. Williams's cake."

A little further back another conversation was being carried on, fragments of which were carried to me on the soft summer air: "Yes, we had a letter day before yesterday. The baby is cutting teeth and of course is a little cross, but Mamie says he is just as cute as he can be and very smart. He says 'Da Da' whenever he sees his pa coming." And meantime I was talking wildly of the duties of citizenship with murder in my heart.

So before I began to talk to that Stilwell crowd I took a vote. I asked everybody who wanted or thought they wanted to listen to a speech to hold up their right hands. There were some who didn't hold up their hands and I asked that they go away where I wouldn't disturb them or where they would not disturb me, but I wanted it understood that all who stayed to listen to the speech must keep still. It worked pretty well, and I intend to try it on the next picnic crowd I talk to.

Styles change in picnics as well as other things. I only saw one lone horse at the picnic the other day. The horse as a transportation power seems to have nearly gone out of fashion.

In the old days the principal attraction at a picnic was the hot air balloon. The crowd was filled with intense interest from the time the fire was built under the big canvas bag until the balloon floated majestically, fully inflated with smoke and hot air. Then the aeronaut, Prof.

Blink, took his place on the trapeze; ordered his helpers to loosen the ropes and the great bag rose and floated above the admiring, gaping crowd. The hot air balloon seems to have passed. In its place has come the airplane with its noisy flight.

For spectacular purposes, however, the old hot air balloon had the airplane skinned a country block. The balloon rising rapidly until it seemed to grow small in the distance; then the loosening of the parachute and the downward flight of the daring aeronaut; that was really a sight worth looking at. It didn't require any particular skill, just nerve, but there were more thrills in one hot air balloon ascension than in a dozen airplane flights. I recall an instance where the quick thinking of the aeronaut saved him from serious injury and probably saved his life. Atmospheric conditions were not favorable but he was under contract to make the ascension and so he undertook it.

The bag rose to a height of, perhaps, 250 feet then drifted over a thick grove of trees and began slowly to descend. In another minute the aeronaut would have been dragged thru the tops of the trees if the balloon continued to descend. His decision was made quickly. He cut loose the parachute. He was taking great chances. If the parachute did not open within a hundred feet or less he would be dashed to the ground and probably killed. There was an involuntary expression of horror on the part of the great crowd of spectators who were of course entirely helpless so far as preventing the impending tragedy was concerned. Fortunately the parachute opened when the aeronaut was not more than 50 feet from the ground and he floated down in safety—but it was a close call.

The End of the Show

My friend, Mark E. Zimmerman of White Cloud, Kan., is a student of prophecy. He thinks he sees a fulfillment of scriptural predictions in the war and the events that are taking place since the war. It is his opinion that the end of the big show will be during the closing days of 1920. Here is the way he figures it:

March 21, 1918 was Saint Michael Day in Germany. (Dan. 10:13-21; Jude 9; Rev. 12:7.) It was March 21, 1918, that the Kaiser, as the seventh and last head of the dragon, (Rev. 12:3-4), took supreme command of his forces arrayed against France, England and the United States (one Catholic and two Protestants—the two branches of gentile Christians, figured as the beast with lamb-like horns.) (Rev. 13:11.) On May 1, 1918, the Kaiser was psychologically dead. He was convinced in his mind that his cause was lost.

The dragon was headless from that date, and was predestined to live 14 months, or until July 1, 1919.

"Koran Kulture" was set up November 1, 1914, by the Kaiser—the "man of sin," and was the abomination of desolation referred to by Daniel and Jesus Christ. (Dan. 9:27, 12:1; Mat. 24:15.)

From November 1, 1914 to May 1, 1918 were the 42 months (Rev. 13:5), that the man of sin, who must be revealed before Christ returns (2 Thess. 2:3-12), reigned as the last head of the "Great Red Dragon."

This head was a human medium of the old serpent, Satan, the beast of blood and death. (Rev. 13:18.)

This figurative dragon which has had six heads before the Kaiser was numbered 666; ends war with swords and guns. (Is. 2:4; Mic. 4:3.)

A league of nations to enforce self-determination of races, nations and creeds, with Babylon as human medium of Satan will follow the death of the beast of war. (Rev. 17:5.)

The 2,300 days of Daniel began August 1, 1914, and will end with the closing days of 1920. (Dan. 8:13-14.)

Whether or not human history will end with the ending of the 2,300 days, no mortal knows, however, it will be well to prepare and watch for the big fire and end of mortality. (Mark, 13:37; 2 Pet. 3:1-17.) MARK E. ZIMMERMAN.

Increase Production

The world is cursed with a great deal of false philosophy. Men mouth over phrases which catch the ear and sound like wisdom but which in fact will not bear analysis and have but little sense in them. A good many of my Socialist friends love to dwell on the phrase, "Every worker is entitled to the full product of his toil." That sounds equitable, but no man ever has suggested a practicable way of determining what is the full product of a man's or woman's toil.

Chris Hoffman, the brightest Socialist in Kansas and an industrious student of economics once promised me that he would tell me just how the matter could be determined. He lived for two years after he made me that promise but never answered my question. There was a good reason for his not answering because an answer is impossible. A part of the workers of the world necessarily must be employed in the distribution and part in production. Who is wise enough to determine just what share of the total product belongs to each?

A hundred men working without any concert or direction will produce comparatively little. The same men working under incompetent leadership or direction accomplish even less than if they were each toiling alone. Under intelligent and efficient leadership these same men will accomplish perhaps five or six times as much as they can by working individually or under incompetent direction. How much of the aggregate product of the toil of these men under competent leadership should go to the leader? Certainly no one would say that four-fifths of it belongs to him altho it was the result of his brains, skill and leadership that the hundred men produced five times as much as they did before they had his leadership.

There is another fallacious opinion I find rather prevalent and that is if there was a fair division

Give General Palmer What He Asks

PRESIDENT WILSON'S recent address to Congress on the high cost of living has had one good effect at least: Congress at last is impressed with the need of speedy action. It is true many Congressmen take the view that the President already has all the power he needs to deal with profiteers, and that the speed should come from him and the cabinet heads of the executive departments. Unquestionably there is much merit in this view. What Attorney General Palmer is doing now, in libeling and seizing hoarded food, and in beginning prosecutions against profiteers at various places, should have begun months ago, and probably would have begun sooner had President Wilson been in the United States instead of being in Europe. At home he would have been impressed by the rising storm of protest against conscienceless profiteering. But, altho executive action has been tardy, the President none the less must be credited with having started action against profiteers, and Congress will have to shoulder the responsibility of not doing its full part if it fails to give the President and Attorney General the additional legislation they say they need to make these prosecutions effective.

"Give me this legislation," said Attorney General Palmer, to a Congressional committee, in asking for an act providing a penalty for profiteering, "and we can stop this business in 60 days." The Attorney General probably is too sanguine in regard to the length of time necessary to obtain such far-reaching results, but he at least shows a courageous purpose, and his effective work as alien property custodian is evidence of his nerve and ability when clothed with sufficient authority. He says he needs more law, but at the same time he goes ahead with what law he has and apparently does the best he can. Congress in my judgment will make a mistake, if it fails to heed his plea.

Many persons think profiteering is chiefly confined to the trade in foodstuffs. There scarcely could be a greater mistake. Profiteering in shoes and other leather goods makes some of the food profiteering appear almost respectable. Our old profiteering friend, the packer, appears here, too. The Federal Trade Commission's recent report (its third on the packing industry) showed the packer was in hide, tanning and leather profiteering up to his neck and now this is being confirmed by admissions of men engaged in various branches of the leather and leather-goods trade. One shoe dealer writes me that in 1916 he bought shoes at \$2.75 a pair which are quoted today at \$9 a pair. That is the price to the retail merchant, not to the wearer. Then he adds, "Yet I do not accuse manufacturers of charging undue profits, for finished calf skins at that time were 32 cents a foot against \$1.10 to \$1.50 a foot today."

There is much talk about the increased cost of labor having forced up the price, but Charles H. Jones, president of the Commonwealth Shoe and Leather company, one of the biggest concerns in the trade, admits this is not so, in these words,

of production everybody would be comfortable. Nothing is farther from the truth. If it were possible to divide all the present production of the earth equally among all the inhabitants nobody in the world would have enough to eat, or enough to wear.

There is after all a very small percentage of the people of the world who have a superabundance. The idle rich and those who are possessed of almost untold wealth and luxury are so few, that in spite of their wanton extravagance they can use but a very small per cent of the production of the world. If all they possess should be taken from them and divided it would not relieve for a single month the destitution of the half starved millions. Then comes the standpatter and says, "That just proves what I always have contended; all this talk of bettering conditions is rot." He is blind as a mole. It is true that if all the present production of the world should be divided evenly everybody would be hungry until the stronger took away the shares of the weaker but the production of the world can be increased to the point where there will be enough to feed all the inhabitants. There has been a good deal of foolish talk about overproduction. There never has been overproduction. The world has suffered a great deal from under consumption and lack of proper distribution but never from over production.

A Fundamental Wrong

Ever since business was organized in the world it has, with here and there some local and individual exceptions, been operated on the theory that the price charged for services rendered or goods furnished, should be "all the traffic would bear."

Of course that made the weak the prey of the strong; the poor always paid more in proportion for what they bought and less in proportion for what they had to sell whether that was labor or

"Shoes the manufacturer now sells for \$5 more than he received for the same grade five years ago, cost only \$1 more for labor." No, it is the packer again—very largely—boosting the price of his hides to the tanner, and the tanner, who often is packer again in a new guise, adding a good profiteering boost to the price of the tanned hide, who chiefly are responsible for the high cost of shoes, altho it cannot be denied many wholesale and retail dealers in shoes likewise are taking an unconscionable profit. In the last four months, the advance in the price of packer hides has been 72 per cent in the case of the poorest grade, and from that up to 124 per cent in the case of light native cow hides. So scandalous has packer profiteering in leather and tanning become that Swift & Company have decided to go out of this highly lucrative line of business as packers, and have formed a giant new corporation, the National Leather Company, with 30 million dollars capital, incorporated under the laws of Maine, to take over the Swift tanning and leather interests. But it still will be the Swift crowd, for the charter provides that each shareholder of Swift & Company is to be entitled to buy two shares of National Leather at \$10 a share for every share of Swift & Company stock he owns.

With this bold profiteering going on with steadily increasing rapacity, I am in full sympathy with the public demand for speedy Congressional action in regard to profiteering and other pressing domestic questions. This likewise means speedier action in disposing of the International Peace Treaty. The public should not be unfair in its attitude toward the Senate in this matter. There has not as yet been unnecessary delay. The Senate has had the treaty for consideration not so many weeks as the peacemakers in Paris took months in its preparation. It is a weighty and important document full of many things of portent to the future of our country. While it should not take the Senate committee nearly so long to familiarize itself with the details as it did the peace envoys to negotiate them, yet the issues involved are too tremendous for hasty consideration. I believe that when the Senate committee shall have finished its conference with President Wilson it will be ready to report the treaty back to the Senate and that we shall then see a speedy adoption of such reservations as a majority of the Senators shall consider necessary and a prompt ratification of the amended International Peace Treaty and the League of Nations covenant. At least that is what I earnestly hope for, because I believe Congress should proceed just as rapidly as possible to the consideration and passage of the anti-profiteering measures, including the Kenyon meat-packing regulation bill, the solution of the great railroad and transportation problem, the enactment of a soldiers' home-founding bill that will enable the government to do its duty by our soldiers of the Great World War, and other important and vital domestic legislation.

The time for probing and investigation is past; the time for action is here. I shall support every measure calculated to bring early correction of existing evils just as fast as we are able to get them up for a vote in Congress. Then, if the President and his heads of departments fail to employ the instruments we place in his hands, the responsibility will be his and not ours.

Arthur Capper.
Washington, D. C.

the product of their labor, than the rich and powerful.

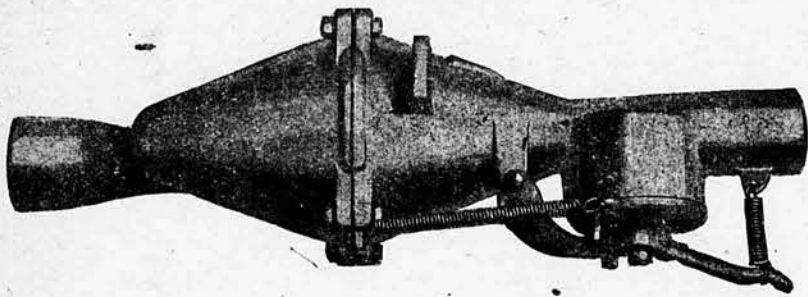
That this economic condition existed as far back as the time of Solomon is shown by his wise observation that "the destruction of the poor is his poverty," which meant that the poor got it in the neck both coming and going. Human slavery was founded on that principle. The powerful, by force made the less powerful their slaves and then exacted from their slaves as much as possible in the way of service and gave in return as little as possible in the way of food and clothing. In other words they took all the traffic would bear.

After slavery was generally abolished and the wage system adopted in its place the same rule prevailed to a less extent. The employers forced the employed to work to the limit of their endurance and in return paid the lowest wages on which it was possible for the laborer to live.

Tradesmen followed the same rule. They charged as much for their goods as the credulity and necessity of their customers enabled them to exact.

We are complaining about the hoggishness of the profiteers but they are simply acting on the ages old theory that it is right to charge all the traffic will bear. If that principle, acquiesced in by all advocates of an unrestricted competitive system, is right, then the profiteers are justified and the exploited have no reason to complain.

Just now there is a rather widespread complaint among those who believe in the old order, about the exactions of labor unions. Perhaps the demands of the unions are unreasonable, but these believers in the old order have no right to complain, because the unions are doing the very thing they themselves have advocated, as a proper rule in business. The unions are simply exacting all the traffic will bear. The rule is wrong. It is the rule of the highwayman. It is the rule of might makes right. It is the rule that justifies war and is responsible for 90 per cent of the misery in the world.



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Washington Comment By Senator Capper

A YEAR AGO, as a candidate for United States Senator, I was advocating regulation of the meat packing business, in the interest of producer and consumer alike. During the past week I have been having part, as a member of the Senate Committee on Agriculture, in helping to analyze and formulate a measure designed to carry out the regulation that I then advocated.

In what follows I shall attempt to tell briefly some of the things disclosed in the hearings held by our committee on the Kenyon and Kendrick bills, one of which doubtless will be made the basis for whatever legislation, if any, is passed. I desire to emphasize that it is by no means certain that any legislation will be enacted, for there is going to be a very strong pull-back influence among ultra-conservative members of Congress of both parties, particularly among congressmen along the Eastern seaboard and in the South. Besides the most strenuous effort is being made by the packers to confuse the issue and to give excuse for members of Congress, who would otherwise unhesitatingly support such legislation, to vote against regulatory laws on the ground that even the producers themselves, to say nothing of the consumers, are not united in behalf of such legislation. The most effective weapon being used is the charge that these bills are the opening wedge for government invasion of all business, thus stirring up business men everywhere to make the fight for the packers. I believe this fear is wholly unfounded.

Big Five Control Markets

William B. Colver, chairman of the Federal Trade Commission, who has investigated every phase of the packers' business, was the first witness before the commission. Mr. Colver was before the committee all day and it would be impossible, even to summarize his testimony, in the compass of a newspaper article. So I shall give only the high lights of his testimony. Early in his testimony, Mr. Colver made this unqualified statement: "We found, as I say, that the five great packing concerns controlled the meat packing industry of this country, and have it in their power to dictate the price at which they shall buy and the price at which they shall sell. The evidence of combinations, the evidence of agreements cannot be doubted when we consider the whole question."

Mr. Colver showed that this control was exercised chiefly thru four devices: Allotment of purchase of meat animals at the principal livestock markets; control and ownership of stockyards; control of the livestock papers and other agencies connected with the purchase of livestock; ownership and control of refrigerator cars.

Monopolize Food Products

But it was the story of the packing trust's ramifications into unrelated fields that constituted the most interesting part of Mr. Colver's testimony. "We find that these five concerns now own or control 562 various corporations in this country, and that they manufacture or deal in more than 700 various commodities," Mr. Colver said. So far as these commodities concerned by-products of the packing business, Mr. Colver did not criticize the packers' activities, but he showed that from operations connected with the manufacture and trade in by-products, the packers had passed to engaging in the manufacture and trade in meat substitutes and from that into a great number of unrelated commodities, until their control threatened a monopoly in many food products, among which he enumerated: Lard and its substitutes of cottonseed and other vegetable oils; oleomargarine and butter; bacon and cereal breakfast foods that compete with it; meat and its substitute, poultry, cheese, eggs, canned vegetables, canned and dried fruits.

"That was the origin," to use Mr. Colver's own language, "Now there have been added to that of dozens of

products, hundreds of products, so that the 'peddler' car, altho a refrigerator car, is a traveling wholesale grocery, and the business of distributing foods other than packing house products is in process now of rapid absorption by the five packers."

World Domination Planned

In making this invasion into unrelated fields, Mr. Colver showed, the packers did not run into the anti-trust law, because when that law was enacted the evil it was sought to eliminate was the combination or monopoly of trade in similar things, and it was not foreseen that there would be an attempt at monopoly of dissimilar or unrelated things, such as the packers have now developed.

"But I think that the 1920 model of the trust or monopoly is the bringing together, not of competitors in the same business or the same industry, but competing industries, and that is what has been done here. Competing industries are brought together. Competitors in the packing business having been substantially eliminated, that was the next logical step."

"What will be the 1925 model if that keeps up?" Senator Kenyon wanted to know.

"There is a little four-cylinder one running around in England now. The 1925 model will be the ownership of the packing plants; the ownership or lease or direct control of the canneries of fish, vegetables and fruits; the ownership or control, which has begun, of the factories which turn cereals into edibles—except flour, and that is not impossible; the flour industry is not too big a mouthful. Then on the other end it will be the control of the wholesale distribution—and there will not be any wholesale distribution of any account, because it will go on down to the retail distribution."

Over there the packers operate under new names, but the American "big five" packers are the owners of the concern. "They take out a charter there as purveyors of meat and slaughterers of meat, and they ask and receive the right to build and operate steamers and carry mail," Mr. Colver continued. "They acquire the right to buy or take over in any way any competitor that they may deem desirable. They have the right to buy and sell and manufacture—if I am not quoting it exactly, I am giving it pretty closely—any commodity usually sold in shops."

"The 1925 model, if that is a blue print of it, has more than twelve cylinders."

Giant World Trust Imminent

So it is seen from Mr. Colver's testimony that our packers having completed their conquest of this country—or being in a fair way to complete it—are looking, like Alexander, for new worlds to conquer. Indeed, they appear to have selected England as the field to try out the whole process of manufacture, transportation, wholesaling and retailing, not of meat alone but scores, even hundreds of other related and unrelated products. If the scheme works well, then they will carry on their conquest of the markets of the world into our own insular possessions, the islands of the sea and other continents.

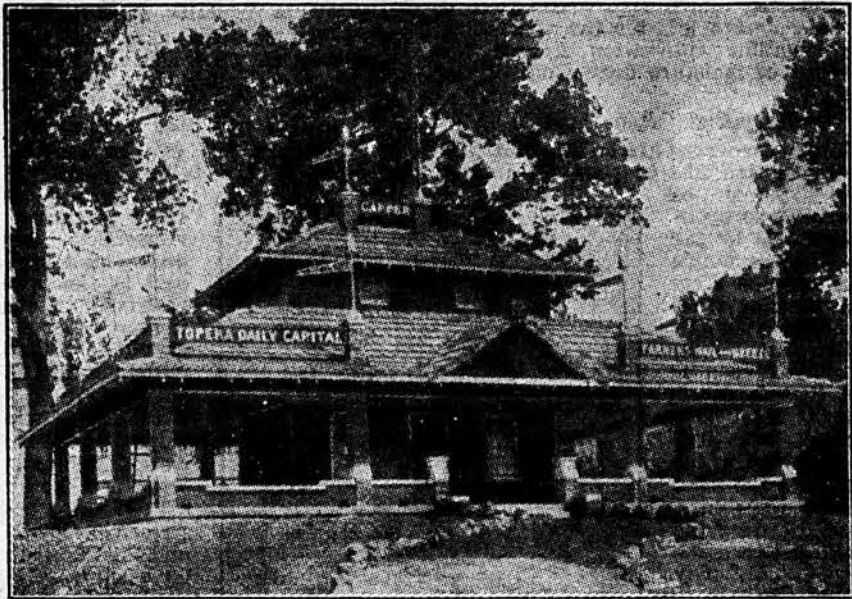
Does anyone believe that it is healthy for American industry and trade—to say nothing of the rights of the public, the ordinary producer and consumer—to permit this group of giant concerns to pursue its career of conquest unimpeded and unregulated? Is the packing business more sacred than the banking business or transportation, which we have been regulating for years? Isn't the danger, not too much regulation of business by government, but rather the absorption of all business of consequence by this giant monopoly thru a failure to regulate at all?

Arthur Capper.
Washington, D. C.

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Sun Time Once More

The Abominable "Daylight Saving" Law Has Been Repealed Despite the President's Veto

THE FARMERS Mail and Breeze finds much satisfaction in the repeal of the so-called Daylight Saving law. After it had been vetoed twice by President Wilson Congress passed the repeal, and the objectionable law will be dead next October—forever.

Few national enactments have been so generally condemned and ignored. Scarcely any law on the books ever has caused such irritating confusion everywhere, even among those who liked the extra hour arrangement. So annoying was this law that the country generally turned against it. Just as soon as the war had ended and the necessity for such a law had passed, the people turned on it viciously. In the West the Farmers Mail and Breeze led the fight against it. Its columns carried blank petitions praying for the law's repeal. Senator Capper personally enlisted the help of editors on every farm paper in America, and got it. The opposition to the law became national.

The President's veto power fell flat. He learned for once just what public opinion really is when it is aroused. "The best way to get rid of an objectionable law is to enforce it," has long been an accepted maxim. What the people don't like the people will kill. They killed the foolish Daylight Saving law. Congress saw more than 2 million petitions from every part of America.

Congress listened to the people's voice. The President seemed deaf on that side. "But he could hear perfectly on the side where the town and city industries and the golf and tennis players were crowded together. The repeal of the craziest law ever enacted in America is a distinct victory for farmers.

What Were You Paid for Wheat?

I ask farmers to inform me immediately what they were paid or are being paid for their wheat. Julius H. Barnes, United States Wheat Director, in a letter to the Senate Agricultural Committee, which he has made public and has had printed in all the newspapers, declares nearly all farmers are getting the full price. My correspondence indicates many wheat raisers are receiving a great deal less.

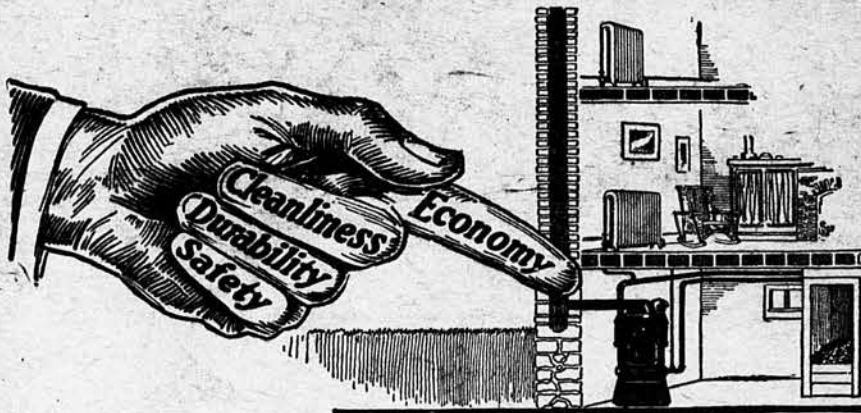
Letters showing the actual facts will be of the utmost value in affording proof that manipulation in administering grades is depriving wheat farmers of their just dues—sometimes to the extent of 10 to 15 cents a bushel—and at a time when the full guarantee is much less than a fair market price for their grain.

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Watch Farm Gardens Now

Keep Vegetables Growing During Summer Months

BY J. T. ROSA

TO KEEP the vegetables growing and healthy during the midsummer months is far more difficult than in the cool moist spring weather. This gave rise to the old saying that "A gardener in August is worth a dozen in May." The first duty of the gardener is to continue shallow cultivation sufficiently to keep down weeds and to keep the soil from baking hard. This helps to solve the moisture problem, for there is usually a lack of it in summer. By eliminating weeds there is more moisture left for the vegetables, and shallow cultivation lessens the amount of moisture drawn out of the soil.

Irrigation Often Possible

Many gardeners are so situated that they can irrigate to good advantage.

The system of overhead spray irrigation is by far the best—a single line of pipe from the tank or other water supply down the center of the garden is all that is necessary. Most gardeners can irrigate by leading the water to the head of the rows in a hose, flooding the space between the rows. This may result in more harm than good unless followed by cultivation to prevent baking. Late afternoon is the best time to irrigate. The moisture question can be handled for some vegetables by mulching between the rows with straw or leaves which shades the soil and retains the moisture. Erect bush vegetables, such as tomatoes, peppers, eggplants, squash, beans and potatoes, are especially benefited by mulching.

Control of diseases and insects is another important matter in keeping the garden productive thru the summer, as this is the season at which most damage is done. One of the 3-gallon compressed air knapsack sprayers is most efficient for this work. Tomatoes, celery, eggplant, potatoes and all vine crops will be benefited by spraying with Bordeaux mixture, to which an arsenical preparation may be added if biting insects are present, or nicotine may be added if sucking insects are doing damage.

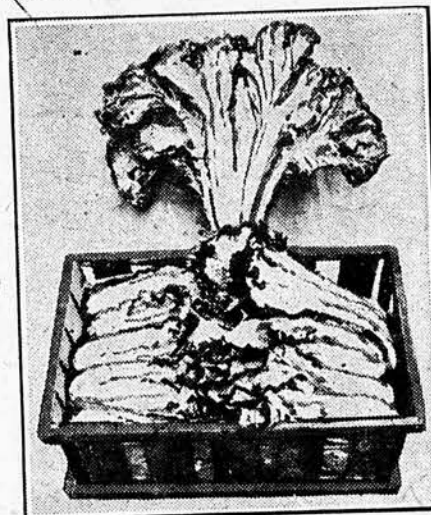
It is necessary to keep the vegetables harvested promptly thruout the season to save waste, prevent their becoming stale, and in the case of the fruit-like vegetables this is necessary to keep the plants bearing heavily. It seems that if cucumbers and peppers are permitted to ripen fully on the plant, it ceases heavy bearing immediately. The greatest value may be realized from the garden during the summer, if special

care is given during the hot weather. Chinese cabbage is a new vegetable that is attracting considerable attention as a garden crop. The horticultural department of the Missouri Experiment station has been experimenting with this crop, which has been found very valuable for salad purposes, especially in the late fall. In fact, it seems to be an ideal vegetable to fill the long felt want for a satisfactory salad that can be grown easily at this season. This vegetable was introduced from China several years ago, where it has been grown under the name of Petai for centuries the stalks being used as one of the constituents of chop suey. It now has been acclimated to our conditions, and can be grown to perfection in the fall. Because the plant grows very fast, produces a tremendous bulk on a small space, and is also quite resistant to cold, it seems that this should be a highly satisfactory fall garden crop. Seed planted during August or the first week in September will produce an abundance of greens by October, and the plants can be used from the garden continuously until the last of November. The seed should be sown thinly in rows 2 feet apart, and the plants thinned out to stand 6 or 8 inches apart. The inner leaves of the heads of Chinese cabbage when well grown are blanched to a rich cream color, and are very crisp and tender and of excellent flavor. This part of the plant is fully equal to head lettuce for salad purposes, while it is far easier to grow and much cheaper. The stalks and outer leaves are splendid for boiled greens, or the whole head can be used like cabbage. Thus the plant serves a double purpose, yet it is far more productive and is much easier to grow than any of the vegetables for which it can be substituted. As the plants grow so very fast, seed may be sown as late as the middle of September, and on rich soil with plenty of moisture the plants will make very good heads before winter.

Excellent for Greens

As a spring vegetable, Chinese cabbage is desirable for greens, as it grows faster than mustard or any other of the common vegetables that every garden grows for this purpose. However, when grown in the spring, it must be started very early under glass and transplanted to the garden while the plants are small and the soil is cool and moist, which is necessary to make

(Continued on Page 25.)



Chinese Cabbage Packed for Market.

Pack Your Wheat Against Winter Killing

Not only is it necessary for you to have a perfectly prepared seed bed for your wheat for insuring the biggest yield, but you should pack it well against winter killing with this new light draft roller-bearing



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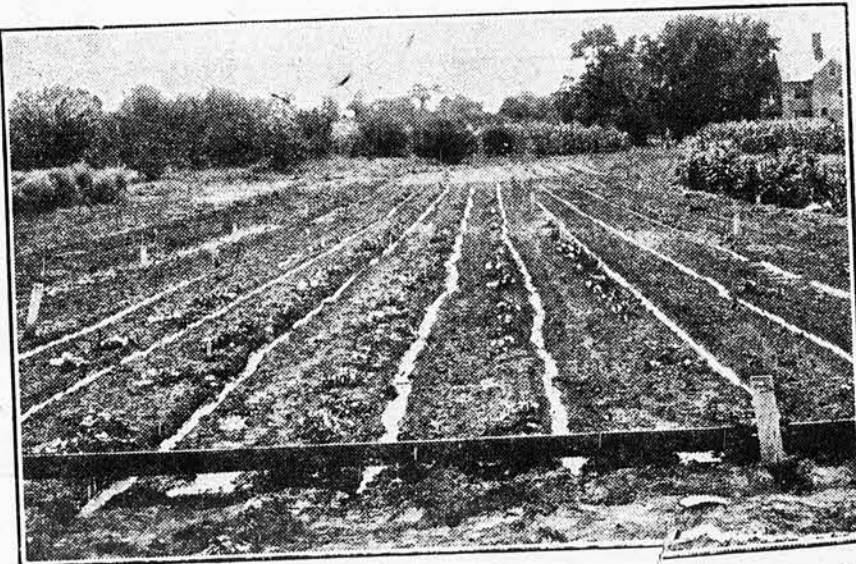
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Straw Spreading Make \$15 Extra
Profit Per Acre.

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This book shows how you can get from 5 to 15 more bushels wheat per acre and corresponding increases in other crops. The book is full of pictures and tells all about the wonderful Simplex System of Spreading Straw. Simply send name today to Mr. Rice for his valuable free book.

WHEN WRITING TO OUR ADVERTISERS DON'T
FAIL TO MENTION FARMERS MAIL AND BREEZE



Irrigation by Flooding Between the Rows is Helpful in the Summer Months, Especially When Followed by Careful Cultivation.

Capper Poultry Club

They'll Come to the Fair, Full Force, This Fall

BY BERTHA G. SCHMIDT
Club Secretary

YOU WON'T find much to interest you in Linn county. They're all 'dead' down there. No big towns, no business, no anything." That was merely the opinion of a traveling salesman. I knew from the way he talked that he was a pessimist and that in Linn county I was going to find all kinds of agricultural progress—co-operation between town man and farmer for road building and for elevator projects, better homes and larger crops. Of course, I knew it, for were not Linn county Capper Poultry club girls as full of pep as any in the state?

But I'll reserve telling about these big enterprises for other times. Just now I'm going to tell you about the Linn county poultry club girls. They're planning to come to the big annual meeting of Capper Poultry club members at the Topeka Free Fair this fall full force if possible. And to that end they announced a free for all picnic in all the country round. Telephone lines were kept busy for weeks before. The aid of the local press was sought and everyone learned that there was going to be a picnic in Clark's Grove with a fine program of music and talks, contests and a baseball game.

"It can rain all it wants to after the picnic," said the club girls, "but we say 'no rain before the picnic.'"

And then the very day before, it "upt" and rained, as the little boy said. Rained and rained and rained, altho there had been no rain for weeks and weeks. The corn looked fine, but the roads! Oh my! Motor cars skidded along or made deep ridges in the mud. Horses, buggies, spring wagons and surreys were pressed into service, and by afternoon a crowd of between 300 and 400 had gathered. There was picnic dinner aplenty for those who were present at noon—fried chicken, pies, salads, fruits, the most delicious cake that melted out of pure delight in pleasing almost before it reached one's mouth. Good as the chicken was, no purebreds figured among the fry's, for Linn county girls are stingy with their purebreds. Never are father and mother or big sister or brother permitted to catch one of them to sell on the market or to use at home, for purebreds are valuable and they're going to swell the bank accounts of the girls this fall.

All afternoon the crowd kept coming and coming, despite bad roads, and those 40 gallons of ice cream, those 40 dozen lemons for lemonade, those great sacks of candy and those bags of peanuts grew fewer and fewer. "It's for the poultry club," Linn county folks said, and in Linn county folks' estimation there's nothing that quite equals the Capper Poultry club. So began the Linn county fund for the visit in Topeka September 8-9-10, when

Capper Poultry club girls from all over the state will hold their annual meeting, attend the fair, be guests at a big banquet for Capper boys and girls and see many sights.

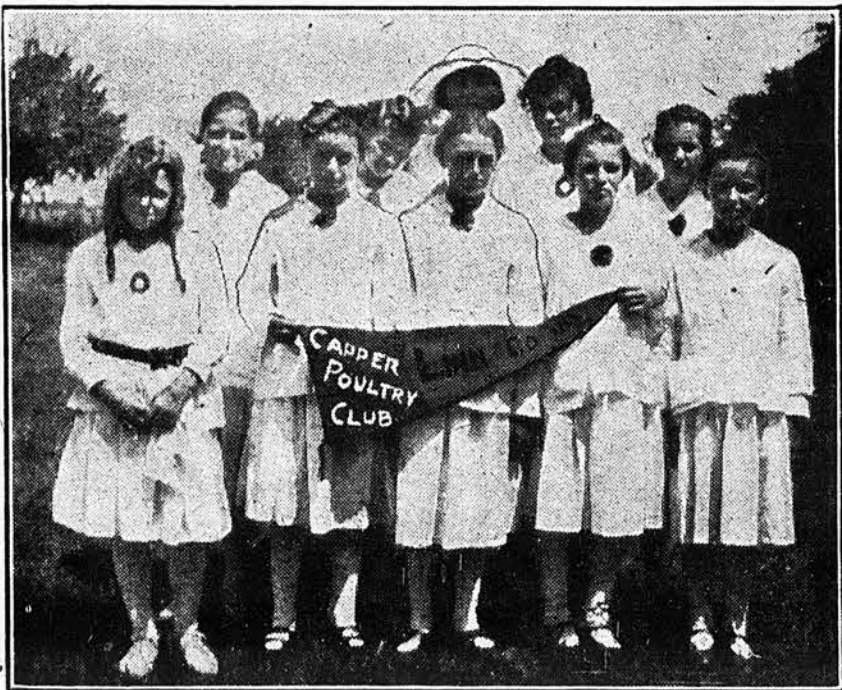
In the afternoon there were talks by little folks and big folks. There were poultry demonstrations, in which members of the club took one of their purebreds to the platform, pointed out its good points and told why they thought their particular breed of chickens best. There was a pretty drill by club girls in which the Linn county pennant played an important part. No feature of the program surpassed the talks given by a father and a mother telling why the club work was worth while. Mrs. Clarence Horton, Hazel's mother, said her little girl had taken no special interest in chickens before she joined the club, but now she values her Light Brahmas as much as if they were of solid gold, and they bring returns in gold, too, for Hazel sells at breeder's prices, while her mother sells on the market, all except the Black Langshans which she has added to her stock this year. E. E. Howerton, Elva's father, told what the club means to him and to other parents, how it has brought folks of the community together, created friendships, increased co-operation and taught the girls lessons in unselfishness.

Unselfishness is one factor in which Linn county girls excel. If differences come up, as they are bound to in all organizations, for no two of us are just alike, these differences are readily settled and the girls agree to agree. "Bring me some pins and I'll fix your sash," I said to a little 6-year-old in whose home I was a guest, and so she brought three, telling me that was all there were on the tray. "Oh, well, we don't care whether big sister or anyone else has any, do we?" I said in fun. But the little girl was very serious and answered "Oh, yes, I do, 'cause I don't want to be selfish."

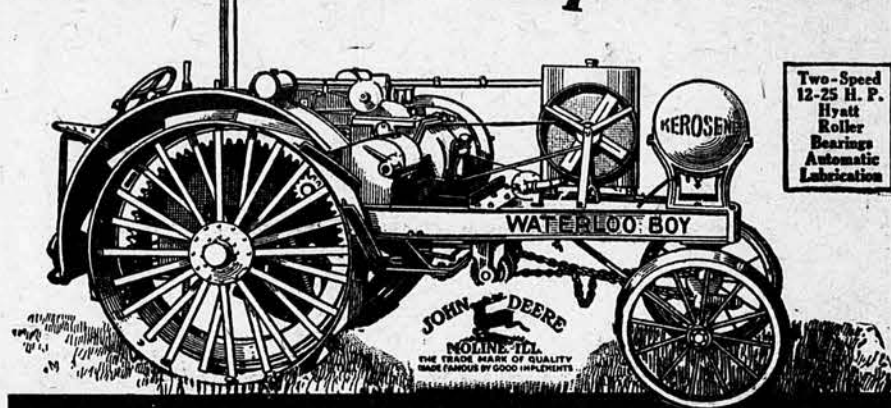
That's the Linn county spirit and it's the spirit everywhere when club work is at its best. Profits, business training, self confidence, better poultry and more poultry are all results of club work and they're big results, but bigger and better than any of these is co-operation, that desire which club girls have to help each other, and sometimes to deny themselves the satisfaction of seeing their own plans carried out if it proves better for the good of all to do things another way.

Fun is never lacking at Linn county meetings. H. E. Featherston, Iva's big brother, announced the contests for the picnic. There were egg and potato races for the girls, a sack race for the boys, a rooster race for the mothers and apple bobbing for the fathers. My! What fun they were for everybody.

(Continued on Page 25.)



Meets All Power Requirements



WATERLOO BOY ORIGINAL KEROSENE TRACTOR

Experience has demonstrated that this three-plow tractor, with 25 H.P. at belt is the ideal "general utility" tractor for any size farm. Its light weight, simplicity, great durability, ample power and economy give it

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Discriminating buyers are choosing the Waterloo Boy because of its demonstrated success in the hands of users under all conditions; because it is built and fully guaranteed by a responsible manufacturer; because of its dependability in emergencies, unusual fuel economy, and because conveniently located distributors insure prompt and courteous service when needed.

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Geo. W. Brending, Milford, Ill., writes: "Your tractor has given complete satisfaction. I plowed seventy acres in eight days with a three-bottom John Deere Plow; did most of my discing with it using two 18 in. wheel discs at all times. Kept close record of operating cost—\$2 per day paid for all fuel and lubricating oil when doing a full day's work."



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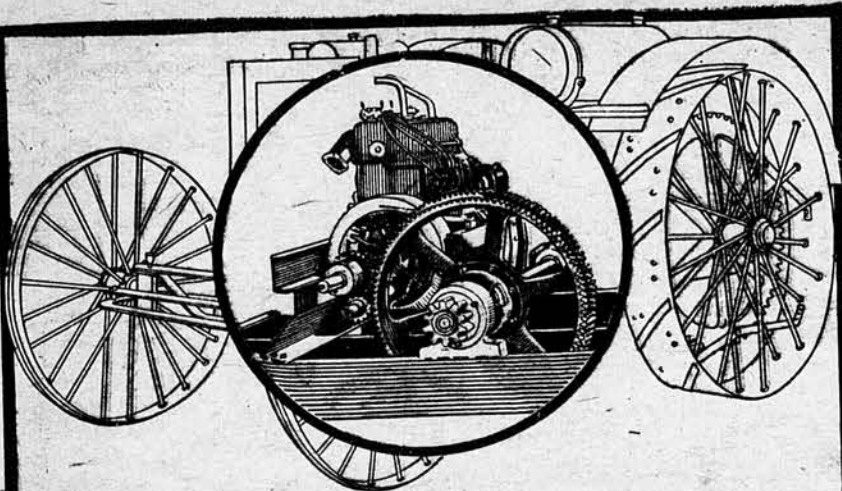
The Bartlett System gives practical instruction on real automobiles and tractors with tools. Mine is the first and largest mechanical school in the Southwest and has remarkable success. Bartlett Graduates know their business. No books used. Expenses low. Illustrated book, "The Way to a Better Job" explains everything. Ask for a free copy. Write me personally while your mind is made up. A postal will do—D. T. BARTLETT, President.

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Makers also of the famous Huber Junior Thresher.
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Weight 5,000 pounds;
pulls three 14" bot-
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Farm Engineering

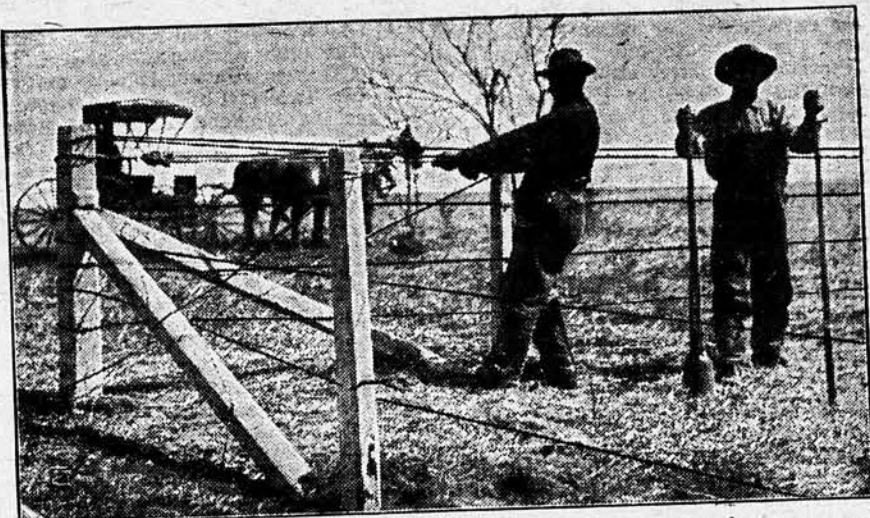
BY C. E. JABLOW

Using Cement on the Farm.
Permanent Improvements Valuable
Kind of Gravel Required.
Proper Proportion of Ingredients.
Best Method of Mixing Materials.
Setting Mixture in the Forms.
Many Free Bulletins are Available.

MOST of us understand the character of concrete, but many do not realize the advantages that may accrue from its extended use on the farm. There is, perhaps, not a single farm, but that could be benefited by the judicious use of concrete. The durability of concrete is its most important quality and if properly made, we can say the job is everlasting in a

visualize the improvements that suggest themselves to him and if possible try to imagine the comfort and satisfaction that would result to himself and his family. If earnest thought is given to this, it is safe to assume that the improvements will result, when the time comes that farm work is not so pressing.

Concrete is usually a mixture of cement, sand, broken stone or gravel and water. Sometimes a small amount of oil is added to the mixture when water-proofing is desired, altho a rich concrete may serve the same purpose. In order that a job be successful, care



Cement Posts are Durable and Economical. Many Farmers in Kansas, Oklahoma, Missouri and Nebraska Have Found These Posts Satisfactory.

great many instances. It is practically a solid stone, easily shaped into any desired form. It would be impossible to enumerate all the uses of concrete on the farm, but it can be said that it usually can be used in all stationary construction where brick, stone, timber or steel is used. It is applicable for barn, cellar and porch floors, walks, steps, fence posts, cisterns, watering and feeding troughs, culverts, dams and many other things.

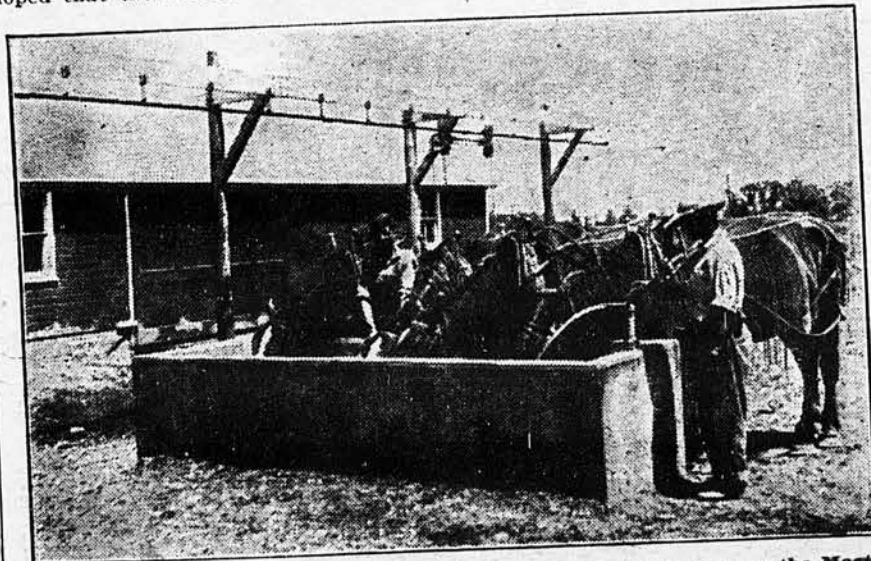
Any normal man who sees clearly the possibility of future large returns, will not hesitate upon a comparatively small investment. There is scarcely a doubt, that a coat of paint applied to a dwelling will raise its selling price, beyond the additional cost of paint and labor. It is also true and perhaps to a greater extent, that a good substantial concrete walk leading from the road to the house and good concrete steps to the porch and perhaps also a good fence around one's property, increases the value beyond the original cost and effort.

In planning any improvement, consideration should be given not only to the first cost, but also to the probable life. With these factors in mind it usually can be shown that concrete construction is a good investment. Again it is hoped that the farmer will attempt to

must be exercised in the proper proportioning of each of the ingredients mentioned. More will be said on this point later. The stone used should be of a hard variety, such as granite, hard limestone or gravel. Soft limestones, slate and shale are not suited for good concrete work that will last thru the years. The size of the stone for small work should range from 1/4 inch to 1 inch. That is, stone passing thru a 1/4 inch screen or retained on a 1-inch screen should be rejected. For large masses of concrete the larger sizes may be as great as 3 inches and frequently in such large work, blocks of stone are imbedded while the concrete is being placed.

The sand used should be clean and coarse, free from clay or loam or dirt of any sort. By rubbing the moist sand in the hands, loam can be detected by the film of sticky matter which adheres to the fingers. A test that has been suggested in a government bulletin for the determination of the clay and loam content, is to place 4 inches of sand in a glass pint jar and then fill with clear water to within an inch of the top. After shaking vigorously for ten minutes and allowing the contents to settle, the clay or loam showing on top should not be more than 1/2 inch. The less of course

(Continued on Page 22.)



Drinking Troughs Made of Concrete are Permanent and Always are the Most Economical When Final Cost is Taken into Consideration.

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ALL-KANSAS PEACE JUBILEE
Honor to those who joined the colors. Monday, American Legion Day. Tuesday, 35th Division Day. Wednesday, 89th Division Day. Thursday, Armistice Day.

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Four state swine futurities. Big showing of Kansas bred draft horses. Finest beef and dairy herds from sixteen states. More sheep and poultry than ever shown before.

AUTOMOBILE RACING
World's champions in thrilling speed events on the fastest dirt track in the west on Friday and Saturday.
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BOYS' AND GIRLS' CLUBS
Bee clubs, bread-baking clubs, canning clubs, garden and corn clubs, pig and poultry clubs—all are given merited recognition. An entire building devoted to 5,000 boys' and girls' exhibits.

FARM, GARDEN AND ORCHARD
Remarkable exhibits which bid fair to establish a standard of excellence which may never be equalled.

CULINARY, ART AND TEXTILE
Cookery, pickling, preserving and canning results will be myriad. Art on china, canvas, and in photography. Needlework, knitting and garment making.

HORSE RACING
Horses from the best stables of 1919 will contest for \$8,000 in money in trotting, pacing and running events.

BATTLE OF ST. MIHIEL
The night show is an intense spectacle, depicting the Battle of St. Mihiel. A stage containing 22,000 square feet, 300 costumed performers, seven hippodrome and circus acts.

THE WORTHAM SHOWS
Fortunate, indeed, is the management in presenting this great aggregation of entertainers, which throughout the entire week will give twenty of the greatest individual shows seen at any Fair.

PHIL EASTMAN, Secretary

TOPEKA, SEPTEMBER 8, 9, 10, 11, 12, 13

Jayhawker's Farm Notes

BY HARLEY HATCH

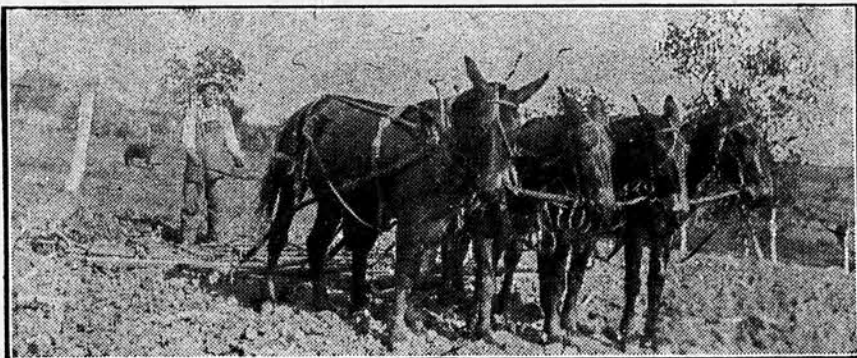
Wheat Acreage is Reduced.
Rotating Crops is Beneficial.
Dry Weather is Injuring Corn.
Wheat Averaged 20 Bushels.
Plenty of Rough Feed This Year.
Tricks of Real Estate Men.
Banker's Advice is Safe Guide.

NOT much plowing has been done in Coffey county yet except by tractor owners and even they are not plowing so much as usual for not many farmers are planning on so big an acreage of wheat as was sown last fall. Much of the land has produced two crops of wheat and some three, and it is time for a change. Many also think that wheat will have to bear the brunt of the attack of the lower price agitators next year, and in that event they do not wish to serve in the front defense ranks.

Our plans for this fall include sowing 38 acres of wheat, 25 of which are now in standing corn. We will cut this corn, put it into big shocks, double disk the land, harrow it and drill in the wheat. As nearly half this corn land was manured last spring it ought to give wheat a good start. Altho

our main field next week. We would have been glad to put this hay up two weeks ago but had to wait on a baler, and considered ourselves fortunate to get one when we did. There are a number of small patches of native grass on this farm which always produce good hay, and we have them cut and in the stack. We have not barn room enough this year for our hay, the alfalfa takes up a good part which was always reserved for prairie hay before. A large part of our hay will be for sale later as we shall have more rough feed than the stock can eat. The corn made a good fodder growth, and this must all be cut to make room for wheat. This gives us more rough feed and hay than we possibly can use.

The north half of the barn was filled with alfalfa some time ago and the south half was nearly half full. The north half has now settled and will hold a large part of that in the south half. We have just moved the trip on the hay carrier from the end of the barn to just above this hay which we wish to move. We also



Here is a Kansas Mule Battery in Action Preparing the Ground for Next Year's Wheat Crop Which Will be a Record Breaker.

it is some trouble to sow wheat among the shocks yet I like to change the land, and sow wheat where corn grew this year and plant corn where wheat grew. If it continues dry a better seedbed can be made in the corn ground than on fresh plowing.

A trip thru the corn this week for the first time since it was laid by disclosed good corn in the bottom and part way up the slope, but on the higher ground little except fodder will be harvested. Corn looks better now than it will later when it begins to dry up, but with this fact in mind I should judge that our corn will make about 15 bushels to the acre on the 25-acre field. This means about 30 bushels on the bottom and nothing on the hill. It is most fortunate that nearly all the cultivated land in this part of Kansas was in small grain this year, for there are many upland cornfields in which little except fodder will be harvested.

We have no reason to complain, however, when all the crops make good with the exception of a limited corn acreage. Wheat has made a 20-bushel average in this neighborhood with virtually none selling for less than \$2 a bushel, and most of it for more than that figure. Oats are equal in yield to the best producing sections of Iowa and in quality and weight, are better. The oats that I have seen threshed this week yielded from 37 to 42 bushels to the acre with an over-run in weight of 4 pounds to the bushel. Two crops of upland alfalfa hay were harvested here by August 1 which made an aggregate of more than 2 tons to the acre with a chance for another crop. Prairie hay made 1 ton to the acre, and pastures provided plenty of feed which is now at just the right stage to lay on weight. Potatoes were rather better than an average crop, and the recent showers give promise of a fair grain yield from the kafir. Altogether we have no cause for complaint when we consider that our land is not capitalized at so high a rate that even good crops will not pay the fixed charges.

We expect to bale the prairie hay on

missioners and the state engineer made a wise choice but in this we are not alone for fully two-thirds of the people wished this road established as it served by far more population than any other road which could have been laid out.

A friend living in this county received an offer a short time ago from Northern firms to trade him 160 acres in Wisconsin for his farm here. Our friend, knowing there was much good land in Wisconsin, was impressed with the offer, and took the train to look at the Northern farm. On arriving there, he was taken in charge by two real estate men who showed him the land, and told of its good qualities. It looked all right and our friend could see nothing wrong, but noticed the way in which the land men stuck to him. One or the other was with him all the time and he could get no word alone with other persons. One of the real estate men remained at the hotel until after midnight, and left only after he was assured that our friend was going to bed. But they did not get up quite early enough in the morning, as our friend is a farmer and so was out very early. Once on the street he questioned several men whom he met but they were not inclined to say anything that might spoil a deal for a fellow townsman. One old man finally told him there was much good land around the town but that if he wanted a farm he would find it best to get one west of town rather than east. The farm for which he was trading lay east of town.

Dodging the land agents until the banks opened our friend entered one and said he was about to buy the farm in question and asked whether it was possible to borrow any part of the purchase price with a mortgage on the land as security. The banker twisted around considerably and then said that he regretted to say that just then they could lend no money on the land mentioned. Additional inquiries brought out the fact that the land was very sandy, as it was underlaid with quicksand and lacked drainage. But the banker said that after a man had lived on the farm for a time and had it supplied with livestock and had proved that he was worthy of credit it might be possible for a small loan to be arranged. The next walk our friend took was to the hotel where he got his baggage; the next was to the station where he procured a ticket for Kansas, and he is here today. The moral is, if you are trading in a strange country it is better to know what money can be borrowed on the land before making the trade. Money talks, so it is said, and if you can borrow plenty of money on a tract of land it is likely to be all right. If not, let it alone.

"Father," said the sharp, small boy, "I saw a deaf and dumb beggar in the street this morning and he had an impediment in his speech."

"A deaf and dumb man with an impediment in his speech!" exclaimed father. "Don't talk nonsense, Lancelot." "But he had, father," insisted the boy; "one of his middle fingers was missing."

Grape-Nuts

A Compound made of Wheat, Barley, Salt and Yeast.

GRAPE-NUTS

is a notorious knocker of ill-health! **TRY IT.** It contains the vital mineral elements and all the nutriment of wheat and barley.

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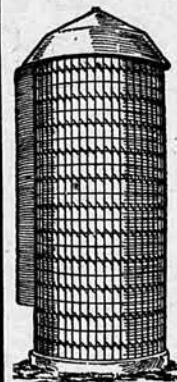
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2, 3, 4, 6, 8, 12, 16, 22 and 30 H.P.

LOW PRICES

Don't wait if you need an engine for any purpose. NOW is the time to buy. **Life Guarantee Against Defects.** Big surplus horse-power. Above price includes engine complete on skids, ready to operate when you get it. Safe delivery guaranteed. Immediate factory shipment. Write or wire for big, new catalog of these wonderful engines.

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Turn Your Corn Crop Failure Into Big Dividends!



With one of our **LOCK-JOINT CEMENT STAVE SILOS** you can turn your \$12 an acre corn fields into wonderful stock feed, worth \$80 to \$100 an acre! Silos all ready to ship—and can be erected in one to two days by our experts. Most durable and cheapest—guaranteed for 5 years. Write or wire for catalog and details.

The Interlocking Cement Stave Silo Company
Bitting Bldg. Wichita, Kan.

SAVE 40 to 50% On Your TIRES

That's just what we mean. Our tires are not seconds. They are rebuilt and reconstructed and absolutely guaranteed for 4,000 miles.

30x3...	\$ 9.75	32x4...	\$16.00
30x3 1/2...	11.25	33x4...	16.90
32x3 1/2...	14.00	34x4...	18.00
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Quotations on larger sizes on request
Write today

Kansas City Tire & Supply Co.,
1315-17 E. 15th St., Kansas City, Mo.



Special Reduced Summer Prices

We sell a 7-line, 26-inch high, close mesh hog fence—30 stays to the rod—all heavy galvanized, for 33 cents f. o. b. Fort Madison, 35 cents f. o. b. Stillwater.

Other styles equally cheap—all guaranteed. Write today for free circular and prices delivered at your station.

UNITED FENCE CO. OF STILLWATER
Offices and Factories:
339 Main St., Stillwater, Minn.
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TREES Fall Is The Best Time To Plant,

if you want a good growth the first year. Remember that our specialty is **Trees fresh from the ground** to the planter. We do not use the **COLD STORAGE SYSTEM**. Write us at once for our catalogue and special mail order prices.

THE CALDWELL NURSERIES, CALDWELL, KAN.

\$22.00 Sweep Feed Grinder | **\$28.00** 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.,
610 E. Seventh Street, Topeka, Kansas.

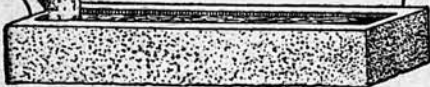
A Better Trough

A concrete water trough saves repairs. The Sun will not harm it—neither will it rot nor decay, rust nor warp. For a better trough, use

ASH GROVE
Superfine
The Stronger Cement

Ground extra fine. Tested hourly to insure uniformity. Exceptionally strong and economical.

Ask your Dealer



Tire Agent

We want one exclusive representative in each locality to use and sell the new Mellinger Extra-Fly, hand made tires. Guarantee Bond for \$5000.00. (No second). Shipped prepaid on approval. Sample sections furnished. Don't buy until you get our Special Direct Prices. Write Mellinger Tire & Rubber Co., Kansas City, Mo. 827 Oak St.

Smallest Bible on Earth

This Bible is about the size of a postage stamp and is said to bring good luck to the owner. Sent free if you send us two 3-months' subscriptions to the Household at 10 cents each. Magazine contains from 20 to 32 pages of stories and departments monthly. Address **HOUSEHOLD, Dept. B.14, Topeka, Kansas**

Gold Plated Flag Pin Free

Flag Pins are now being worn by all patriotic American Citizens. Get in line and show your patriotism by wearing one of our Gold Plated, enameled pins which we send for only 10c to help pay advertising expenses. **Jewelry House, 137 Eighth St., Topeka, Kan.**

PERFECT GRAIN STAND GUARANTEED

CLEAN SEED INSURES SUCCESS

BY W. W. BURGESS

You can guarantee a perfect stand of wheat, oats, alfalfa or any other grain or grass by planting perfect seed free from dirt, chaff and weed seed.

The triple service Simplex Mill, made by a large and well known Kansas City manufacturer, cleans, grades and separates all in one operation. It is fully equipped with screens and riddles made especially for the seed problems of this section—wheat, oats, rye, corn, barley, peas, beans, flax, alfalfa, millet, timothy, clover, broomcorn, kafir, grasses, etc.

The SIMPLEX is manufactured by experts who have spent a lifetime in the seed and seed cleaning business. The most modern labor saving machinery and big output make prices lowest.

L. D. Rice, who has spent a lifetime in perfecting the Simplex is willing to ship you a mill without a dollar in advance for 30 days' FREE TRIAL and easy payments if you want to keep it.

A postal card will bring full description and the Company is willing to ship a SIMPLEX to you for 30 days' free trial. If mill is not all claimed for it, it can be returned and freight will be paid both ways. Address Simplex Spreader Mfg. Co., 203 Traders Building, Kansas City, Mo.

Be sure to write immediately in order to take advantage of their special offer.



The wonderful Simplex Mill which will be shipped to you for thirty days Free Trial.

FACE POWDER

A box containing a generous supply of high grade face powder sent free and postpaid to all who send us only 10 cents for a 3-months' subscription to the Household, a magazine of from 20 to 32 pages monthly, containing stories, fashions, fancy work and recipes. **The Household, Dept. F.P.A. Topeka, Kan.**

Capper Pig Club News

Hooray for the Pep Meeting—September 8-9-10

BY EARLE H. WHITMAN
Club Manager

Who are, who are, who are we?
Capper Pig club boys, you see;
Rah rah rah, sis boom bah,
Capper Pig club, rah rah rah!

Yes, that's the way we're going to yell it at the big Capper club pep meeting during the week of the Kansas Free Fair at Topeka. The three days to be devoted to entertaining Capper pig and poultry club members will be September 8-9-10.

There'll be something doing all the time club members are in Topeka. Monday, September 8, will be registration day. We hope as many boys and girls as possible will reach Topeka that day. We'll meet you at the depot if you come by train and aren't acquainted with the city. However you travel, tho, the first thing is to come to the Capper Building at Eighth and Jackson streets for registration. After being shown your lodging place, you will have an opportunity to run out to the fair grounds for a first peep at the numberless interesting sights at the big free fair. Monday evening club members and their folks are invited to a theater party. Whether it will be a "movie" or "a real show" will depend on which is likely to be the more interesting.

Don't Miss the Second Day

Tuesday will be "fair" day for Capper folks. In the morning we'll have a business session which every club member should plan to attend. We'll take part in a big parade after dinner, and right there is where Capper boys and girls will let folks know they're out to win. I hope every county which has adopted a uniform will appear in full dress, and I want banners and club colors all along the line. After the parade there will be free admission to all club members to the grandstand to see the races. And what boy or girl doesn't like to watch a good horse race? Tuesday evening the big event on the program will be the wonderful spectacle, "The Battle of St. Mihiel and Peace Jubilee."

Wednesday morning will be spent in a second business session until time for the photographer to take a "shot" at the best looking gathering of Kansas folks he ever had a chance to tell to "Look pleasant, please." A street car ride to Gage Park, with a ball game played by Pig club boys after you've seen the many interesting features of the park, will take care of the time up to the banquet that evening. That banquet will be a fitting climax to three days of going "on high." I hope there will be a record breaking crowd of Capper Pig and Poultry club boys and girls with all their folks who can come to share in the evening's "eats" and entertainment. On the program of speakers will be Governor Henry Allen, a man club folks will hear with interest; Tom McNeal, whom pig club boys always greet with never-failing enthusiasm; John F. Case, the right hand man of Arthur Capper in organizing and making the Capper clubs successful; Bertha G. Schmidt, friend and "pal" of Kansas girls; a poultry club mother and a pig club dad to tell us how the older folks like club work; short talks from leaders of some of the counties which are near the top in the race for the trophy cups.

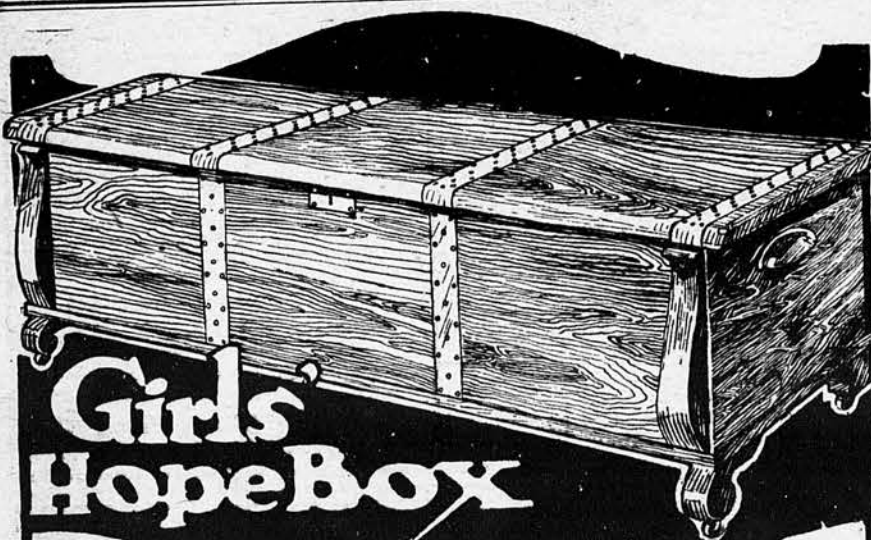
Now, don't you think you'll be missing something worth while if you don't visit Topeka for the pep meeting? Interest in this annual event grows stronger every year, and if the beginning of school did not interfere, I believe this year would see the largest and most enthusiastic group of Capper club folks ever gathered together. If your folks are willing, why not arrange to attend this meeting, even if your school does begin that week, and make up the work afterward? I'm sure your teacher will agree that there is a real educational value in a visit to the Kansas Free Fair.

We haven't been talking much about club meetings recently, but if you could read the many interesting letters I get from hustling county leaders and their teammates you'd not think the fight for the pep trophy is slowing up any. Indeed, it's becoming hotter, if that's possible. So many meetings are held that I can't tell about all, but I wish to mention two that occurred recently.

The Lyon and Osage Pig club teams held their annual picnic August 12 at Emporia. The picnic grounds were made just for such good times as club members and their folks always have when they get together. Swings, croquet ground, ball diamond and other amusements kept everyone interested until the principal event of the day—dinner—was announced. After a very creditable showing had been made in the great pile of good things Lyon and Osage county mothers had provided, an interesting program was enjoyed by everyone present. Then the two counties tangled in a game of ball. Each team had to be filled up with outsiders, but when a threatening storm put an end to the game the Osage boys had the long end of the score—perhaps because Club Manager Whitman played on the Lyon team.

Pottawatomie Plans a Sale

One of the most interesting features of the Capper Pig club this year is the movement to hold county sales. No county has made greater progress in this direction than has Pottawatomie, so when the annual picnic of Pottawatomie and Riley county pig club boys and their folks was held August 21, the county sale was much discussed. Arrangements have been made with the management of the Onaga Fair which is to be held the latter part of September whereby Capper Pig club boys are to show their hogs in competition for prizes, then hold a sale during the fair. But the enthusiastic plans for this sale weren't the principal part of the picnic. Oh no! No picnic is successful unless the "eats" are plentiful, and judged by that standard the Riley-Pottawatomie meeting was one of the best. Fried chicken, salads, baked beans, pie, cake, ice cold cantaloupes, ice cream—um yum, doesn't that sound good? Yes, the club manager was there; that's why he is so sure everything hit the right spot. And whenever boys, young or old, get together on a summer afternoon, the occasion doesn't end right unless there is a ball game. This time the dads played the boys, and while the game was cut short because the club manager had to catch a train that refused to wait, the dads won 9 to 3.



Girls Hope Box Free

Girls Here's Your Chance

To get a splendidly designed and carefully constructed, Red Cedar Chest, ABSOLUTELY FREE. This beautiful chest is made of ¾-inch, Solid, Tennessee, Red Cedar, fitted with brass-plated Tumbler lock, hinges, lid-stay, lignumvitae casters, and cedar handles. Moth, mice, dust and damp proof. Air-tight lid construction. It is 48 inches in length, 20 ½ inches wide, and 18 inches high, and made of the treasured wood of our Southern Mountains. Just the thing to pack away your costly clothes, furs, woollens, bed linen, fancy work, and such things. It is also an article of furniture as rich, rare and elegant as can be found in any girl's home, and we send it to you ABSOLUTELY FREE.

Join the Hope Box Club

We are going to give away absolutely FREE of charge a Tennessee Red Cedar Chest in connection with our big introductory offer. All I ask of you to join my Hope Box Club is to distribute four big, beautiful, patriotic Peace Pictures—Wonderful. They are going like wild fire. It's easy—you can do it in an hour's time. Every member of this club will receive a GENUINE GOLD FILLED SIGNET RING just for promptness in joining the club. Fill out and mail coupon TODAY—RIGHT NOW.

Mail Coupon Today

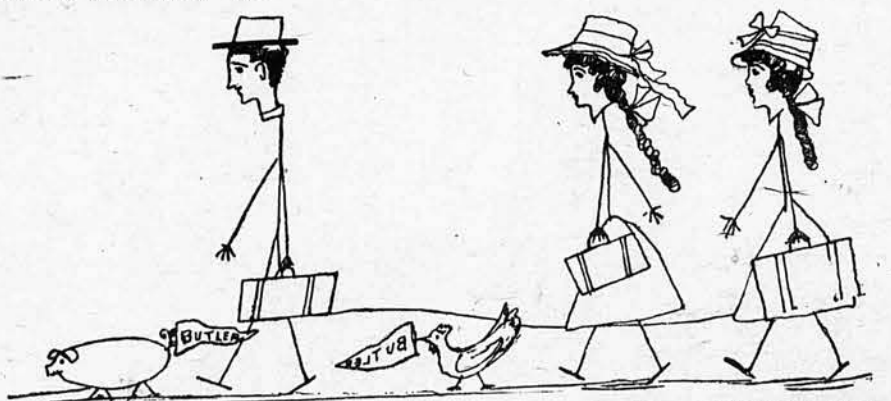
Act Now
Today
Quick

Alice Rogers,
400 Capper Bldg.,
Topeka, Kansas.
Dear Madam:
Please send me the
four pictures to distribute.
I want to be a member of
your Hope Box Club.

Name

St. or R. F. D.

Town State



"Going to the Fair!" This is the Way It Looks to the Pig and Poultry Club Editors of Butler County "Squeals and Cackles."

For Our Young Readers

What They Saw While Traveling This Summer

BY THE BOYS AND GIRLS

OUR TRIP from St. Louis to Pueblo was a most enjoyable one. We left St. Louis Sunday morning at about 6 o'clock in our car. We were very lucky the whole way as we had only one puncture.

We would ride and ride as long as we could and then we would stop and try to hunt some rabbits. We caught more than 20 of them. We did not want to make a fire and fry them, so we gave them to some friends with whom we stopped on the way. They gave us some corn, watermelons, muskmelons and ever so many things. There were so many that we could not eat them all.

We went bathing in a little brook on the way.

When we finally came to Pueblo, we were all worn out and could not do anything. *Magdalene Vidmer.*

Pueblo County, Colorado.

Traveling in His Own Car

Papa made my car for me. It has a lot of new things on it that papa has on his car.



I am 6 years old and live on a farm near New Salem, Kan.

Emery Savage.

Cowley County, Kansas.

A Visit to Grandpa's

One evening we had been away visiting and came home rather late. When we got to the house we discovered that my uncle from Iowa was waiting for us.

That evening he asked mamma if she wouldn't take a trip to Iowa to see my grandparents while he stayed with papa, and she said she would.

The next morning we three children and mamma started on our journey. I can remember crossing rivers and seeing lots of beautiful scenery.

When we arrived grandpa was at the station to meet us. Then we had a pleasant drive to their home.

It was summer time and there were lots of fine juicy apples to eat, and bluegrass to turn summersaults on, and one day we went to gather nuts. We children went wading in a little gravel-bottomed stream, and oh, it was the best time that we had!

We were there two weeks and then we were sorry when we had to leave all those fine apples! But when we got home we were surely glad to see home and papa again!

Doris Dewey.

Republic County, Kansas.

Yes, They Got in the Mud

One day last August, my father, mother, sister and I started on a trip to Omaha to visit my uncle. We left at 5 o'clock in the morning and arrived there at about 6 in the evening. We drove until noon and stopped and ate our dinner under a large shade tree by the road. We rested about an hour, then we resumed our journey. It was a tiresome trip and when we arrived at our uncle's house we looked like tramps.

When we reached Uncle Jim's we found that he was at work in his shop. When he came home he was greatly surprised to see us.

We stayed there two days and went to visit my other uncle at Millard, Neb. They were also surprised to see us. We stayed there three days. Then we went back to Omaha with them. After that we started home.

About 3 in the afternoon we got caught in a rain and on this side of Falls City we slid off into a ditch. When we got out we went on in the mud about to the axle of the car, for

about 5 miles. We had to stay at Hiawatha all night. Then mamma, my sister and I went to Lancaster on the train. The train was four hours late. Papa was at Lancaster waiting for us when we arrived there. Then we drove on home. Omaha is 168 miles from our place. I had a good time but I was glad to get home. We arrived just in time to eat muskmelons for my sister and brother had just gotten some.

Cecil Clements.

Atchison County, Kansas.

Some Rough Roads

Lebanon, Kan., is 60 miles from our home. We left home in our car at 10:30 in the morning. We reached this little town at 2 o'clock. The roads were good as far as Downs but the rest of the way was pretty rough. We had our lunch at Cawker City. I have an uncle living there, who owns a meat shop.

We left for our home at 6:30 and arrived there at 10:30. *Leslie Funk.*

Mitchell County, Kansas.

Help Mother Make This

Here's a recipe for tomato pickles, which I think very good: Peel 1 peck of ripe tomatoes and sprinkle with 2 cups of salt; then let stand over night. In the morning drain and chop, add 4 cups of celery chopped, 5 cups of onions sliced and 6 green sweet peppers chopped. Next add 2 cups of granulated sugar, 2 cups of mustard seed, 4 tablespoons of cinnamon and 2 teaspoons of cloves; mix all together, then add 2 quarts of cold vinegar and pack in a crock. This recipe makes 2 gallons and keeps fine.

Lydia Symres.

Cherokee County, Kansas.

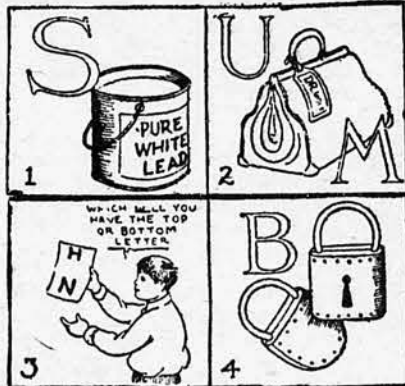
Boys and Girls Will Exhibit

Products of the boys and girls will form an important part of the exhibits at the Kansas Free Fair at Topeka, September 8-9-10. The following divisions of the Kansas boys' and girls' clubs will be represented: bee, bread making, canning, garden, corn, garment making, pig and poultry.

Canning and baking contests will attract much attention. In both instances these contests will be open to one team consisting of three junior members from each of five counties chosen by the club leader to represent the clubs in these demonstration contests. The 10 counties in the state ranking highest in canning club work and the 10 ranking highest in bread club work, according to records and data submitted to the agricultural college at Manhattan, will enter the state championship contests. Half of these will compete at the fair at Topeka and half of them at the fair at Hutchinson.

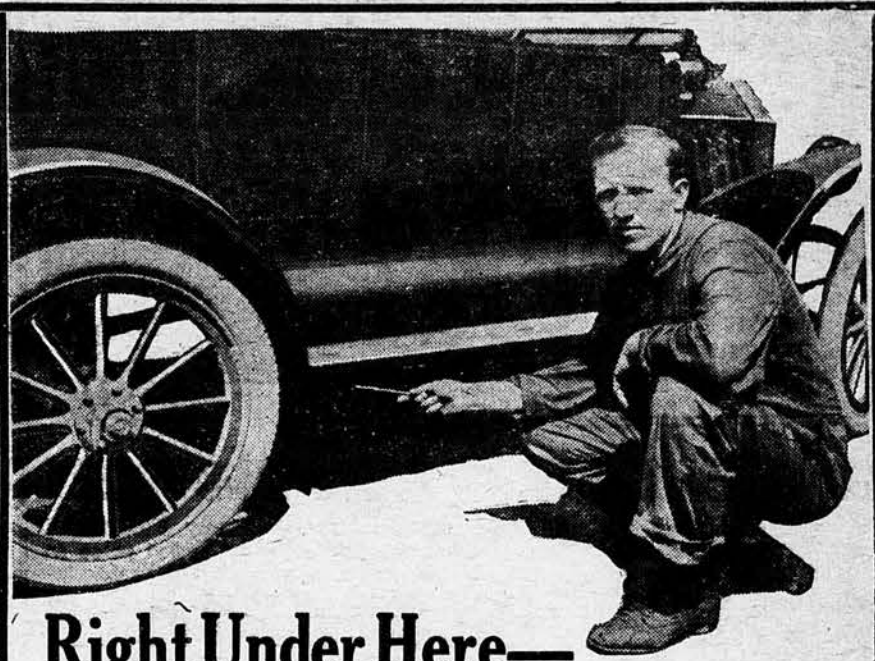
Kinds of Toys

Here are four kinds of toys. If you can guess them send your answer to the Puzzle Editor, Farmers Mail and Breeze, Topeka, Kan. Packages of post-cards will be awarded the first three



boys and the first three girls sending correct answers.

Solution August 9 puzzle—Seven flowers: 1. jonquil; 2. dandelion; 3. forget-me-not; 4. buttercup; 5. phlox; 6. foxglove; 7. carnation. The prize winners: Norma Wells, Calvin Stewart, Leiland Gillani, Julia Shirck, Berenice Slayton, Ellen Fuller.



Right Under Here—

In the Muffler— Is Where Most Of Your Troubles Start

The Muffler is one of the most important, and at the same time one of the most neglected parts of a car. Because it is hidden away from sight folks seldom give it a thought.

If you want maximum Power and maximum Mileage out of every pint of gasoline used it is necessary to keep the Muffler clean. The explosive gases must have free passage, otherwise they will back up, just like the water in a clogged pipe. That means Back Pressure, Loss of Power on the hills, and Loss of Mileage in your gas consumption.

This can be stopped—Install A TABER Combined Muffler and Cut-Out

and you need never worry about your Muffler. The Taber Combined Muffler and Cut-Out is made in different types for Fords, Chevrolets, Maxwells, Buicks and Dodge Cars. It requires no care or upkeep. It allows free passage to the explosive gases and reduces Back Pressure to a minimum. It gives you more Miles and more Power out of every pint of gasoline used.

The Emco Manufacturing Company, Inc.,
Makers of Dependable Products for the Automobile
201 Leroy Street Binghamton, N. Y.

**INSTALL AN
IDEAL KING FURNACE
IN YOUR HOME**

IDEAL KING—the pipeless furnace—does away with cellar and wall pipes requiring only one hole in the floor. Thousands in use during the last 30 years testify to the clean, economical and even heat this furnace produces. Most appropriate for the farm—write for our catalog!

KANSAS CITY FURNACE CO.,
2429 Independence Ave., Kansas City, Mo.
"Furnace Builders for Thirty Years."

**Only \$2 DOWN
ONE YEAR
TO PAY**

\$38 Buys the New Butterfly Jr. No. 2½.
Light running, easy cleaning, close skimming, durable.

NEW BUTTERFLY
Separators are guaranteed a life-time against defects in material and workmanship. Made also in four larger sizes all sold on 30 Days' FREE TRIAL and on a plan whereby they earn their own cost and more by what they save. Postal brings Free Catalog Folder. Buy from the manufacturer and save money.

Albaugh-Sever Co. 2177 Marshall St. Chicago

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GUARANTEED 3,500 TO 10,000 MILES

According to make. Write for our money-saving Price List on leading standard makes. We pay the War Tax.

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Any man, 16 years of age and over, can learn here by daily practice on the greatest mass of Automobile and Farm Tractor equipment ever used for training purposes. Same Method of Practical Training as used to train thousands of Soldier Mechanics, in 60-day Courses. We train you, regardless of education or previous experience. (No colored applications).

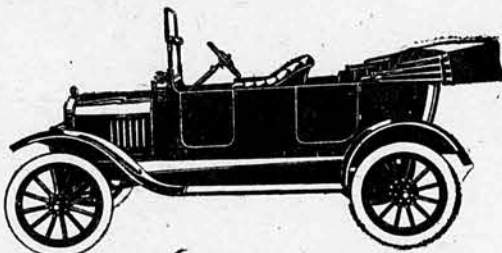
FREE NOW Write today for 7-Day Trial Offer and Big Opportunity Book. State age and occupation.

RAHE AUTO AND TRACTOR SCHOOL, Dept. 2615 Kansas City, Mo.

BOYS! BOYS! GIRLS, TOO!

SOLVE THIS PUZZLE!

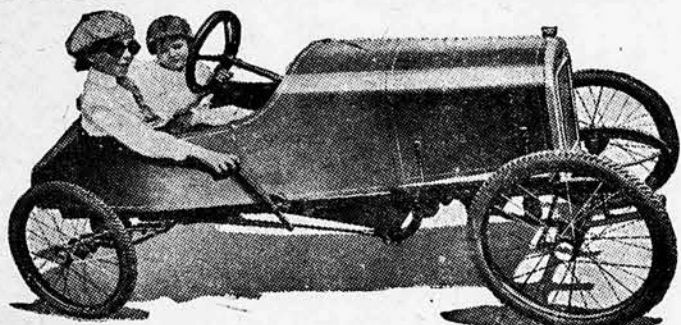
\$1500.00
In Prizes
Given Away
FREE



FORD TOURING CAR "FIRST GRAND PRIZE"

A brand new, fully equipped Ford Touring Car—absolutely FREE and ALL FREIGHT CHARGES PAID will be given as first grand prize in this club. See offer below—Solve puzzle and send coupon TODAY.

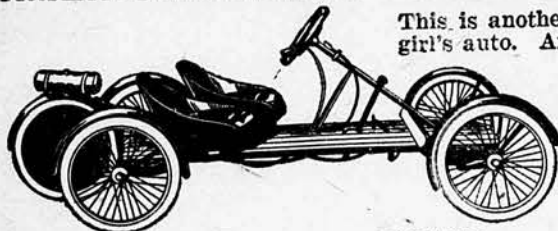
CULVER RACER "SECOND GRAND PRIZE"



Not
A
Toy

but a real gasoline automobile. Built especially for boys and girls. Will run 25 miles on a gallon of gasoline. Specifications and full information will be sent you when we receive your list of words and coupon. Write TODAY.

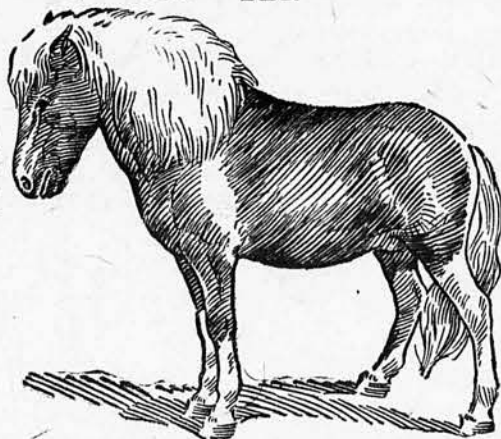
AMERICAN FLYER "THIRD GRAND PRIZE"



This is another dandy little boy's and girl's auto. Any child can run it. No complicated parts and the very little auto that every boy and girl should have. Make out your list of words—send coupon and get full information about it TODAY.

Fred

A beautiful Shetland pony, 4 years old—well broke, perfectly gentle, coal black with white feet, mane and tail will be given as 4th grand prize. Send coupon below—QUICK.



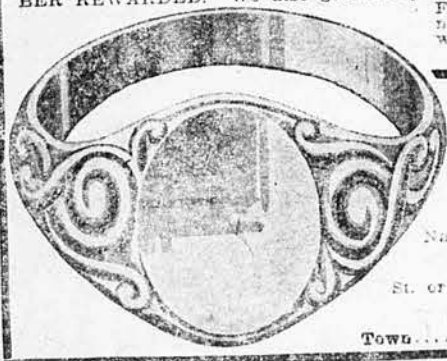
A N O E O Y R S
T F L M I M R A
O O A I N M T O
M O F I A E B L
Y A P B I N O H
G N O S A A O T
T A A C R B O Y
A R M N A N T W

How Many Words
Can You Make?

This is a very interesting puzzle. It is not so hard either—just requires a little ingenuity and skill. The puzzle is to get as many words as possible out of the letters herewith given. Use only the letters given and only as many times as they appear in this ad. For instance, the letter "Y" appears three times, so in all your words you must not use "Y" more than three times. If you use "Y" twice in one word and once in another, you cannot use "Y" in any other word, as you have already used it as many times as it appears in this advertisement. Remember each word you send in must be one that can be found in Webster's Unabridged Dictionary. SEE OFFER BELOW.

OUR OFFER

We are conducting this word contest in connection with a big introductory offer. In addition to the grand prizes listed here, we will give away many more. Gold watches, wrist watches, kodaks, gold pieces, etc. We give 100 votes towards the grand prizes for each word you make. We also give 25,000 votes for joining the club. All you have to do to join the club is to distribute 4 packages of beautifully colored high grade post cards on our special offer—it's easy—many do it in an hour's time. EVERY CLUB MEMBER REWARDED. We also give every member a genuine gold filled signet ring, FREE AND POSTPAID just for promptness in joining the club. Send your list of words and coupon TODAY—QUICK.



Bobbie Maxwell, Mgr.
416 Capper Bldg., Topeka, Kan.

I enclose herewith my list of words. Please send me the four packages of post cards and full information about your club.

Name

St. or L. F. D.

Town State

With the Home Makers

Cabbage is Delicious if It is Not Spoiled in Cooking

BY GERTRUDE SHOCKEY

THIS VERY common vegetable, found in all our gardens, and always obtainable at market, may be quite, if not entirely, spoiled in the cooking, but is almost as delicate as its more aristocratic kin, the cauliflower, when properly cooked. Some varieties also are much more desirable than others. Never choose very large, over-grown heads or those where the stalks are coarse and fibrous as the flavor is not nearly so pleasant and there is much more waste than in the smaller heads.

The watery insipid, yellowish stuff that has no delicate flavor, often found upon many tables arises from the common practice of boiling cabbage 2 or 3 hours which is very useless. Thirty minutes is ample time to cook any cabbage tender. There is no reason why the disagreeable odor of boiling cabbage should fill the whole house, either. Have plenty of salted water boiling rapidly in an uncovered kettle. Put in the cabbage, cut in pieces, a little at a time to prevent the water cooling and push it with a fork under the water every few minutes. Boil rapidly 15 minutes, pour off the water, refill the kettle with salted boiling water and boil 15 minutes longer. Take out the cabbage, drain carefully, put in a saucepan, add salt and white pepper to taste, a teaspoon of sugar, 2 tablespoons of butter and if liked, ½ cup of good cider vinegar. Heat very hot, stirring until the seasoning is well mixed with the cabbage and serve in a hot dish garnished with slices of hard boiled eggs.

Cabbage is delicious when baked in the following way: Cut a firm, white head of cabbage in rather small pieces and boil until tender. Drain, put in a bowl, chop fine, add a well beaten egg to a large cup of rich milk, 2 tablespoons of melted butter and season with salt and pepper, preferably white pepper. Mix this with the chopped cabbage, put in a baking pan and bake 20 minutes, dotting the top with bits of butter.

Fried cabbage is a dish easily and quickly prepared. Shave or chop fine the desired quantity of cabbage, put into a frying pan with salt and pepper to taste and a little hot water. (Be sparing of the water, adding more at any time when necessary.) Cook until tender, then add a generous slice or piece of butter and a little good vinegar. Simmer 5 minutes and serve with thin slices of browned fried pork or bacon. The drippings may be used instead of butter in frying if the pork flavor is preferable.

Scalloped Cabbage—Boil the cabbage 5 minutes in water to which a little soda has been added, drain thoroughly, cover with clean water and boil until tender. Drain again and place a layer, chopped fine, in a baking dish, cover with white sauce made with a cup of milk, 2 dessert spoons each of flour and butter, seasoned to taste. Sprinkle with grated cheese, then another layer of cabbage, a layer of white sauce and sprinkle the top with paprika, grated cheese and brown bread crumbs, with dabs of butter. Bake until well browned.

Cabbage rolls are rather a novelty and delicious. Chop 1 pound of pork, preferably lean and highly seasoned with salt and pepper and the juice of 1 small onion, and ½ cup of cooked rice. Soak 8 large leaves of cabbage in hot water a few minutes to make them less brittle, then roll a part of the meat mixture in each leaf. Place in a kettle with 1 chopped onion, 2 large tomatoes, 2 tablespoons of sugar and

2 tablespoons of vinegar. Add a little water and let stew until tender and well browned.

Cabbage and tomatoes make an excellent salad. Shred a small head of crisp, white cabbage very fine and mix with mayonnaise. Peel and slice 3 or 4 large, ripe tomatoes, arrange on a salad dish and serve with a spoon of cabbage on each slice or two of the tomato.

Peel Peaches Before Drying

Peaches are usually dried unpeeled, altho a superior variety is made by removing the skins. Select peaches for drying which are ripe but not soft. Wash, cut in half, remove stone and place in trays with the pit side up.

Many housewives use a lye solution for removing the skins. Dissolve 2 pounds of commercial concentrated lye in 10 gallons of water. When boiling hot, place the peaches in a wire or wooden basket and plunge into the solution for 1 to 2 minutes, moving the basket up and down to hasten contact with the lye.

Lift from lye when fine cracks or checks in the peel appear. Plunge immediately into cold water and move about to wash off the lye. Remove the skins by rubbing between the hands or with a brush. Wash to remove the adhering lye. Halve, take out pits and place on the drier, cavity side up.

If peaches are dried in the sun, cover with muslin or mosquito netting to protect from insects the same as with other kinds of fruit. In an artificially heated drier the temperature at the beginning of drying should not be more than 120 degrees Fahrenheit. This may be gradually increased to 160 degrees. When the pieces are pliable and leathery and no moisture can be pressed out of the freshly cut surface, the product is sufficiently dry. Transfer from the drier to large, clean wooden or pasteboard boxes and cover with muslin which will admit the air and exclude insects. Place the box in a warm room in a rather dark spot. Stir daily until the fruit is in a uniform condition, after which pack it in permanent containers and store in a dry, airy place.

Apricots and nectarines are treated in precisely the same way.

How About Mother?

Now there's something that just gets me:
It's just a regular bother;
Everyone has a vacation—see?
Everyone—sure—but Mother!

Father—he likes to have week-ends;
He's always somewhere or other—
Fishing—out with a lot of friends;
But—gee!—he never takes Mother.

Sisters—they get two weeks or so;
Only ten days for brother;
You'd ought to see them hustle and go—
Every last one but Mother.

Then, when it gets so hot and close,
It feels like next thing you'll smother,
I'm sent to grandma's or Uncle Joe's—
Nobody home but Mother!

She's always working—both day and night;
She works, but she says she'd rather;
Everyone gets a vacation all right;
What's the matter with one for Mother?
—M. delina Bridges in the Ladies Home Journal.

Three New Dishes

Macaroni with Tomato Sauce and Bacon—Cook 1 can of tomatoes and 1 small chopped onion 10 minutes, strain and put to cook in a pan in which 3 slices of bacon have been browned. Simmer gently while cooking 1 cup of macaroni until tender. Arrange the macaroni on a platter and pour over

it the tomato sauce and finely chopped bacon. Serve with a dish of grated cheese.

Stuffed Peppers Baked—Wash 6 green peppers, remove stem end and pulp, and stand in scalding water 15 minutes. Mix 2 cups of cooked rice and ½ cup of chopped ham and add salt and pepper. Fill peppers with the mixture and place a small piece of butter on top of each. Place in baking dish and bake until browned on top.

Macaroni and Salmon—Remove bones and skin from 1 can of salmon and break into small pieces with a fork. Cook 2 cups of macaroni until tender. Place a layer of salmon in a baking dish, add a layer of macaroni, pour over all 2 cups of tomato sauce and season with salt and pepper. Scatter 1 cup of bread crumbs on top, dot with butter and bake until brown.

Crocheted Coronation Medallion

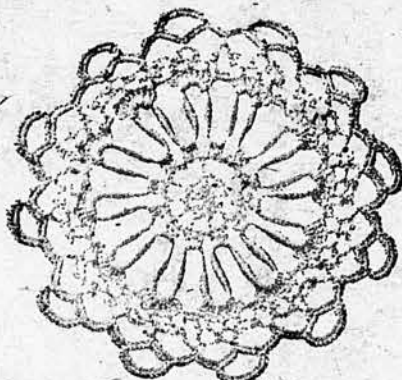
Number 50 crochet cotton was used for this coronation medallion. Each medallion measures about 3¼ inches across from the tips of the outside scallops.

Measure off 24 spokes of the coronation braid, cut, form a circle and fasten.

Inner part: 1st row—3 double crochet (d c—thread over hook once) in each of the 12 loops of the braid, close.

2nd row—Chain (ch) 4, then 1 d c, ch 1 between every 3 d c.

3rd row—1 single crochet (s c) over



every other st. Continue until the center is completed.

Outer Edge: 1st row—1 s c, ch 3, 9 d c over the 1st loop of braid, ch 1, 10 d c over the next loop, repeat around.

2nd row—4 loops of 3 ch over 10 d c, with 3 s c between scallops.

3rd row—Ch 4 over every loop of 3 ch.

4th row—Ch 6, 1 s c over every other loop of 4 ch.

5th row—11 s c in 1st loop, 5 s c in 2nd loop, ch 6, fasten over 1st loop, 13 s c in this new loop, 6 s c in the remaining loop, continue around.

Kansas. Mrs. H. W.

For the Outdoor Sleeper

A sleeper on an unscreened porch may be protected from flies and mosquitoes by a simple arrangement of barrel hoop and netting. Break an ordinary barrel hoop, cut off a segment and stretch the remaining piece from one side of the cot to the other, fastening the ends with small nails to the wooden rail of the cot. Two hoops thus placed about 18 inches apart over the sleeper's head furnish a good support over which 1½ yards of netting may be draped. We are using one of these and know what a comfort it is. Birmingham, Ala. Lee McCrae.

When Buying Snap Fasteners

In buying snap fasteners the better grades always give the best satisfaction. They are made of brass and will not rust. Many of the cheaper grades have an iron foundation which is poorly covered with nickel or japan. These nearly always leave a rust stain when they are used on wash fabrics. The better grades are more carefully finished and therefore are less likely to cut the thread used in sewing them on. The better grades also not only have a better spring, but the socket is shaped like a cup and a side pull does not release the ball.

For holding quality use the ball and socket fastener with the wire spring, but when flatness is more desirable than strength use the press button.

The following sizes will be found

the most satisfactory for the weight of material given, according to Charlotte E. Carpenter of the Colorado Agricultural college:

- Press Button**
00—Laces, chiffon, Georgette.
0—Organdie, voile, light weight silk.
1—Most summer fabrics as percales and gingham.
2—Wools and serges.
3—Heavy materials.

- Snap**
5-0—Laces, chiffon, Georgette.
4-0—Organdies, voile.
3-0—Lawn, silk, light weight waists.
2-0—Linen, cambric, wool waists.
0—Housedresses, light weight skirts.
1—Cotton and light weight wool skirts.
2—Heavy weight wool skirts.
3—Extra heavy material (seldom used).

Belgian Children are Grateful

Men and women in Grant county who have helped the Red Cross send cheer and comfort to the children in Belgium feel fully repaid when they receive such letters of gratitude as the following from a little Belgian girl:

M. Grant Co., Chapter New Ulysses, Kan.
We have just received your generous gift (a piece of white flannel) and we are impressed to you send our most alive feelings of gratitude.

You can be assured that your kindness will not be lost and you will understand easily what sum of courage and sacrifices it has must for resist the German's domination during four years with a familie composed of six persons.

My father was employed on the telegraph of the Belgian state and he travel now always because he will regain all what he has lost for us permit to finish our studies.

I will not tell you in detail all what the Belgians have suffered with this cursed Germans, but if they begin again we will well defend us again.

You will found with this letter a photograph of my little brothers and my big sister, that we have make at once to do you pleasure.

If this letter arrived to you my father will sent you for remember the war two true copperin German shell's sockets that have served to died many Belgians.

Still a time thousand thanks and in the hope the letter shall attained we wish you all, M. Grant, a long live and happiness.

YOLANDE DE BORJA.
N. B. Please excuse me for my bad English, I know it not well.

The Dictates of Fashion

9414—Children's Underwaist and Drawers. The underwaist is gathered at the round neck and finished with an edging of lace. The drawers are gathered to a band across the front and back. Sizes 2, 4, 6, 8, 10, 12 and 14 years.

9381—Ladies' Dress. The closing is



9381

9382

at the left side front. The waist and skirt are joined at the regulation waistline. The neckline may be square with a roll collar or round and a plaited frill used. Sizes 34, 36, 38, 40, 42 and 44 inches bust measure.

9382—Ladies' Two-Piece Skirt. Fancy pockets with bound edges and small buttons are all that is necessary to trim this two-piece skirt. It is gathered all around and a flatly folded girdle is worn at the slightly raised waistline. Sizes 26, 28, 30 and 32 inches waist measure.

These patterns may be ordered from the Pattern Department of the Farmers Mail and Breeze, Topeka, Kan. Price 10 cents each. State size and number of pattern when ordering.



The Pipeless Furnace That is Easily Installed

The Williamson is Easily Installed—No floor or partitions to tear out. Only one opening in the floor required. No pipes to bother with.

The Williamson Gives More Heat—The recirculating air system and four-inch insulated cold-air jacket sends the maximum of heat into the house. Only enough warmth is retained in the basement to keep water pipes, fruits and vegetables from freezing.

The Williamson is Guaranteed by Bond—The liberal bond backed by this million-dollar company guarantees the Williamson to heat your home to an average temperature of 70 degrees, or money back. The firepot is guaranteed for five years.

The Williamson Pays for Itself—Its scientific design, the result of thirty years' experience, insures uniform heat throughout the house with minimum consumption of fuel. Will burn coal, coke, wood, lignite or gas. Pays for itself through fuel-saving. Let the Williamson engineers show you the most economical way to heat your home. Send for free information blank and also receive free, illustrated copy of "Comfort at Low Cost," a remarkably informative book on home heating.

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457 West 5th St., Cincinnati, Ohio
Makers of the Famous Williamson UNDERFEED Furnace

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Please send me free, illustrated book "Comfort at Low Cost."
Name _____ Address _____

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We employ no solicitors. Every graduate a position.

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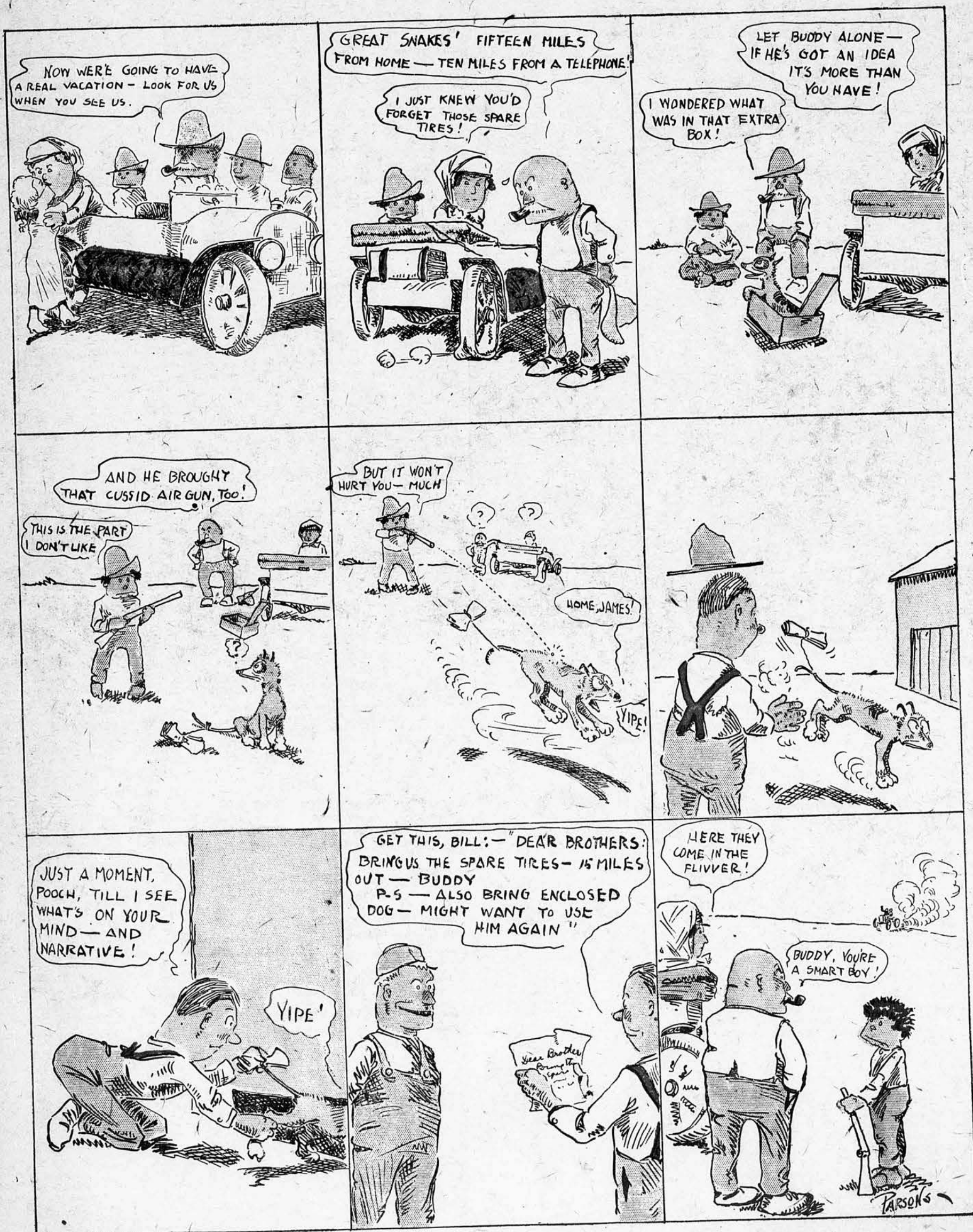
Lawrence, Kansas. Our big catalog explains all about this school. Write for your copy today.

Military Hand Book

Are you thoroughly informed in military affairs? The things you ought to know are told concisely, and briefly in the Citizens Military Handbook of 50 pages, heavy, durable cover. Price 30 cents a copy. Novelty House, Dept. M. H., Topeka, Kansas

The Hoovers Have a Blowout

Boys Seem, Sometimes, to Be Superfluous Items in Life, But in This Case
Buddy and His Dog Saved the Day



MONEY MADE IN DAIRYING

Readers of the Farmers Mail and Breeze are invited to send letters for publication in this department telling about their success or failures in dairying. If your cows were unprofitable there may be a reason for it and your experience would be of interest to many of our readers. If you made money selling milk, cream and butter a little information about the methods you used may help some one else to succeed who found dairying unprofitable under the conditions existing in the early part of the present year. Address all letters intended for this department to the Farmers Mail and Breeze, Topeka, Kan.

Higher Prices for Tested Cows

E. O. Hanson, superintendent of official cow-testing in Minnesota, strongly advises dairymen to give their cows an official record in order that the animals may have a chance of proving officially just what they are capable of doing. Mr. Hanson says, "The expense of establishing these official records is a mere item compared to the commercial value to be gained. Highly producing animals are never lost sight of, as their records are officially reported and appear in generations to come, which determines to a great extent the value of the offspring. Cows often are sold at very moderate prices, when if given an official record, their owners would realize much greater profits."

To Prevent Stringy Milk

"Stringy milk can be prevented when old utensils, especially the strainer cloth, are boiled," says C. H. Eckles, chief of the dairy division of the University of Minnesota. "If a tank of cold water is used for cooling," he adds, "it should be emptied and scrubbed with boiling water. If this treatment does not eliminate the trouble, the fresh milk should be heated on the stove to a temperature of 150 degrees, then left standing 20 minutes at this temperature and cooled as quickly as possible."

Stringy milk is not caused by the feed of any abnormal condition of the cow, but by bacteria which enter the milk after it has been drawn from the cow. Milk affected in this way is not unhealthful but it is certainly not appetizing.

Silos are Essential

The silo is rapidly becoming recognized as a necessary part of the farmer's equipment. A Kansas farm without a silo, at least in the corn area, is no longer up to date. The rapid adoption of the silo is accounted for by recognition of its advantages.

If corn is cut at the proper stage and put into a good silo, the whole corn plant is eaten. Silage is more convenient to feed than is any other rough feed commonly used on the farm. Silage is both palatable and succulent.

The addition of a succulent feed to a ration increases the digestibility of the dry feed eaten.

With a silo it is possible to save corn that might otherwise, on account of immaturity, be largely wasted.

The silo not only provides excellent feed for winter time but furnishes a means of keeping more for summer use feed of high quality.

When to Feed Silage

BY J. H. FRANSSEN

Usually silage is fed in winter when it gives the effect of summer pasturage. Cows increase the flow of milk when put on pasture in the spring on account of the succulence of the feed. The succulence of silage affects the flow of milk in a similar manner.

A very good ration for winter feeding is 30 pounds corn silage, all the alfalfa or clover hay the cow will eat up clean, and a pound of grain for each 3 pounds of milk produced daily.

While ordinarily used for winter feeding, it is by no means less important for use in summer. Nearly every summer, the pastures dry up in the

latter part of July or August, and during this time the cows invariably drop off in milk flow sometimes 50 per cent. This may be partially overcome by feeding succulent feed in the form of silage. Some of the more enterprising dairymen are putting up small silos for summer use.

Some imagine because silage has many good features that it is a "cure-all," a self-sufficient feed. "Man cannot live by bread alone," and neither can cattle exist and show a profit on silage alone.

Then again, some think that the silo is a "new-fangled" idea. On the contrary, the early Romans and the Incas in Mexico used it. It is one of the oldest ideas in agriculture.

Another notion is that all effects are produced such as decreasing the life period of the animal, causing the animal to be susceptible to tuberculosis, and to losing teeth. At the Nebraska Experiment station cattle fed silage all of their lives are in the very best of health, have good teeth and are not tubercular.

Tainting of milk occurs only where silage is fed in poorly ventilated barns or during milking hours. This can be avoided by feeding the silage after milking.

The Dairy Cattle Congress

The Dairy Cattle Congress which takes place this year from September 22-28, will provide a wealth of education to those who attend. Moreover, the breeder who brings his herd of dairy cattle to this show to compete with the many which will be present, gains publicity that he can get in no other way. Show the public what you produce in the way of purebred stock and if they are the right kind, your market is wherever your establishment is located.

To inspect the hundreds of good dairy cattle is sufficient reason for the presence of all dairymen at the show, yet there are many other educational features that are of equal importance. Take for instance the Cow Test association exhibit. Cows which are members of test associations will be brought to the show, poor and good producers alike, their records compared, and charts showing yearly feed costs compared. There will be a purebred sire demonstration, the idea being to specifically demonstrate the decided value of the purebred over the grade sire. A feeding exhibit will be a feature which should merit the interest of dairymen.

There will be many other instructive exhibits and the large Industrial Exhibit Hall will be filled to capacity. Moreover, a large number of manufacturers of farm machinery have arranged for space on the grounds to demonstrate their wares.

Altho entries will be received until September 10, cattle already have been entered from New York, Texas, California, Minnesota, Michigan, Montana, Kansas, Missouri, Tennessee, Wisconsin, Ohio and Illinois. More than 20 states will be represented.

The International Belgian Horse show will be held at Waterloo this year in connection with the Dairy Cattle Congress and this will prove of interest to all who attend. This will be the largest single breed show that ever will have been held and it is of extreme importance this year when it is known that Belgium has become an importer of these famous horses rather than an exporter. It is announced that a special commission from Belgium will attend the show to purchase foundation stock with which to rebuild that breed along the most important lines in its native land. Cash awards to the amount of \$5,500 will be distributed to exhibitors. Three large new barns of 36 by 300 feet each have been built to house adequately the large number of excellent horses that will be brought to the event.

Our Three Best Offers

One old subscriber and one new subscriber, if sent together, can get The Farmers Mail and Breeze one year for \$1.50. A club of three yearly subscriptions, if sent together, all for \$2; or one three-year subscription \$2.00.

Why are soldiers always tired the first of April?

Because they have just finished a March of 31 days.—American Boy.

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DON'T BURN your straw before finding out how a few hours spent spreading straw turns every stack into big profits. Carter made \$500 extra profit from our information. Your name on a postal card brings full particulars free. **SIMPLEX SPREADER** MFG. CO., 103 Traders Bldg., Kansas City, Mo.

10 Patriotic Cards 10c We will send 10 lovely colored post cards postpaid for 10 cents in stamps or silver
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**Harvest Sale of 9,000 Low Down 60-70 Bushel
9,000 Spreaders in
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horse and man power. En-
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Has new distributor. Besides has eleven other great features.
Low down. Has wide-spreading V rake. Patented automatic
stop uniform clean-out push-board. Short turn, all wheels under
the load. All steel beater-tears manure to shreds—cannot twist,
warp or break. Spreads from four to twenty-four loads per acre.

Harvest Sale of 12,000 Masterpiece Seven

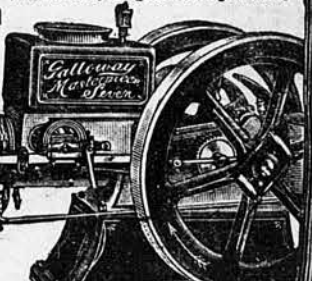
**The Harvest sale price on
this Masterpiece 7 is a quantity
price. You could not buy the 12,000
at a lower figure, because the
price is based on the 10,000 fac-
tory run. Our new Masterpiece 7 gives 7 actual horsepower for
the price of 6. Portable or stationary. Big bore, long stroke,
heavyweight, every part standardized and interchangeable.**

**Harvest Sale
15,000 750-lb.
Separators**

The price is the same for one
or the whole 15,000. The 750-lb. size
is the best all around size—our big-
gest seller. Has all our latest improve-
ments. Skims close. Easy to run and
clean. Every drop of milk gets full skim-
ming force of the bowl. Sold on 180
milking tests.

Mail the Coupon
You farmers who have been wait-
ing for prices to come down, here
is your chance. But you must
**ACT QUICK. Mail the
coupon tonight, sure!**

Wm. Galloway Co.
47 Galloway Station,
WATERLOO, IOWA



MAIL THIS COUPON

Send me
Harvest Sale Prices.

Name.....

P. O.....

R. F. D..... State.....

Dept. 47

WEST KANSAS NOTES

G. C. GIBBONS

Land still continues to change ownership in Western Kansas. A real estate firm in Oakley is holding a five day sale August 18 to 22 during which time 100 farms will be sold. The farms vary from a quarter section to several sections in size and show all stages of improvement.

This year has been an unusually good one from the standpoint of the real estate agent in Western Kansas. To all outward appearances Western Kansas is prosperous this year. The immense wheat and straw stacks indicate large yields of wheat. The pastures have held up well so far and many fields of sorghum interspersed thru the country add a touch of green which makes the country look good to the prospective purchaser. These buyers are for the most part from Iowa and Nebraska.

R. E. Getty, forage crops investigator at the Fort Hays Experiment station, who has just returned from a trip thru Gove, Trego and Logan counties, says that very little preparation of any kind for wheat has been started.

This has resulted on account of the dry weather, hard ground and the fact that there is much shocked grain still on the ground. Threshing machines are scarce thru that section of the state and farmers say that there will still be much shocked grain to be threshed in September.

R. S. Hensel of the agronomy department of the Kansas State Agricultural college is studying the range pasture situation in Western Kansas this month. He makes the observation that there is an unusually large weed growth in the pastures this season and that this condition is a good indication that the pastures have been mistreated some time in the past few years.

Not all farmers will reduce their wheat acreage this fall. J. H. Flora of Quinter who harvested 375 acres this year is getting ready to put out 600 acres this fall.

Mr. Flora endeavored to grow row alfalfa on 15 acres of upland soil for several years with small success. He plowed the tract this spring and put it in Sudan grass and reports that he grew more Sudan grass than he has grown alfalfa in the past three years. It is probable that the alfalfa put the ground in favorable condition for the excellent stand the Sudan grass made.

There have been some phenomenal

yields of spring crops in Western Kansas this year. D. H. Ikenberry of Gove county reports a yield of 81 bushels an acre of oats and 50 bushels an acre of barley. Such yields are unusual in this section since this spring season was one of the few favorable ones for spring small grains. Fort Hays Experiment station tests with spring grains show that barley has given an average yield of 15.1 bushels an acre while oats have produced an average yield of 19.3 bushels an acre during a period of eleven years.

The Farm for Farmers

If any one person may be regarded as representing so original a state as Kansas, it is the governor whom she recently sent to the Senate. Outsiders scarcely realize how intimately Senator Capper is known thruout Kansas—as intimately as is his more distinguished neighbor, William Allen White. Now Mr. Capper has been doing a little preaching about living in the country. You would not gather from it that country life was desperately uninteresting. He talks about "the building of character and leadership among farm boys and girls; teaching thrift and management, and giving an early vision of the richness and fullness of farm life." If these words stood alone, they might be taken as the expression of empty

aspiration or the sugar-coating of a pill. But they are not mere rhetoric.

They define the purpose of the Capper Boys' and Girls' clubs that are to be found all over the state. These clubs started when a small boy made the appeal to the future Senator, "Help me buy a pig." He got the help, and in 1916 the members of the Capper Pig clubs made an average profit of \$75 upon an average investment of \$30. The next year the profit was \$100 upon an investment of \$40, and last year it was \$150 upon an investment of \$63. And besides this, there were prizes for the clubs with the largest net profits.

Let the running of a farm once appear to boys and young men as a business, and the problem of making country life interesting will not be so formidable.—New York Post.

The Grange and Rural Progress

BY B. NEEDHAM
Master Kansas Granger

The Grange is the most important rural improvement agency in the state, and what is true of the state is also true of the nation. It is the leading, guiding star, pointing the way to better things agriculturally. Its place and its mission is fundamental, for community building is the first step in rural progress. As a social and educational factor, as a promoter, developer and defender of the best country ideals the Grange has never had a competitor. No other organization provides so fully for the farmer and his family. In 50 years no other agency has been found that approaches it in providing, maintaining and utilizing community halls. For 50 years the Grange also has been absolutely the foremost agency in fighting the farmers' economic and legislative battles, and is today the only farmers' organization maintaining its own permanent headquarters, and keeping its own member representatives on hand in Washington to present our view to Congressional committees and executive departments. No representative who is in Washington only occasionally could possibly be prepared to meet intelligently the momentous questions that are constantly arising and no hired professional legislative agent could obtain the respectful hearing or command the serious consideration that will be accorded a Grange representative who has direct intimate personal knowledge of our problems and is able to speak with authority as one of us.

Flour Costs \$14.11 a Barrel

A letter has been received by Senator Capper from the United States Department of Agriculture in reference to the cost of wheat and flour that we believe will be of interest to the readers of the Farmers Mail and Breeze. In the letter the Assistant Secretary says the United States Bureau of Crop Estimates states that the average retail price of flour for principal cities of the United States April 15, 1919, was 7.2 cents a pound, which is equivalent to \$14.11 a barrel. These are the latest quotations of retail prices from the Department of Labor.

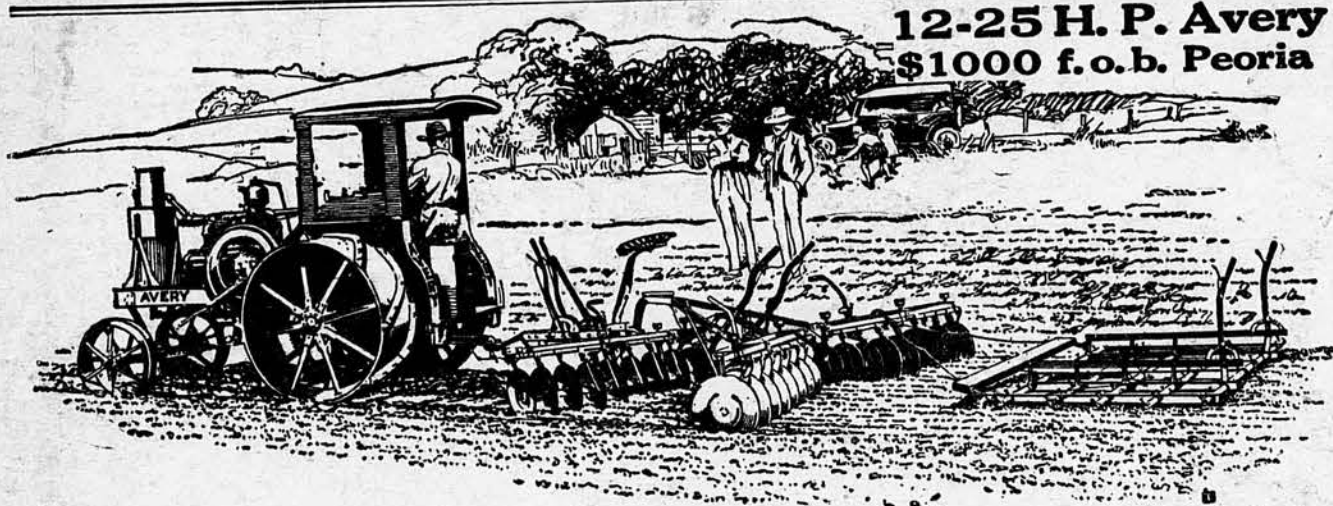
The average farm price of wheat in the United States April 1, 1919, was \$2.142 a bushel; and July 1, 1919, it was \$2.22.

On an average it is expected that 4½ bushels of wheat will make one barrel of flour; which is equivalent to about 44 pounds of flour for each bushel of wheat. Hence, at \$2.142 a bushel, the wheat in one barrel of flour would cost \$9.639.

Second Land Bank

The second joint stock land bank in Kansas has been organized in Wichita as the Guaranty Stock Land bank, with \$250,000 capital, and with Dan F. Callahan as president. It is said that the institution's stock already has been oversubscribed. The first such bank in the state was the Liberty, at Salina.

The bank is organized under the Federal Farm Loan Act, and will operate only in Kansas and Oklahoma. The loans to farmers are made and against them are issued tax-exempt bonds bearing 5 per cent interest. These banks are authorized under the same act as the regular Federal Land Banks, but are privately owned and operated.



12-25 H. P. Avery
\$1000 f.o.b. Peoria

You Can Always Keep an Avery Tractor New

AVERY Tractors really never get old. Even after years of service, you can always make them new again. The Avery is the only tractor with which this can be done.

Avery design is the reason why. You know the cylinder walls of a tractor motor get the hardest wear of any part. In the Avery "Draft-Horse" Tractor Motor the inner cylinder walls are renewable. Think what this means. They are cast separately from the main cylinder. Result: three big advantages. They are made of harder material to withstand the wear; they can be turned from time to time to equalize any wear that may take place; and they can be replaced at small expense when worn. No need to buy complete new cylinders; no need to tear the motor down completely, haul it to a repair shop, rebore the cylinders and turn up oversized pistons, etc. All this trouble and expense is eliminated in the Avery by having removable walls which, whenever needed, cost but a few dollars and are easy to renew.

Always Ready for the Job

In Avery Tractors all easily broken parts are eliminated, all main parts last indefinitely and all wearing parts are adjustable or renewable. Every adjustment, repair or replacement can be done on the

farm. It's so simple most Avery owners are their own service men. They save time, money and depreciation on their investment. And what's more, they have a machine that's always on the job.

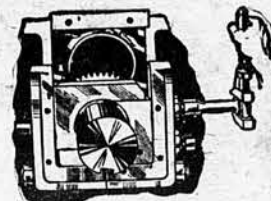
Other Exclusive Features

Averys are the tractors with the "Draft-Horse" Motor, Direct-Drive Transmission, Kerosene Gasifiers, Valves-in-Head, Two-Bearing Practically Unbreakable Crankshafts, Round Radiators, etc. Sold at popular prices, including complete equipment such as cab, seat, platform, fenders, etc.

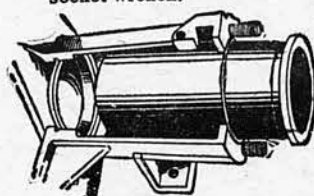
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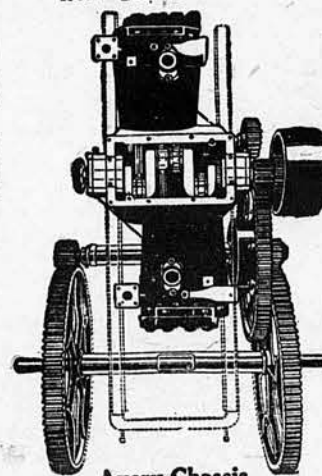
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TOM McNEAL'S ANSWERS

Homesteader

Can a young man recently married, who has homesteaded a claim in Colorado and who has two months more time to spend on the claim before completing the required residence, prove up by living on the land himself without his wife?

OLD SUBSCRIBER.

It is not necessary that his wife live on the land during the two months, provided the homesteader has an actual residence there.

Chattel Mortgage

A mortgaged to B personal property and signed the same without witnesses. B puts more property into the mortgage without A's consent. What can A do?

SUBSCRIBER.

A is not bound of course by these changes, made without his consent and if he can prove the charge against B it would be ground for criminal prosecution, but he probably will have difficulty in proving the charge.

Boring for Oil

I have been a renter on this place for 10 years. Our former landlord sold the farm and our present landlord says that he is going to put up an oil rig within two weeks. I have the place rented until the first of next March. Can I prevent them from boring for oil before that time? MRS. J. G.

It depends of course on the terms of your lease. If it gives you full possession of the land until next March you can enjoin the driller from putting his rig on the land while you have legal possession.

Troubled With Rheumatism

I am completely disabled with muscular rheumatism. I have been told that the government maintains in New Mexico a hospital for such cases. Please give me any information you have on the subject.

A. C. L.

So far as I know the government does not maintain such a hospital. However, you should write your member of Congress, Hon. Hays B. White, Washington, D. C., and ask him to investigate for you.

Joint Estate

A and B are husband and wife. They own a farm in Kansas, the title being in the names of both. If either should die without a will what share of the farm or personal property would the children get?

KANSAS SUBSCRIBER.

If the real estate and personal property was held jointly by the father and mother, at the death of either without it, the children would inherit one-fourth of the property, that is one-half of the half owned by the deceased parent during his or her life.

Widow's Pension

I read a few days ago that Kansas was going to pension dependent widows. Did such a bill pass and how would a person go about to get it?

READER.

There is a "Mother's pension law" on the statute books of Kansas and has been for several years. There has been no new legislation. This law makes it optional with the board of county commissioners to pension mothers with dependent children, up to a maximum of \$25 a month. Apply to your board of county commissioners. Consult county attorney as to procedure.

Right of Divorced Woman to Marry

A woman obtains a divorce from her husband on the ground of desertion. Can she marry another within six months after the divorce is granted? If she goes to another state, then can she return to Kansas to reside within the six months after the divorce is granted?

C. P. A.

The marriage would be valid, provided it was permitted under the laws of the state in which it was contracted, but if the married couple returned to Kansas the woman would be subject to prosecution under the Kansas law.

Insurance Rates

How much cheaper is fire insurance in towns of the third class that have systems of water works, than in towns of the third class which have no protection against fire at all?

B.

Cities and towns in Kansas are divided into a number of classes, so far as protection against fires are concerned. Those in which there is perfect theoretical protection being ranked in class 1 and the others being divided into classes, ranging down to class 6 which has no fire protection at all. None of the cities or towns are in class 1, which means that none of them have theoretically perfect protection against fire. There are several in class 2. The difference in rates between class 2 and class 6 is about as 28 to 48. That is insurance that would cost \$28 in a city or town in class 2 would cost \$48 on similar property in a city or town ranked class 6, that is a town without any fire protection. Between these extremes the rates vary according to the degree of protection.

Disposing of Estate

A's mother is dead. Can his father dispose of the property without the consent of the heirs? And if it is sold will the wife's half be divided?

MRS. G. C.

If the property was in the husband's name he can dispose of it without the consent of the children. Whatever property belonged to the wife and mother at the time of her death would be divided equally between the surviving husband and the children and he could not dispose of that estate without the consent of the heirs.

How About the Insurance?

Father died in Indiana last October. The son was sick at the same time and it was also impossible for the daughter to attend the funeral. There were two life insurance policies, the amount of which we cannot learn. The undertaker was made guardian of the estate. We did not know the law but supposed the son would be able to go in a couple of weeks and settle things. We had a lawyer see whether he could find how much there was in the estate, but he found out nothing. After that we wrote the insurance company again and were told that there were two policies but were not told the amount of either one. Is there

any way of finding out how much there is and how to get it?

READER.

I cannot understand why the insurance company should refuse to state the amount of the policies. The heirs can by bringing suit, compel the companies to disclose the amounts of the policies but I do not think this is necessary. Go to a reliable attorney and have him take the matter up with the insurance company, if you can get no satisfactory answer to your own letters. Possibly you did not make it clear to the company that you were the direct heirs and have a right to know about the policies. I would suggest that you write again before consulting an attorney. If you get no satisfaction then go to the attorney.

Division Fence

A owns a quarter section of land which is under cultivation. B owns pasture land on two sides of it. Must A build and maintain one-half of the fence necessary to keep B's cattle off his crops? If so can B hold A responsible for cattle which break thru A's part of the fence and are killed on A's cane?

Does the fact that there is a strip of unbroken hay land 40 rods wide between A's crops and B's pasture make any difference as to who has to build the fence?

YOUNG FARMER.

B can require A to build half of the division fence, if he owns the land adjoining. If the hay land does not belong to B then he has no right to compel A to build the fence.

If A's part of the fence is a lawful

fence and B's cattle break thru and die as a result of eating A's cane, B cannot recover damages, but on the other hand A would have the right to recover for the value of the cane destroyed.

Husband Makes Trouble

Five years ago A and B, husband and wife separated and signed a contract drawn up by a lawyer, under which contract each took half of the property. A gave B deed to a half section of land and still holds a half section himself. Their children were all grown. B sold the quarter section to a son who is single, and keeps house for him. Now A comes to the place, goes into the house, sits down and eats, complains about things and makes trouble. He plans to come when there is company and insults B. The son has asked him to stay away and B has asked him to stay away. There is no contract between B and her son, just an understanding that she is to keep house for him while he farms and makes the living. Can B make A stay away from the place and compel him to stop making her trouble?

READER.

She can get an order from court enjoining A from entering on her land and annoying her. If he then violates the order of court he can be arrested and punished.

Robert had a new brother about 3 weeks old.

"Who does your little brother look like?" asked one of the neighbors.

"I don't know that he looks much like anybody," replied Robert. "He looks a little like ex-President Taft in the back of his neck."—Detroit Free Press.



Where the Titan Comes In

IT PAYS to do farm work at the right time. There are only a few days when plowing, seeding, haymaking, harvesting, threshing and other essential jobs can be done to best advantage. To be able to take care of these operations at just the right time often means the difference between success and failure with a crop; between a big profit and, perhaps, no profit at all.

The uncertain factor in most cases is the amount and kind of power the farmer has at his disposal. That is where the Titan kerosene tractor comes in. You can depend upon it to furnish ten horsepower of drawbar power, or twenty of belt power, any time you need it. Many a farmer has told us that even if his Titan cost him twice as much as horses he would use the tractor by preference because of this one advantage of being able to get his work done at the right time.

Instead of costing twice as much as horses, the Titan operates at considerably lower cost than horses or any other kind of farm power. Besides being more dependable and more generally useful for field and belt work, it is also cheaper.

After harvest most of your power needs will be for belt work. The Titan makes it easy. It has a large pulley, high enough to keep belts from dragging, giving the proper belt speed, easy to line up, to start and to stop.

The Titan is our 10-20-H. P. tractor. There are two other sizes of International tractors, 8-16 and 15-30-H. P., all operating on kerosene and other cheap fuels. Write us for catalogues and full information.

The International Line

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Farm Trucks Knife Grinders
Tractor Hitches Binder Twine

INTERNATIONAL HARVESTER COMPANY

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U S A

FARM QUESTIONS

All inquiries about farm matters will be answered free of charge thru the columns of this department. Those involving technical points will be referred to specialists for expert advice. Address all letters to John W. Wilkinson, Associate Editor, the Farmers Mail and Breeze, Topeka, Kan.

Grass for Permanent Pasture

I would like to sow a good pasture mixture for some permanent pasture and would like to know when the best time would be to sow it.

I thought that I would seed it with Kentucky bluegrass, Red-top, Alsike, Sweet clover and timothy. What would be the proper mixture and what amount of seed should be sown to the acre on good bottom ground? A. L. S.

The following is a satisfactory mixture for permanent pasture on bottom land in your locality: Kentucky bluegrass, 5 pounds; Red-top, 5 pounds; Alsike clover, 2 pounds; Sweet clover, 8 pounds.

If you decide to add timothy cut down the amounts of bluegrass and Red-top 1 pound an acre and include 4 pounds of timothy. Ordinarily timothy does not survive more than two or three years. It is usually crowded out by Red-top and other grasses which seem to be more persistent than timothy.

If your ground is in good seedbed

condition, it would be well to seed the Red-top, bluegrass and timothy early in September if moisture conditions are favorable. The Alsike and Sweet clover should not be seeded until early spring. A good time to seed clover is when the ground is thoroly frost checked. In seeding this way the rain will work the seed into the ground. C. C. Cunningham.

Sweet Clover for Dairy Cows

Please tell me whether I can pasture my cows on Sweet clover, and not feed them any grain. A. L. S.

We have gotten very good results from feeding dairy cows on Sweet clover pasture, by feeding a mixture made of 400 pounds of corn chop, 200 pounds of bran, and 100 pounds of oil meal or cottonseed meal. We usually feed in the proportion of 1 pound of grain mixture to each 5 pounds of milk the cows produce more than 1½ gallons a day. Ground kafir, ground oats or barley may be substituted for the corn chop, and may be cheaper than the corn chop at the present price. J. B. Fitch.

Planting Apple Trees

I have been thinking of starting a young apple orchard. Do you think it would be all right to set out the trees this fall or would you wait until spring? M. D. S. Ft. Scott, Kan.

Unless the weather is very unfavorable and the ground very dry I would prefer to make all arrangements to plant the trees in the fall rather than in the spring. The soil should be thoroly prepared and the nursery stock or-

dered so that planting can be started late in October. When the soil is moist and weather conditions favorable trees set in the fall will do much better than those set in the spring. There will be a smaller amount of loss of trees and the growth of the first two seasons will be larger and more vigorous. It also will be easier to obtain a good grade of nursery stock of the desired varieties now than in the spring when the supplies are greatly depleted. Buy trees only from reputable nursery firms that are well known. J. W. Wilkinson.

Poisoned Stock

I used a poisoned preparation to kill worms in the pasture. Some of my farm animals have been grazing in this pasture. Since then a number of them have taken sick and some have died. From their symptoms I thought they might have been poisoned. What would you suggest? M. L. CLARK. Nickerson, Kan.

I am satisfied that the poison which you used to kill the worms in your field has nothing to do with the death of your animals.

The symptoms that you submit are insufficient on which to base a diagnosis. I am satisfied that it will, at least, require a post-mortem examination to determine the nature of the trouble and it may possibly require a microscopical examination of some of the parts of the dead animal before definite conclusions can be arrived at.

I would suggest that if you have any more deaths among your horses or if your neighbors have deaths from what appears to be a similar disease that

you have the veterinarian hold a post-mortem examination. The veterinarian should then write us in detail, all the symptoms observed before death and also what he found on post mortem. If this does not clear up the trouble then it may be possible for us to send an investigator down there.

R. R. Dykstra.

Storing Vegetables

I would like to have you offer a few suggestions about storing vegetables so that they will keep thru the winter. What temperature should I have in my storage cave? Hutchinson, Kan. P. T. F.

Store only vegetables that are in good condition, properly matured and not stale. See that they are free from bruises and diseases, and that they have not been subject to overheating or wilting. The temperature for most vegetables should remain below 50 degrees. From 36 to 40 degrees will give the best results, especially with root crops other than sweet potatoes. Proper ventilation must be provided, but the atmosphere of the storage place should be kept rather moist in order to prevent shriveling or wilting. J. W. Wilkinson.

Swine with Scours

I have some spring pigs that have been scouring for sometime, and they are gradually growing thin and weak. A veterinarian here suggested that they might have canker of the stomach. Please suggest treatment and means of prevention. Vermillion, Kan. JOHN POLSON.

I cannot state positively what the trouble is with your hogs, but as hog cholera is the most serious trouble of hogs, I believe it would be a good plan for you to have your hogs vaccinated against hog cholera by some competent graduate veterinarian. In addition, I would advise that the sick hogs be taken away from the well ones and that the sick ones be given a mixture consisting of 15 grains each of tannic acid and salicylic acid in the feed once daily until the diarrhea ceases. I will be glad to give you additional information if at any time I can be of service to you. R. R. Dykstra.

Worms in Hogs

I would like to have you recommend a good remedy for worms in hogs. Often I buy hogs that seem to be troubled with worms and I want a simple remedy that I can use. A. L. S.

The hogs should be starved for a period of about 18 hours. Then they should be given the following mixture: 2½ grains of santonin, ½ dram of powdered areca nut, ½ grain of calomel, 1 dram of bicarbonate of soda.

This will be sufficient for 100 pounds weight. The medicine may be given in the slops or feed and each animal will get its proper proportion.

The animals should be kept confined in pens so that the feces and expelled worms may be gathered up for a period of 48 hours after the medicine has been given. If such feces are not gathered up the animals will promptly reinfest themselves by rooting around in the filth. I would suggest burning all the excreta.

It is advisable to repeat the treatment in about 10 days, as it is possible that all the eggs of worms are not removed by the first treatment. In 10 days they will have hatched and the second treatment usually completes a cure. R. R. Dykstra.

Petrified Pencil

I have found a petrified pencil on the old pioneer trail running thru our pasture. Is it of any value and where could I dispose of it?

In high school last year the question was asked, "Why are all snowflakes six sided or six pointed?" No one knew.

The parents of a boy 16 years old told him to leave the place and never come back again. The boy left, found a good job and draws \$35 a month. Can the parents compel him to come back home again before he is 21? Can they take his money? HIGH SCHOOL STUDENT.

So far as I know the petrified pencil has no value. You may possibly find some one who will pay something for it as a curiosity, but there is not, to my knowledge, any market for such things.

I am not surprised that none of the high school pupils knew why snow crystals are hexagonal. Nature made them so but why it did I do not think any scientist knows.

The parents have the legal right to the services of the son until he is 21 years old, but if his parents drove him away and told him never to come back I do not believe that any court will order him now to return or to give up his earnings.

Write us a letter about your experience in raising and feeding hogs.



"I am penalized if one comes back"

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To utilize every ounce of power that your motor transmits to the wheels of your car or truck, run on tires that mesh with the ground the positive way.

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Congress Into Tenant Problems

The proposed amendment to encourage ownership of farm lands in Kansas, with particular assistance to former soldiers, is finding company in the form of similar measures introduced recently in Congress by Senator Wadsworth of New York, and Representative Mondell of Wyoming. Governor Allen has received a letter from Senator Capper in Washington, inclosing a copy of a bill by Senator Wadsworth, which has for its purpose the encouragement of the rural and home settlement, a measure to aid in solving the farm tenantry problem.

"This is a subject in which I am deeply interested. I look with much favor on this particular bill," Senator Capper said in a letter to Governor Allen.

The Wadsworth bill creates a commission on rural and urban home settlement. It would investigate the possibilities of immediate farm settlement for returned service men; industrial housing, allotment of land to returned soldiers; possibilities of co-operation between the Federal government and the different states and different organizations. The commission is authorized to accept gifts to carry on the work in addition to the appropriation for expenses.

Governor Allen also has received a copy of the bill introduced by Representative Mondell, "to provide employment for those who have served with the military and naval forces thru the reclamation of lands." This national soldier settlement act includes a loan feature, by which soldiers, in order to make necessary farm improvements, may borrow up to \$1,200 for improvements and short time loans up to \$800 for the purchase of livestock and equipment. The bill carries an appropriation of 500 million dollars.

New Member of Board

E. L. Barrier, a new member of the Board which administers the business affairs of many Kansas public institutions, is the real "honest-to-goodness" representative on this board of the farming and livestock interests in the state. Altho Mr. Barrier's atten-



E. L. Barrier, of Eureka, Kan.

tions and investigations are not limited to any one department of the institutions with which it is his business to become familiar, he is giving some very much needed service, toward getting the best returns from important investments in land and livestock which the state has made at many of the schools or other institutions which come under the supervision of the Board of Administration.

The importance of competent attention to such matters can be inferred from the fact that for instance in such institutions, where there are a large number of children and youths, the most important single item of food is milk. The start had been made to supply milk from dairy herds owned and cared for in these institutions, but it is taking the practical knowledge of livestock, feed productions and general farm management of a man like Mr. Barrier to change the dairying at some of these places from a losing and wasting operation to one of profit. The foregoing does not mean any limiting of Mr. Barrier's interest to the subjects mentioned. Other members of

the board defer largely to Mr. Barrier's judgment in such matters and Mr. Barrier, in turn, knows how to make the fullest use of the experience and co-operation of the appropriate departments in the higher state schools, where the best information on farming, engineering, gardening and animal husbandry is available.

In determining the changes and improvements to be made, it is typical of Mr. Barrier, and illustrates the fairness with which his investigations are made, that he usually arrives at an institution unannounced and is more likely to begin his investigations in the barnyard or commissary department or at the heating plant in the basement, than he is to begin at the front office. On a recent trip which gave him part of a Sunday between trains in Kansas City, he called unannounced at several orphan asylums

in Kansas City, Kan., which get some public aid and in doing so, put themselves under the supervision of the Board of Administration. What he saw is of course a matter to be taken up only in the meetings of the Board of which he is a member, but available information proves the wisdom of making investigating trips unannounced, if the investigator seeks the betterment of conditions.

Mr. Barrier's activity in state farming and livestock organizations, as a member of recent legislatures and particularly thru his work on the ways and means committee of the last legislature, has made him familiar to most readers of the Farmers Mail and Breeze. As tax payers they now can feel a special interest in his efforts to see that they get full returns from the tax money, which goes into the operation of important state institu-

tions in more than a dozen localities of the state.

Lower Twine Price

Three million pounds of prison-made binder twine is promised the wheat growers of Kansas next year by the state board of administration. The state promises to sell this twine at 12 cents a pound, a saving from prices this season of about \$250,000.

Prison twine sold during the wheat season just closed was held at 19 1/4 cents a pound, which was 2 cents under the twine trust's price. The state bases its promise of a lower price next season on the slump in the sisal market.

Think in interest—your own interest—save and invest. War Savings Stamps pay 4 per cent interest, compounded quarterly.

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Enormous volume permits us to buy in immense quantities. Where the average dealer buys in dozen lots we buy in thousands, thus we receive the lowest prices possible. This together with our one profit, direct from factory to user system makes it possible for us to offer substantial savings on practically every article you need for your car.

The tremendous growth of our business has necessitated moving into a larger building which more than doubles our floor space, making us one of the largest exclusive Tire and Accessory houses in the U. S. The main reason for this remarkable growth is the fact that we have saved our customers from 20% to 50% on standard quality supplies. We are now operating seven well equipped and well stocked stores in the most centrally located cities. Our customers number thousands, located in nearly every state in the Union and foreign countries.

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Selected at random from our big 128-page 1919 Ford Owner's Supply book. This book is filled with such savings from cover to cover. Your guide on the care and repair of Ford cars, what to use and what to pay. If you have not already received a copy of this book send us your name and address today and one will be mailed with all charges paid.

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Size	Plain	Non-Skid
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32x3 1/2	18.15	19.65
31x4	23.80	25.85
32x4		26.85
33x4		27.60
34x4		28.40
35x4 1/2		39.45
36x4 1/2		40.50

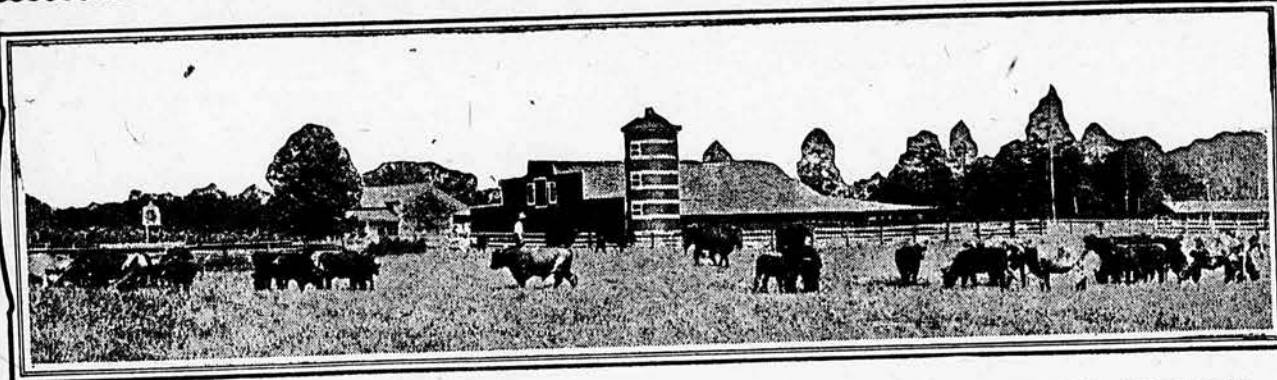
Genuine Schrader Valve Cores—a standard necessity—handy tin box of 5 cores. Regular price 40c. Our Cash Price 35c



Braid Covered Wiring Outfit—same as now used on Fords. Good quality, well made for 1914 or older Fords. (4 wire) 60c. 1915 to 1919 (5 wire) 65c. spark plug wires (4) 35c

The next time you need something for your car turn to our catalog and compare the prices with those asked by others. With our catalog you can buy everything you need as easily as if you were right in one of our stores. Your order will have our careful attention and shipment will be made, if possible, the same day received. When in Kansas City make our store your Headquarters—use our reception room, telephones, city directory, information, etc.

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THE PRICE of OUR LAND IN THE HIGHLANDS of LOUISIANA ADVANCES NOV. 1—BUY NOW!

Here is your opportunity to buy new farm land of *proved quality* for \$25 an acre, \$6 an acre down payment—if you buy at once. After November 1 this land will cost you \$30 an acre, with a down payment of \$10 an acre. By buying before the increase goes into effect you save on a 160-acre farm \$800 in the purchase price, with \$640 less in down payment.

This land is a new unit of approximately 32,000 acres, known as the Longville Tract, in the famous Highlands District of Southwestern Louisiana. *Its quality is proved.* Progressive Northern and Western farmers and stockraisers have bought land of the same character in this district in the last three years, and the results they are getting now furnish proof of the productiveness of the soil and the variety of crops it will yield. Every prospective buyer in this district sees these proofs for himself and talks with the land owners before he invests a dollar in land. In fact, no land will be sold until the buyer or his accredited representative has actually been "shown" by personal inspection and investigation.

The Longville Tract is traversed by two trunk line railroad systems. The land is high, gently rolling, naturally well drained, and entirely free from stones and stubborn undergrowth. The top soil is a friable loam, with a subsoil of porous clay. There is an abundance of pure water in clear, never-failing streams, and soft and pure well water is obtainable at a depth rarely exceeding 45 feet. Practically every foot of this land can be placed under cultivation.

The climate in this district is so mild that vegetable growth continues the year 'round, and there is no winter as it is known in the North. The rainfall is generous and certain—there never has been a total crop failure due to drought in this region. Cattle, hogs and sheep range in the open twelve months in the year, and there is pasturage for stock eight to nine months of the twelve. There is not a day in the year when farm work cannot be carried on out of doors.

THE LONGVILLE TRACT IN THE HIGHLANDS of LOUISIANA \$25 AN ACRE NOW—\$30 AN ACRE AFTER NOV. 1

offers the ideal opportunity for the Northern man who is seeking good, productive acres at a low price, and who would escape the handicaps of long, bitter winters, late springs, early killing frosts in autumn, and the ever present danger of disastrous drought. Northern authorities on agriculture are unanimous in the statement that live stock can be raised here at less expense than in other sections of the country, that it is an ideal

region for dairy farming, and that a remarkable variety of crops can be profitably grown. Transportation facilities, towns and markets already are established. Every farmer and stockraiser in the Middle West should see these lands for himself—and see them at once. A visit to the Longville Tract will be a brief, inexpensive and pleasant journey. Make it, and convince yourself.

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We have arranged for excursions weekly from Kansas City to Ludington, La., our headquarters. Every convenience is provided for those making the trip.

Return the coupon today for our big 64-page, illustrated booklet, "Where Soil and Climate Are Never Idle," descriptive of these lands, and for excursion rates and dates. Act now and see the growing crops in what should be your future home place.

LONG-BELL FARM LAND CORPORATION,
424 R. A. Long Bldg., Kansas City, Mo.
Gentlemen:—Please send me, without obligation, your free book; also railroad rate from my station, and dates of weekly excursions before the price of the land advances, November 1.
Name.....
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LONG-BELL Farm Land Corporation

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Smallest Bible on Earth
This Bible is about the size of a postage stamp and is said to bring good luck to the owner. Sent postpaid for only 10 cents in stamps or silver.
NOVELTY HOUSE, Dept. 10, Topeka, Kan.

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The regular subscription price of Farmers Mail and Breeze is \$1.00 a year. You can save \$1.00 by sending us your order for a three-year subscription at \$2.00. Or, you can send us two yearly subscriptions at \$1.00 each and get your own subscription free.

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That's just what we mean. Our tires are not seconds. They are rebuilt and reconstructed and absolutely guaranteed for 4000 miles.

30x3...	\$ 9.75	32x4...	\$16.00
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Write today
Kansas City Tire & Supply Co.
1315-17 E. 15th St., Kansas City, Mo.

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 family story magazine, The Household, containing from 20 to 32 pages monthly. Send us the 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, Dept. C2, Topeka, Kan.

Farm Engineering

(Continued from Page 10.)

the better. If more than ½ inch shows, the sand should not be used until it is washed. Caution should be exercised that the sand is not too fine, as the finer sand requires much more cement, for the same strength of concrete.

Portland cement is a very finely powdered, manufactured product, produced in nearly all sections of the United States. On account of the many locations of the cement plants, it is easily procurable in almost any community. With addition of a small amount of water, the paste formed adheres tenaciously to the various materials used in masonry construction. After a short time it begins to set into a hardened mass and should it be disturbed then, the strength is materially lessened. For this reason concrete should be placed in forms with as much dispatch as possible after the mixture is made. Cement has a great affinity for moisture and even while in the bag or barrel in which it left the manufacturer, it may be rendered unfit for use. Cement before it is used should be carefully stored in a dry place and resting on boards above ground.

A perfect mixture of concrete is one in which the sand fills the voids in between the stones and the voids between the sand particles themselves are filled with cement. It can be seen that the sizes and grading of the aggregate, will have an important bearing upon the amount of cement grout necessary. Even tho theoretically there is a perfect mixture for concrete, the proportions are varied for certain work, depending upon the quality desired.

For water fight work, such as tanks, troughs, a mixture of cement, sand and stone in the proportion of 1:2:4 by volume should be used. This will make a compact concrete, and will be found to be a mixture well adapted for most uses about the farm. We may style this a standard mixture. A medium mixture in the proportion of 1:2½:5 may be used for heavy work, for floors, sidewalks, and for foundations not subject to extreme vibrations. A lean mixture is one in which less cement is used than in the above proportions. Such concrete should be used with caution and only used where large masses are to be placed and where the concrete will not be subject to jar or vibration. The water content has been a subject for study for many years and its importance has been demonstrated only a comparatively short time ago. A soft mixture is easiest to place, but there is danger in adding too much water. A mushy constituency will undoubtedly be found most satisfactory for the inexperienced workman.

A large, tight, smooth surface should be provided for mixing. The sand should first be spread out evenly and on top of this the cement should be spread out. After being thoroughly turned with shovels, by men working opposite each other, the stone that has previously been wet, should be added by spreading out in a layer. The sand and cement should show a uniform color thruout before the stone is added. Water should now be added from a pail and the mixture turned as before until a uniform mixture of the proper constituency results.

The mixture after it is once wet should be placed in the forms as rapidly as possible. Care should be exercised that every corner in the form is filled and tamping may be necessary to insure that this will be the case. The forms if made of surfaced lumber, properly matched and wet previous to placing the concrete, will give a nice finish to the work and surfacing, with a cement and sand wash, will be unnecessary. The forms should not as a rule be disturbed for a few days. Concrete should not dry too rapidly and should be protected from the direct rays of the sun if possible. It is also desirable to sprinkle the surface with water at intervals while the concrete is setting.

It is a common fallacy for the inexperienced to suppose that the volume of concrete will be the sum of the volumes of the ingredients. As an actual fact the final volume is only about 10 per cent greater than the volume of stone used. Roughly in a 1:2:4 mix-

the sand will be nearly one-half the volume of the concrete and the cement one-half that of the sand. Such calculations would of course give some excess of material. A bag of cement is nearly 1 cubic foot in volume. It is always well to have several sacks of cement more than calculated for emergencies and finishing.

Many cement manufacturers have excellent publications that can be had for the asking and these will be found to be of great assistance to the inexperienced. Silos, walks and many special uses are described in bulletins and circulars that can be had by the farmer at an expense of a postcard or letter. The United States Department of Agriculture also has bulletins on concrete fence, gate, and hitching posts and also on the general uses of concrete on the farm.

Dr. Lerrigo Joins Staff

One of the most popular and useful departments ever conducted by the Farmers Mail and Breeze was that called, "What Shall I Do, Doctor?" in which Dr. Charles Henry Lerrigo of Topeka replied to the questions of thousands who were worried about their physical condition. Indeed the department became so popular that when Doctor Lerrigo went to France as a captain in charge of an ambulance company, and had to give up his writing, the readers of the Farmers Mail and Breeze complained instantly. Now Doctor Lerrigo, home from the front with a major's rank to his credit, won by good work in the dark and dangerous days of the Great War, has set aside all military rank and the things it means and is taking up again the civil life to which real Americans readjust themselves so easily and so complacently after a crisis has passed.

Doctor Lerrigo is to become medical adviser to the entire Capper Farm Press beginning September 1. Letters addressed to him in care of the paper will be delivered promptly, and answers will be returned when necessary stamps are enclosed. In addition to his service as medical counselor Doctor Lerrigo will write for the Capper Farm Press seasonable articles covering the great questions of the day as pertaining to health and human living generally. Make him your friend. Write to him. His advice may be followed safely.

Our Financial Service

The readers of the Farmers Mail and Breeze no doubt will be pleased to learn that arrangements have been completed with Mr. Sanders Sosland to write a review each week of the financial markets with prices quoted on stocks and bonds that are likely to be of interest. Mr. Sosland is the representative of the Wall Street Journal and of the Financier of New York City. His large acquaintanceship in the banking world is certain to make our new financial service extremely important and valuable.

You'll like this new service and it will not be long until you will be writing Mr. Sosland, our financial editor, for his opinion about some stock. That's just what we want you to do. You may depend upon just what Mr. Sosland says as being as nearly right as human fallibility permits. Mr. Sosland's first article entitled, "Where Millions of Dollars Go," will appear in the Farmers Mail and Breeze, September 6. Watch for it and get the habit of reading it.

Kansas Map to Readers

We have arranged to furnish readers of the Farmers Mail and Breeze with a Big Wall Map of Kansas. This large map gives you the area in square miles, and the population of each county, also name of the county seat of each county; it shows the location of all the towns, cities, railroads, automobile roads, rivers and interurban electric lines, and gives a list of all the principal cities of the United States, with their population. For a short time only we will give one of these big wall maps of Kansas free and postpaid to all who send \$1 to pay for a one-year new or renewal subscription to the Farmers Mail and Breeze. Every citizen of Kansas should have one of these instructive wall maps. Address Arthur Capper, Publisher, Topeka, Kan.—Advertisement.

Sixty Wheat Stacks Burned

Burning of 60 wheat stacks was reported last week to the state fire marshal's office. Twenty-nine of the stacks were 10 miles north of Dorrance, in Russell county, while the remainder were near Ness City.

Indications are that the fires were of incendiary origin. L. T. Hussey, state fire marshal, suggested that

bloodhounds from Concordia be procured to trace the firebugs. He sent out field men to investigate.

The fires are the largest farm fires of the year. The wheat near Dorrance carried insurance of \$6,000. This field belongs to Hugh Mudd.

During the entire month of July there were 70 fires in hay and grain fields with loss aggregating \$63,822, and seven threshing outfits destroyed

with a loss of \$11,249. Little evidence of incendiary work was noticed for the July fires. However, in the cases of the fires last week, matches were found in nearby stacks which did not burn.

A total of 873 cattle were exported from Great Britain in May at an average cost of \$555. More than 500 of these were booked for the United States.

Its Savings Pay Its Way

The savings which Lalley Electric Light and Power makes, in money and time and labor, actually do pay its way on any farm.

We make this statement, not on any say-so of our own, but entirely on what Lalley owners tell us.

Right now the opportunity to save by installing the Lalley without delay is greater than it ever was before.

It will pay you to see the Lalley dealer at once, and learn why farmers are buying Lalley-Light at the rate of almost 1000 plants per week.

No farmer, we believe, has ever considered Lalley-Light a downright expense.

Most of our owners possibly installed the Lalley primarily for its comforts and conveniences.

They figured that these advantages more than offset the investment. And so they do.

But these men soon discovered that electric light was only one of the benefits of Lalley ownership.

They had an ample supply of electric power. They turned it to use in churning and cream separating, fanning out grain, and other light work about the barns.

Their women used it to sweep with suction cleaners; to run the washer; to do the ironing in less time.

Then the Lalley savings began to show. The men could begin the day earlier, and do more after dark, because of the fine light.

Certain tasks were done in a third or a half the time they used to take.

So the preference for Lalley grew greater and greater, until now, as we have said, it is expressed in sales of close to 1000 plants a day.

The least you can do is to see the Lalley dealer at once.

It is actually true that the Lalley will begin to save for you the day you put it in. Therefore you can't afford not to have it.

Go to the Lalley dealer now, and he will install the plant without undue delay.

Lalley-Light Corporation

771 Bellevue Avenue

Detroit, Michigan



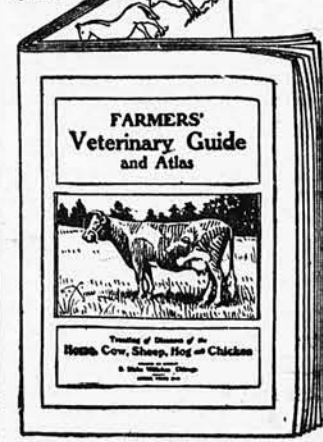
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for Kansas

Lalley Light and Power Company
141 N. Lawrence Ave., Wichita, Kan.

LALLEY-LIGHT

THE ELECTRIC LIGHT AND POWER FOR EVERY FARM

An ounce of
Prevention is
worth a
Pound of
Cure



If Your Livestock Is Worth Money Is It Worth Saving?

The Farmers' Veterinary Guide and Atlas will show you how to treat diseases of livestock. You cannot afford to pass up a single word of this advertisement. He who knows how to keep his livestock healthy has the key to prosperity. This Atlas means as much to your livestock as fertilizer means to your grain crops. It enables you to know what is the matter with your horse, livestock or poultry when sick, and what to do in order to relieve them. It gives information which will be the means of SAVING HUNDREDS OF DOLLARS TO YOU in the course of a year.

A Wonderful Work of Reference—This Atlas contains 25 large colored charts showing the anatomy of the horse, cow, sheep, hog and poultry, together with full description of the symptoms, treatment and remedy for all common diseases of livestock.

How to Obtain Farmers' Veterinary Guide and Atlas Absolutely FREE!

Send us \$1.00 for a year's subscription, or \$2.00 for a three-year's subscription, to Farmers Mail and Breeze, and immediately on receipt of same we will forward this Atlas, ENTIRELY FREE AND POSTPAID. This offer is open to both new and old subscribers. This atlas will save you many times the cost of your subscription in less than a year. Send for your Atlas today while the supply lasts! Do it now!

Farmers Mail and Breeze, Topeka, Kan.
Enclosed find \$..... to pay for Farmers Mail and Breeze for the term of years, and send me the Veterinary Guide free and postpaid as per your special offer.

Name

Address

Oil Cake and Meal Away Up

Not Many Buyers Pay the Highest Price Yet Asked

BY SANDERS SOSLAND

COTTONSEED cake and meal and linseed cake and meal are selling at the highest price levels on record. Usually, when the market for any feedstuffs is on an abnormal price basis, a current keen demand explains the bullishness in the trade. This, however, is not true of the present situation in the cottonseed and linseed feed markets. Demand for both feeds is extremely quiet, domestic buyers on the whole, particularly those representing the consuming interests, taking only insignificant quantities and paying little attention to the market. Prices are too high to interest buyers, and, until the market recedes to a more normal basis, it is not probable that any broad buying power will develop. An acute dearth of offerings is the main price supporting influence, but a change in the supply situation is in prospect.

For the first time this season, cottonseed cake and meal of the new crop have been offered for immediate shipment. But the new crop supplies available for prompt delivery are extremely light and insufficient to make an impression upon the general market. Offerings were made at \$74 to \$76 a ton for 43 per cent protein cottonseed cake, basis Texas common points, or approximately \$79 to \$80 a ton basis Kansas City. Memphis mills, which are offering cake in scant supply for immediate shipment, and which take a higher rate to Kansas City territory, quote the feed around \$82.50 to \$85 a ton, and Little Rock is offering new cake at \$77 to \$78 a ton, basis mills at that point. A discount of \$1 to \$2 a ton is quoted on cottonseed cake for

September and October shipment, mills on the whole generally offering their product on this basis of delivery.

So far as the Kansas City market is concerned, there were few, if any, acceptances of the offers of new cake. The trade with graziers and feeders of the Sunflower state, as well as with the fatteners of livestock in the Central and Middle states, is virtually at a standstill. Cattlemen, many of whom already have recorded losses in their feeding operations, are naturally reluctant to pay the present extraordinary prices for cake. They manifest a bearish attitude toward the market, and this is generally true of trade interests in Kansas City.

The market for cake and meal already has declined \$5 to \$8 a ton from the high point, some sales of old crop 43 per cent cake having been made up to \$81 a ton at Texas points recently. But, taking into consideration the maximum price at which cottonseed cake and meal sold under regulations of the United States Food Administration, the decline is of an insignificant character. A year ago at this time, cottonseed cake and meal sold at a maximum price of \$57 a ton for 43 per cent cake in Texas and Oklahoma, and \$5 a ton higher in Arkansas and other Eastern points, with feed of other protein content on a scale downward of \$1 a ton for each per cent. For instance, the 36 per cent sold at \$50 a ton in Texas and Oklahoma. Even the maximum price scale of the United States Food Administration was considered abnormally high.

Latest figures of the United States

Department of Agriculture forecast a cotton crop of 11,016,000 bales, compared with a final yield a year ago of 11,700,000 bales. The crop amounted to 11,300,000 bales in 1917 while the largest crop on record, produced in 1914, amounted to 16,100,000 bales. Since the latest government report was issued the crop has improved, and, with a continuation of the present high condition, it is probable a total of 12 million bales will be gathered this season.

A large amount of roughage is available in Texas, Oklahoma and other Southern states this year, which adds to the bearish feeling prevailing among feed trade interests of Kansas City. Last year Oklahoma offered little cake and meal outside its state. In fact, crushers and dealers call attention to the fact that cake from Arkansas, where the feed commanded a premium of \$5 a ton over Oklahoma prices, was brought into Oklahoma. Texas, too, consumed an unusually large percentage of its cake production, thus lessening the surplus supplies on markets.

Cottonseed Brings Premium

Cottonseed feed for shipment late in the year commands a sharp premium over the quotations on corn for similar delivery, consequently there is a tendency among the buyers to turn from cake and meal in favor of the leading coarse grain wherever substitution is possible. This, of course, is a weakening influence. Hogs exert much force upon prices for cottonseed feed, and it is probable that a changed level of prices for the pork animals would witness a sympathetic reaction in the market for this feed. Remarkable weakness in foreign exchange, serving to restrict the export business, in cake and meal, which under normal conditions is an important factor in the trade, adds to the bearishness of dealers and other buyers over the trend of prices.

For linseed cake and meal, crushers of the Northwest and East are asking \$90 to \$94 a ton, basis Minneapolis, or \$92.50 to \$96.50 on the Kansas City market. A year ago the government price on linseed feed was \$56 a ton at Minneapolis. Flaxseed supplies are extremely scarce, crushers being forced to draw the bulk of their requirements from Argentina, where a large crop has been gathered. Some flaxseed has been received from Manchuria, and India is reported making offers to mills of the United States. Flaxseed prices are above the \$6 a bushel level, an unprecedented price, which explains in a large measure the present high figure on oil cake. Export buyers have taken the bulk of cake and meal offered, shipments being made to Holland, the Scandinavian countries and the British Empire. The foreign demand has fallen off sharply the last week, however, owing to the high level of prices and the acute foreign exchange situation.

In connection with the bearish feeling of the trade regarding future cottonseed feed prices, it is significant to note the appeal of the Buyers' and Sellers' Livestock association. Members of the organization, representing stockmen of Kansas and the Panhandle of Texas, are urged to delay purchases of cottonseed cake and meal until September, and preferably until October, this advice being based on the probability of a decline when the mills begin grinding generally in these months.

Shortage of cars in the country is interfering with the movement of wheat to market, and advices indicate farmers are nervous over the inability of carriers to meet their requirements. In many sections, the scarcity of cars is tending to increase the desire among producers to market their grain. No nervousness whatever should prevail over the present difficulty in obtaining cars. The wheat trade displays a strong tone, and later marketings may prove profitable. There is talk that the government may soon begin to pay its storage premium. Millers, not only in surrounding territory, but the Northwest and East, continue eager for wheat, and despite the increased arrivals the last week, prices scored slight advances. Dark hard wheat sold up to \$2.36 a bushel for the No. 3 grade, a premium of 22 cents a bushel over the government basis. Other grades of dark hard wheat sold within 5 cents of the government basis, the general market on this grade being 1 to 4 cents higher than in the preceding week. Hard wheat commanded a premium of 1 to 16 cents, being 1 to 2 cents lower, while red wheat sold fractionally higher, with sales showing premiums of as much as 4 cents a bushel. Government stocks of wheat in Kansas City amount to slightly more than 5 million bushels, representing its purchases mostly on warehouse receipts from elevators. Only small amounts of wheat have been tendered the government on the floor of the board of trade.

Corn Prices Went Lower

Slightly increased arrivals of cash corn failed to meet a broadened demand, with the result that prices declined moderately. Some grades of white corn, which recently have been in demand from millers, were off about 5 cents a bushel, other grades showing a loss of 2 to 8 cents, the range of sales at \$1.83 to \$1.98 a bushel. Freer offerings of new corn by Texas at small discounts had a weakening influence on the market. Further deterioration of the Kansas crop, however, offset in a large measure the Texas offers. Corn futures reacted fractionally from the sharp break of the preceding week. Continued weakness in hogs and the break in foreign exchange had a bearish effect.

Buying of oats was of fair volume. The poorer grades of the minor cereal closed the last week with a fractional advance, while good quality mixed and white oats sold down as much as 2 cents a bushel to 75 cents. A moderate increase occurred in the country movement, with grain from the new crop making up a considerable portion of the arrivals. Kansas City's stocks of oats increased 25,000 bushels to a total of 961,000 bushels. Threshing of oats is progressing over the country. Blight, grasshopper damage, premature development causing poorly filled heads and



Getting a "Square Deal" Price for Your Wheat

Disappoint the crooked wheat buyer. You are entitled to a certain price for your wheat, according to kind and quality. The September Farm Journal tells just what that price is—don't let it go for a cent less. How to settle price disputes, figure freight charges, etc., are fully explained. It is the first comprehensive statement made by a farm paper to wheat growers and is complete in the September issue of The Farm Journal.

"Pulling Together for Farmers' Profit"

Three farmers' organizations—The Farmers' National Council, The National Grange, and The National Board of Farm Organizations—are now working separately to advance the farmers' interests. From their own statements, The Farm Journal shows how and why these three organizations should unite on a common program. Read this article.

"3,633 Miles Across the Wealth-Belt"

What we think about roads, crops and people after automobiling over the highways of 12 states. Read this article, too.

"A Farm With Apoplexy"

Dr. W. J. Spillman tells how to prevent loss of your farm through a speculative high blood-pressure, followed by a bust-up.

"Police Protection for Every Country Home"

"Several States have rural police, and many others are thinking of it. This article tells how it works and whether it works."

"No Cheaper Building Material in Sight"

This article tells why farmers cannot expect lower prices and shows the wisdom of building and making improvements now.

Other Top-Notch Articles in the September Issue:

Manure—the Gold Mine on the Farm
What Is Hidden in a Pedigree?
\$50,000 From a \$2,000 Investment
It Pays to Keep an Automobile
Heating the Home
Making Every Apple Work to the Limit
Corn Cobs That Defy Old Man Time
Poison Gas and Other Ways of Killing Rats
Protecting Our Furred Friends
Shall We Waste Half a Million Road Dollars?
Paint Puts Profits Into Your Pants Pockets
Ways of Getting Acquainted With Your Tractor

Send 50c Now! For Two Full Years

Send 50c for subscription from July 1919 to June 1921. Or four years for \$1.

Money back any time you ask. Or ask nearest news dealer for September Farm Journal, now out.



The Farm Journal

"The Paper to Farm By"

PHILADELPHIA

125 Washington Square,

much shrunken grain, and drouth and rust have reduced sharply both the production and quality of the crop. Export buying at the present is dormant, but Europe is expected to provide a heavy outlet for the grain.

With arrivals of hay restricted by car shortage and continued heavy buying by the South, Southeast and East, also the Northwest, advances of \$1 to \$3 a ton occurred in the forage market. Alfalfa enjoyed the principal rise. For the first time in many weeks, alfalfa sold above \$30 a ton, a top of \$31 having been reached. Prairie is selling around \$17 to \$20.50, and tame hay from \$17 to \$26.50.

Kansas Girl Christens New Ship

The various war activities of the citizens of Cheyenne county, Kansas, were appropriately commemorated at the American International Shipbuilding Corporation's plant, Hog Island, near Philadelphia, Pa., on Friday afternoon, August 15, when the huge steel cargo carrier Bird City was successfully launched in the presence of residents of Bird City and officials of the United States Shipping Board Emergency Fleet Corporation, the American International Shipbuilding Corporation and thousands of employees of the world's largest shipyard.

Miss Bertha Kerndt, who took an active part in the various Liberty Loan drives in the Bird City district christened the vessel with champagne amid the cheers of the thousands present at the launching.

It was just a few minutes before 4 o'clock when the launching crew finished its task and the steel ship started down the way on its initial dip in the waters of the Delaware River and as it started Miss Kerndt crashed the bottle of champagne enclosed in a gold mesh case and decorated with the American colors against the bow of the vessel and said: "I christen thee, Bird City," and a few seconds later the vessel entered the river and was taken in charge by the waiting tugs and towed to the wet basin where the machinery installation and outfitting will be finished and the vessel ready for her delivery to the United States Shipping Board in about five weeks when in all probability she will be ordered to load a cargo at a Philadelphia grain elevator for a foreign port. Miss Kerndt was accompanied to the shipyard by Martha Baker, the Misses Erzell and Perth Lutz, the Misses Louise and Alice Trickett, and C. W. Trickett, all of Bird City, and E. W. Helms of the Emergency Fleet Corporation, and his mother, of Philadelphia. Others on the sponsors platform when the vessel took her initial dip were Matthew C. Brush, president of the American International Shipbuilding Corporation; Frederick Morris, authorized representative of the United States Shipping Board at the Hog Island yard, and the Misses M. Dooley and J. Meyers, of Philadelphia.

The launching of the Bird City brought the total vessels launched at the Hog Island shipyard since August 5, 1918, to 49 of which number 38 have been delivered to the Shipping Board and have covered 225,000 nautical miles carrying over 400,000 tons of cargo to the most important points of the world. More than 75,000 tons of wheat, rye, corn and flour and many tons of packing house products have been carried to the starving citizens of the European countries by the sister ships of the Bird City.

The Bird City is of 7,825 deadweight tons, 401 feet long and 50 feet beam. It burns oil for fuel and is driven by geared turbines of 2,500 shaft horsepower.

All of the vessels delivered to the Shipping Board by the Hog Island yard have functioned perfectly and at the present rate of earnings bid fair to pay for themselves in less than two years.

Watch Farm Gardens Now

(Continued from Page 8.)

sure that the plants will mature before warm weather, which causes it to run to seed quickly.

Experiments have shown Chinese cabbage to be very successful when grown as a winter crop in hotbeds and greenhouses, growing it under the same conditions as leaf lettuce. Gardeners and housewives should become better

acquainted with the many good qualities of this new vegetable. A short row planted now on land that has been vacated by earlier crops, will produce an abundance of greens and salad thru the fall until early winter. However, the soil must be fairly rich, well prepared, and moist, in order to insure prompt rapid growth. The plants grown from seed sown directly in the garden will stand drouth and heat to a certain extent while they are small, but cool moist weather must exist for the proper maturing of the heads. Hence the adaptability of this crop to the fall season especially.

In case of a mild late fall, Chinese cabbage may be had fresh from the garden almost until Christmas. This was the case on the Missouri Experiment Station Farm at Columbia in 1918. However, it is wise to protect the matured heads with a covering of straw early in November, under which the plants will keep nicely for weeks. If well headed plants are pulled with the roots on, they may be kept for a week or two in a cool cellar.

At the first sign of lameness in the colt be suspicious of navel ill. Even a blind mare rarely steps on her colt.

A Record in Breed Advertising

BY T. W. MORSE

Special issues of the various breed papers which came out during the summer of 1918 carried a mass of advertising which (considering the fact that summer months are looked upon as the dull ones) led most observers to feel that the limit had been reached. It is apparent, however, in more matters than this, that old fashioned ideas as to what constitutes "the limit" will have to be revised. So far as yours truly is concerned, revision is now taking place. I have just finished looking thru the dull season specials of the three magazines devoted entirely to Poland China hogs. They figure up as follows: Poland China Journal 716 pages, of which 505 pages are Poland China advertising; American Swineherd, 532 pages, of which 386½ pages are Poland China advertising and about 90 pages might be called field notes; Swine World, 338 pages, of which over 231½ pages are Poland China advertising. At an average rate of \$90 a page, the Poland China advertising amounts, respectively, to \$45,450; \$34,785 and \$20,835, or a total of \$100,000 for one issue each

of the three publications. This does not include \$2,500 to \$5,000 worth of advertising from auctioneers, stock food and serum manufacturers and other commercial concerns.

Capper Poultry Club

(Continued from Page 9.)

both the contestants and the onlookers! After the races fathers and sons were matched against each other in a baseball game, for which Mr. Horton made the arrangements. The sons were the victors, the score being 4 to 14.

In the Linn County picture are: first row, Hazel Horton, Pearl Morrell, Nellie Powls, Wilma Rogers, Elma Parmley; second row, Iva Featherston, Elva Howerton, Bertha Schmidt, Hazel Parmley, Blanche McGee.

Be sure to read Mr. Whitman's Capper Pig club story in this issue as it contains announcement of the program of events for the meeting of Capper boys and girls during the fair at Topeka.

It is much more fun to watch your money grow than to watch it go. Buy W. S. S.



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The Amateur Orchestra Plays Best With a Gulbransen

THE Gulbransen is the center—the inspiration—of many a home orchestra. It supplies an accomplished performer on the most difficult and important instrument—the piano.

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The Gulbransen is so Easy to Play that it never tires you. The pedals act so gently that a baby once played the Gulbransen as shown in the picture below—and gave us the idea for our trade mark. You have never tried a player that is so Easy to Play, so responsive, so alive.

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At the right are a few selections appropriate for the home orchestra. Try them on the Gulbransen at our dealer's store. He shows the Baby at the Pedals in his window and newspaper advertising. If you don't know him, write us for his address.

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Three models, all playable by hand or by roll, sold at the same prices to everybody, everywhere in the U.S., freight and war tax paid. Price branded in the back of each instrument at the factory:

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I Want a Doll	*Liebestraum—Liszt
How You Gonna Keep 'em Down on the Farm	*Traumerel—Schumann
Till We Meet Again	*Flatterer—Chaminade
Dear old Pal of Mine	*Simple Aveu—Thome
	*Love's Dream After the Ball—Czibucka
	American Patrol—Mencham
*Carmen—Grand Fantasia	Stars and Stripes—Souss
*Tales of Hoffman—Bacchante	Amoureuse—Berger
*Thais—Meditation	Estudiantina—Waldteufel
Il Trovatore—Anvil	Hearts and Flowers—Tobani
Chorus	Light Cavalry—Suppe
Lucia—Sextette	
Jocelyn—Berceuse	

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808 No. Sawyer Avenue Chicago

Kansas Gets Good Rains

Crop Conditions Improved Greatly This Week

BY JOHN W. WILKINSON

CROP CONDITIONS have improved somewhat in Kansas during the past week on account of local rains that fell in many parts of the state. These showers will revive the pastures and the late forage crops, but the rain came too late to be of any great benefit to the corn. However, several counties still continue dry and some places have had no rain of any consequence for two months or more. In these counties the ground is too dry to plow and seeding of the wheat crop will be delayed greatly. In fact, these counties unless they receive rain soon may plan to give up a large part of the usual wheat acreage to other crops. There is a growing belief among many farmers that the price of wheat next year may be so reduced that it will no longer be a profitable crop. There is no doubt that the acreage in corn, kafir, milo, feterita, cane, Sudan grass and other farm crops will be increased at the expense of the wheat crop. It is probably a safe bet, however, that at least the average acreage in wheat may be expected.

The most serious disappointment Kansas farmers have experienced this year is in the corn crop from which a large yield was expected. The corn made an excellent start in June, but the dry weather in July and August caught it at a critical time and checked its growth. However, much of the corn in Missouri, Oklahoma and Illinois is not nearly so good as the corn in Kansas. The largest and best yields probably will be found in Northeast Kansas which has been unusually favored with good rains thruout most of the growing season. Graham and some of the adjoining counties in Western Kansas also have had good rains and large yields of corn and kafir are expected. Threshing of wheat and oats in most of the counties is progressing very satisfactorily and more than 50 per cent of it has been completed. Oats are of good quality and show a satisfactory test. Some of the wheat is testing high and some very low. Many farmers are complaining of unfair grading and unfair treatment at the hands of the milling and elevator companies that purchase the grain. Senator Capper and Senator Curtis made strong representations to the Federal authorities about this unfairness and arrangements were made to have all such complaints investigated with a view to insuring justice and fair treatment for all concerned. Some counties report a shortage of cars and a pressing need for additional elevators and storage bins.

Good yields of hay have been made and fair prices have been obtained for most of the crop. Prices for livestock are good. Stock hogs are scarce and it is difficult to buy them in some places at any price. Cattle feeders are dissatisfied with the results of last year and many of them are not planning to do any feeding this winter. Farmers as a rule are prosperous and are in better financial condition than they have been for several years. Most of them are planning to spend some of their money for improved farm machinery, good silos, new dwellings, new barns, motor trucks, motor cars, buggies, carriages, home water works, home lighting plants, and other necessary equipment. Business men everywhere realize that Kansas this year will be good territory for prospective sales and that competition will be keen. The state as a whole is very prosperous. Local conditions in the state are shown in the county reports that follow:

Butler—Threshing of wheat and oats is nearly completed. A fair rain fell August 19 and weather has been cloudy but cool since. Some farmers are plowing but much headway has been made except with disk plows. Hogs are \$24 a hundred; shorts and bran \$3; butter 50c; eggs 40c.—Mrs. Charles Geer, Aug. 23.

Cheyenne—This dry weather is excellent for threshing but corn and feed crops need rain badly. Ground is too dry to plow. Most wheat fields are yielding more than farmers expected. Pastures are drying up but cattle are still in good condition. A few public sales have been held recently and all produce sold well. Wheat tests high and \$1.90 to \$2.05 is being paid at elevators. Eggs 32c; butterfat 52c to 55c.—F. M. Hurlock, Aug. 22.

Clay—Rain is needed for late corn and third crop of alfalfa. Many public sales are being held and all produce brings good

prices. Some land is being sold at increased prices. Cattle are healthy. Corn is \$2.05; wheat \$2.06; shorts \$2.80; bran \$2; hogs \$20.50; butter 60c; butterfat 55c; eggs 30c.—P. R. Forslund, Aug. 25.

Cloud—Weather still is dry and very little plowing has been done because ground is too hard to work. Shock threshing is completed. Wheat is unsatisfactory but oats are good. Only one-half of a corn crop is expected. The yield of prairie hay is large. Pastures are drying up. A good many public sales have been held and horses do not sell well. Several large farms are for rent. Many farmers are buying tractors.—W. H. Plumly, Aug. 23.

Cowley—Pastures are greening since a 2-inch rain which fell August 19. Farmers are plowing for wheat. Cattle are in good condition. Threshing is completed. Not many public sales have been held. Kafir crop will be light. Many silos will be filled this week.—Fred Page, Aug. 24.

Ellsworth—We have had no rain for 60 days. Grass is dry enough to burn and feed crops are damaged badly. Corn is almost a complete failure. Very little plowing has been done. Weather is excellent for threshing. Wheat yields 15 bushels an acre and tests light. Oats yields 20 to 30 bushels and the quality is good. Wheat is \$2.04; shorts \$3; bran \$2.25.—W. L. Reed, Aug. 23.

Finney—Crops are in good condition. We had good rains last week. Cattle are satisfactory. Eggs are worth 32c; fryers 21c; cream 61c; butter 50c.—Max Engler, Aug. 22.

Ford—Weather is cooler and threshing is progressing rapidly. Wheat averages 3 to 40 bushels an acre. Corn and feed crops need rain. There is a shortage of cars and the elevators are full.—John Zurbuchen, Aug. 23.

Geary—Weather still is dry and only half of a corn crop is expected. Wheat acreage will be smaller than last year. Good wheat brings \$2.04 but most of it is a poor grade. Hogs are scarce. Some cattle are being shipped out.—O. R. Strauss, Aug. 23.

Graham—Harvest is over but very little threshing has been done. Rains fell recently which would be of much benefit to corn and feed crops. There will be some good corn in the county. Some plowing has been done. Wheat acreage will be smaller this year.—C. L. Kohler, Aug. 16.

Haskell—Weather is hot and dry but feed is holding out. Farmers still are threshing. Poison for hoppers is being scattered. Local showers fell this week, and some hail which damaged feed. Butterfat 53c; wheat \$2.04.—Harold Tegarden, Aug. 23.

Hodgeman—Weather still is dry. Feed crops are in satisfactory condition and many yields are heading. Not much wheat ground has been prepared. Farmers receive \$1.85 for 57 pound wheat. Butterfat is 55c; eggs 30c.—W. B. Severs, Aug. 22.

Jewell—No rain has fallen for four weeks. Pastures are drying up and corn is damaged badly, but would still make part of a crop if it would rain soon. Farmers are putting up prairie hay and the yield is good. Threshing machines are running full time. Oats in south part of county yielded 40 bushels an acre.—U. S. Godding, Aug. 16.

Logan—Weather is very dry and cane and corn are suffering. Barley and oats are yielding 30 to 50 bushels an acre and wheat 10 to 30 bushels. Horses bring very low prices. Milk cows sell for \$60 to \$65. Barley is \$1.05; oats 75c; wheat \$2; cream 61c; butter 55c; eggs 35c.—T. J. Daw, Aug. 21.

McPherson—We have had no rain since July 4. Seventy-five per cent of threshing is completed and the wheat acreage will be 40 per cent less than last year. Oats are being shipped in for feed. Very little corn will be raised this year. Pastures are dry but there is plenty of water. Farmers have almost finished cutting prairie hay and the crop is good. There are few hogs in the county.—John Ostlund, Aug. 22.

Morris—Threshing is nearly completed. Kanred wheat yields 20 to 35 bushels an acre and other varieties 15 to 24 bushels. Very little grain tested up to 60. Oats averaged 35 bushels an acre. Corn crop will be light. Prairie hay yields well but is weedy. Corn shipped in is selling for \$2.05 to \$2.15. Pastures are holding out well.—J. R. Henry, Aug. 23.

Nemaha—South half of county received four good rains recently and prospects for a large corn crop are excellent. Wheat is very poor and oats are a complete failure. Grass is good and cattle are fattening.—A. H. Geren, Aug. 17.

Osborne—It is too dry for any farm work except threshing. Very little plowing has been done. Farmers are wondering how they will sow wheat. Pastures are weedy but there is plenty of grass. Cattle are in satisfactory condition.—W. F. Arnold, Aug. 23.

Rawlins—Farmers are threshing. Wheat yields 15 to 35 bushels an acre. We need rain for corn and feed crops. Some wheat tests 62 and brings \$2.05 in Atwood. It is too dry to plow. Threshers receive 60c to 70c an hour. Barley is \$1.10 a bushel.—A. Madsen, Aug. 22.

Reno—Ground is soaked from recent rains and is in excellent condition for plowing. Threshing is one-half completed. There is much straw but little wheat. Grass is greening well. Weather is cool since the rain. A great deal of wheat is going to market at all prices. All old corn has been fed.—D. Engelhart, Aug. 23.

Western Kansas Prospers

J. W. Johnson, of the Capper Farm Press livestock service writes from Hays, Kan: "I never saw Western Kansas look so good. Corn is fine and with another rain soon will make a good crop. It is not hurt any and is green and fine. Pastures are green and wheat is making a good 18 or 20-bushel average. Lots of it is going as high as 40 bushels to the acre. There is a lot of feed of all kinds out here."

Real Estate Market Place

Real estate advertisements on this page (in the small type, set solid and classified by states) cost 45 cents per line per issue. Send check, money order or draft with your advertisement. After studying the other advertisements you can write a good one and figure the cost. About six and a half words make an agate line. Count initials and numbers as words. There are 7 Capper Publications totaling over 1,000,000 circulation and widely used in this advertising. Ask us about them.

Special Notice All advertising copy discontinuance or change of address 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.

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GOOD LAND, good terms, some trades. Lee Schesser, Prairie View, Kansas.

IF YOU WANT a good dairy, stock or grain farm write W. H. Newby, Tonganoxie, Kan.

WELL-IMPROVED farms, \$85 to \$125 per acre. I. N. Compton, Valley Falls, Kan.

BARGAINS. Bargains in wheat farms and stock ranches. Write for list. W. E. McAdams, Brewster, Kansas.

FOR SALE—All kinds of farms in N. E. Kan. Send for printed list. Silas D. Warner, 727 1/2 Commercial St., Atchison, Kan.

FOR SALE—Good farms from \$80 to \$125 per acre. Call on, or address, O. C. Faxon, Meriden, Kansas.

FOR SALE—Improved half section of level wheat land, \$50 per acre. Herman Long, Wakeeney, Kansas.

80 ACRES, 4 1/2 miles out, imp., \$90 per acre. Other farms for sale. Write for list. Bert W. Booth, Valley Falls, Kansas.

WE DON'T OWN THE WORLD, we sell it. Write for farm list and pictures. Kansas Land Company, Ottawa, Kansas.

WRITE for our free list of eastern Kansas farms and ranches for sale. The Eastern Kansas Land Co., Quenemo, Kan.

FOR SALE. Fall River and Verdigris river valley lands. Also some extra good stock farms and ranches. L. S. Hoover, Eureka, Kan.

WE ARE up to the minute on western farms and ranches. Write for descriptive list. McKinley and Ely, Ashland, Kan.

BUY YOUR WESTERN KANSAS LAND. If you will price it down right for cash. Layton Bros. Land & Inv. Co., Salina, Kan.

FOR SALE or trade for good land. A telephone exch. and business building. Good income. For terms address Box 121, Sycamore, Kansas.

A BARGAIN, 480 acres fine smooth land 1/2 mile from Leoti, Wichita county, Kansas. Price \$20 per acre. Address E. O. Sowers, Leoti, Kansas.

160 ACRES, improved, all level. Good small house, three room, large barn, good water. Sec. leased pasture, 7 ml. Weskan. \$22.50. Delbert Symes, Sharon Springs, Kan.

960 ACRES, southeast Finney county, improved, would divide. Write for price and terms. T. L. Crabb, Owner, Garden City, Kansas.

117 ACRES, located 3 ml. Ottawa, Kansas, on county highway, all smooth, good, tillable land, 30 acres pasture, remainder cult. Good 7 room house, good barn, new garage, 1/2 ml. school, close to church, R. F. D. and telephone. Price \$135 per acre. Possession any time. D. L. Casida, Ottawa, Kansas.

Some Real Investments

3280-acre ranch, Ness County, Kan., 2 1/2 miles of town, improvements good, 2 houses, large barn, granary, garage, cattle shed, etc.; 600 acres in cultivation, balance in pasture land with 30 to 40 good springs. Price \$30 per acre and owner will consider some trade.

4,000 acres, 2,720 acres deeded land, Greeley County, 4 1/2 miles of town, well improved, 100 acres in cultivation, 40 acres good alfalfa. Price \$20 per acre. Owner will trade on farm in Central Kansas.

1,943 acres, Hodgeman County, Kan., 8 miles of Jetmore, 450 acres in cultivation, improved, good fences, plenty of water for stock. Price \$50,000. Owner lives in California and will trade for income property or land in that state of equal value.

1,300-acre ranch, Wichita County, Kan., joins inland town, well improved, 250 acres in cultivation, lays in the irrigation belt of Wichita County; a splendid combined farm and stock ranch. Price \$20 per acre. Owner will trade for farm land in this or adjoining counties.

640 acres Ellsworth County, 3 1/2 miles of town, shipping station on the land, 180 acres in cultivation, balance good blue stem and buffalo grass land, running water and springs, large buildings. Price \$65 per acre. Will consider trade.

Bargains in 1/4s, 1/2s and sections.

Write us for full particulars.

Arkansas Valley Land Co.

Phone Market 1252

143 N. Market

Wichita, Kansas

KANSAS

320 ACRES, 110 acres broke, all creek bottom, 2 sets of improvements, 30 acres alfalfa, well located, a real snap, best in County. Price \$60 per acre. **G. W. Meyer, Fredonia, Kansas.**

160 ACRE WHEAT FARM, Rush county, all under cultivation, close to market, rented, no improvements. Is a bargain at \$7,000. Also well improved farms. Write for descriptions. **Jas. H. Little, LaCrosse, Kansas.**

IMPROVED QUARTER, 3 miles town. Easy terms. House, barn, well, fence, etc. 70 acres in crop, share goes. \$800 cash, balance to suit. No trades. Write owners. **Griffith & Baughman, Liberal, Kansas.**

WE HAVE the most complete list of Franklin Co., Kansas, farms at attractive prices. One of the best improved bottom farms in Franklin Co., 280 acres at \$135 per acre. **Bridwell-Gilley-Pember, Ottawa, Kansas.**

HALF SECTION, ten miles north of Brownell, Kansas, half under cult., good shade trees, improvement fair. \$30 per acre. Also good sec. in same neighborhood, running water, \$20. **Herbert & Norcross, Ellis, Kan.**

WALLACE COUNTY, KANSAS
Write me for prices of land in the famous Sharon Springs district, shallow water and sub-irrigated farms. **G. G. Inman, Real Estate Broker, Sharon Springs, Kansas.**

640 ACRES nicely improved, 280 acres in cultivation, balance good grass pasture, three-fourths level land. Plenty good water, shallow. \$15 per acre, terms, no trade. **J. B. Cramer, Dighton, Kansas.**

A GOOD BARGAIN.
160 acres, Rush County, Kansas, lying about 5 miles from good railroad town and market, under cultivation, best of soil, always rented. \$8,000. Best of terms. Write **Schutte & Newman, LaCrosse, Kansas.**

FOR SALE.
Sec. of land in Russell Co. All in grass. 400 a. can be plowed. Plenty water, all fenced. Mortgage \$9,000 runs 3 years at 6%. Priced \$22,000. Cheapest land in Russell Co. Address **Lock Box 6, Bunker Hill, Kansas.**

RANCH BARGAIN: 640 acres, improved, smooth, school across road, in well settled community. Well watered, fine grass. \$25 acre, easy terms, six per cent. Other lands, free map, list and literature. **F. T. McNinch, Ransom, Ness Co., Kansas.**
BEAUTIFUL 80 acre farm, 1 ml. Ottawa, splendid improvements. Choice property. Write for description of this or any size tract interested in. Free booklet. **Mansfield Land & Loan Co., Ottawa, Kan.**

ONE OF THE VERY BEST grain and stock ranches in Osborne county, 7 ml. Luray, Kan. 720 a. all fenced. 320 a. good farm land, 400 a. pasture. Plenty water. Well improved and modern. \$50 a. Possession when sold. **J. R. Whitson, Luray, Kan.**

FOR SALE OR TRADE
480 a. improved farm, 9 room house, barn 40x60x16, 350 cultivation, balance pasture and mow land, 1/2 mile to R. R. and elevator. 1 mile to school, 18 miles Topeka. Price \$85 per acre. **J. W. Watkins, Quenemo, Kansas.**

FOR SALE OR TRADE FOR FARM.
Ten acres, modern house of 12 rooms, barn, poultry house, good well, cistern, cement walks, lots of old shade. 1/4 mile west of college campus. Address. **O. J. Gould, Manhattan, Kansas.**

NESS COUNTY, KANSAS, LANDS
Good wheat, alfalfa and ranch lands at bargain prices. Several excellent ranches. Write for price list, county map and literature. **FLOYD & FLOYD, Ness City, Kan.**

170 ACRES, Osage Co., Kansas, 3 1/2 miles town, close to school, 110 acres cultivation including 35 acres alfalfa on creek bottom, 20 acres prairie hay meadow, balance blue-grass pasture, 7 room house, cellar, barn 20x46, silo, barn 44x42, granary 40x40, garage, all fenced and cross fenced hog tight. Price \$100 per acre. Terms. **The Eastern Kansas Land Co., Quenemo, Kan.**

440 ACRES, fair improvements, 240 a. cultivated, balance pasture and timber, 140 a. bottom land, 30 a. alfalfa, 3 1/2 ml. good town, 1/4 ml. to school. \$90 per acre. 160 acres, fair improvements, 80 a. cult., balance grass, 20 a. alfalfa, bargain, \$85 a. **Richards & Moore, White City, Kansas.**

158 1/2 ACRES second bottom, well improved on good road, young orchard, plenty of shade, 1 mile to trading point, 5 ml. from Valley Falls, Kansas. Never-falling soft water. Can get possession Sept. 1. Price \$24,000, will carry back \$10,000 at 6%. Farms of all sizes for sale. **Benj. J. Griffin, Valley Falls, Kansas.**

FARMS OFFERED BY OWNERS
No. 1, 800 acres smooth, Greeley Co. land. \$12.50 an acre. Liberal terms. No. 2, 640 acres. \$12.50 an acre. No. 3, four square sections. Improved. \$17.50 an acre. Loan back \$12,000 five years, 6%. Ready to move March 1 and made money. **Clement L. Wilson, Tribune, Kansas.**

120 ACRES, 4 ml. from good town, land all lays well and in high state of cultivation. Black limestone soil, close to school. New, nice and complete set of imp., lots of fruit. An ideal home in every way. \$100 per acre. We have 40s, 80s, 160s and larger. Write for descriptive circular. **Dickey Land Co., Ottawa, Kansas.**

1,440 ACRES, heavy black soil; 900 acres in cultivation, 840 acres of fine wheat; third goes if sold before June 1st. Two sets of improvements, all fenced and cross fenced, wells, tanks and windmills. Price for quick sale, only \$50 per acre. **John Ferrier, Wichita, Kan.**

COFFEY COUNTY BARGAINS
80 acres, improved, 9 ml. of Waverly, best of soil, lays good, everlasting water. Price \$4,500. Good terms. **80 acres, improved, 5 ml. good town, lays fine, good soil, close to school, well watered. Price \$5,200. Good terms.**

160 acres, improved, 3 1/2 ml. of good town, good soil, lays fine, plenty of water. Price \$60 per acre. Good terms. **The above are all bargains, for further information write, or better, come see at they positively will not last long at**

Waverly, Kansas.

KANSAS

FOR SALE TO CLOSE AN ESTATE
640 acres, section 5, township 13, range 41, in Wallace county, Kansas. Price \$20 per acre. Several never failing springs of water, three miles from R. R. Terms. **M. M. St. Clair, Fort Collins, Colo.**

GOVE COUNTY, KANSAS, barley is paying double the price of the land it grew on this year. Will raise more corn than Mitchell, Lincoln and Ellsworth counties combined. Better buy some of this land. I sell it. **Harry Porter, Quinter, Kansas.**

KANSAS FARM AND RANCH
6,366 acres, well improved, 4 1/2 miles from railroad station, on good river, in north central Kansas. Has 1,100 acres in corn, half goes with land; nearly 2,000 acres choice bottom alfalfa and corn land; considerable growing alfalfa; 2,500 acres wheat land; 1,000 acres was in wheat this year; balance rolling limestone grass land; breeding herd of 400 Hereford cattle can be sold with ranch. Price of this land, \$37.50 per acre. **O. J. Gould, Bonfils Bldg., Kansas City, Mo.**

Eastern Kansas Farms Largest Lyon and Coffey Co., for sale by **Ed. F. Milner, Hartford, Kan.**

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WHITE TOM TETER, SHERIDAN, ARK., for bargains in good farms.

WHITE TOM BLODGETT, Pine Bluff, Ark., for land bargains that will double in value.

IF INTERESTED in fine farm and timbered land in northeast Arkansas, see or write **F. M. Messer, Hoxie, Arkansas.**

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Leaders in farm and town property.

BUY A FARM in the great fruit and farming country of northwest Arkansas where land is cheap and terms are reasonable. For free literature and list of farms, write **J. M. Doyel, Mountainburg, Ark.**

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Unusual bargains in low priced farms with comfortable buildings for \$10 to \$40 per acre on good terms. Send for copy of farm bulletin with descriptions of over fifty farms. **Stuart Land Company, DeQueen, Arkansas.**

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WRITE for free Mississippi map and land list. **Land Market, Box 843, Meridian, Miss.**

MISCELLANEOUS

WANT to hear from owner of farm for sale. **Mrs. W. Booth, H.P. Sta., Des Moines, Ia.**

I HAVE cash buyers for salable farms. Will deal with owners only. Give description, location and cash price. **James P. White, New Franklin, Mo.**

EASTERN COLO. and western Kans. land. Buy direct and save commission, abundance of water. Prices from \$8 to \$25 per acre on easy terms. Call or write **F. L. Hammitt, Towner, Colorado.**

FOR SALE: 200 acres creek bottom farm, exceptionally well improved, with everlasting water. A bargain. Fall possession. Price \$100 per acre. For particulars write **A. C. Maxson, Ottawa, Kan.**

FINE FARMING LAND northwest Texas. \$25 per acre. Best terms in the world. Improved farms around Oklahoma City where you sure have market for everything that is grown from soil. \$50 to \$100 per acre. Terms. **W. S. McCoy, 315 Liberty National Bank Bldg., Oklahoma City, Oklahoma.**

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The U. S. Railroad Administration is prepared to furnish accurate information to home-seekers regarding opportunities in the south.

Name the state you want to learn about.

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OKLAHOMA

WRITE US for prices on good wheat, alfalfa and ranch land, 80 a. to 3,000 a. **E. M. Dempsey, 124 1/2 West Randolph, Enid, Okla.**

240 A. GOOD LAND 9 mi. McAlester. 175 A. cult. 6 room house, big barn, two sets tenant imp. \$37.50 per acre. **Southern Realty Co., McAlester, Okla.**

160 ACRES fine prairie, 100 cultivated, fair improvements, rich loam soil, lays well. 6 miles from county seat, on phone and mail lines. \$35 per acre. Terms. **Baldwin & Gibbs Co., Anadarko, Okla.**

QUALITY FARMS in a good section of Eastern Oklahoma. Write us for prices and government booklet on farming in Okla. **Hurt & Hobson, Checotah, Oklahoma.**

GOING TO BUY a farm? Write me what you want. I can please you with quality and prices. **T. C. Bowling, Pryor, Okla.**

A BIG VARIETY of low priced farms in Latimer County, Eastern Oklahoma. 35 inch rainfall. Write for illustrated U. S. Government booklet on Oklahoma. **J. Poe, Wilburton, Okla.**

WRITE US what kind of a farm you want. Our land is in Northeastern Okla. where markets, schools, rainfall and social conditions are good. We can please you. **Huling & Huling, Bartlesville, Okla.**

OKLAHOMA FARM LANDS.
Come to Oklahoma and enjoy prosperity, good health and a nice place to live. We have had fifteen years' experience handling lands and can find just the farm you want. We are also in the farm loan business and can lend you part of the purchase price. Write us for booklet and descriptive circulars. **Culbertson & Tomm, 208 North Third Street, Muskogee, Okla.**

YESTERDAY—TODAY: Thirty years ago good lands of the great corn belt sold around \$50. Today they are \$200 to \$400. The increase has made the owners rich. Today—Tomorrow: Good corn and alfalfa lands in the 35-inch rainfall belt of Eastern Oklahoma sell today at \$75 to \$100. Ten years ago they were \$25 to \$50. Ten years hence they assuredly will be \$100 to \$200 and more.

A Booklet issued by the United States Railway Administration tells facts about farming in Eastern Oklahoma. It quotes prices from less than \$10 to over \$200 an acre. Any homeseeker or investor needs this booklet. Write us what kind of a farm you want and how much money you can pay down. We will send you the government booklet, and tell you who has the farm for sale. **Farm Bureau, Care of Industrial Department, M. K. & T. Railway, Room 318, Dallas, Texas.**

MOVE ON THIS FARM

This is a good farm and ranch but I can't give it my personal attention and am going to sell it and sell it cheap.

Located in western Oklahoma, seven miles from railroad; 1,120 acres, all, 325 acres in cultivation and the balance in good pasture. All fenced and cross fenced.

Never failing spring branches and two good wells with wind mills. Two sets of improvements make practical a division into two smaller farms of 520 and 600 acres each. Will sell the whole ranch or either farm. Price \$25 an acre. Terms easy. Plat and detailed description on request.

C. C. ROBERTS, Owner
250 American National Bank Bldg., Oklahoma City, Okla.

TEXAS.

Big Crops in Northwest Texas on the New Line of the Santa Fe

The Federal Railroad Administration has authorized the completion of the new Shattuck Branch of the Santa Fe Railroad to take care of this year's big crops—wheat, oats and sorghums. This will open for immediate settlement and development a large block of my land in a wheat and stock-farming section of Ochiltree and Hansford counties in northwest Texas near Oklahoma state line, where the first crop has in a number of cases paid for the land, and where cattle and hogs can be raised at a low cost. Land is of a prairie character ready for the plow, no stone, stumps, no brush to be cleared, at attractive prices on easy terms. Climate beautiful, rain falls during growing season. Write for free illustrated folder, giving experience and results settlers have secured in short time on small capital. **T. C. SPEARMAN, Chicago, Ill.**

WISCONSIN

IF YOU WANT to sell or exchange your property, write me. **John J. Black, 75 St., Chippewa Falls, Wis.**

MISSOURI

OUR BIG new list for the asking. **Amoret Realty Co., Amoret, Mo.**

GOOD FARMS FOR SALE OR EXCHANGE. **J. W. Fitzmaurice, Forest City, Mo.**

LISTEN, dandy 120 acre farm. \$2900; dandy 400-acres \$10. **McGrath, Mtn. View, Mo.**

REAL BARGAINS in Mo. farms; write for illustrated booklet and list. **R. L. Presson, Bolivar, Mo.**

W. J. BARKER REALTY CO., Bolivar, Mo. Write for booklet and prices. Best bargains in Missouri.

SAY, FOLKS—Brittain Realty Co., Chillicothe, Mo., has honest to goodness homes in Livingston Co. Write.

MISSOURI

ALL KINDS OF CITY property, farms and ranches for sale and exchange. Write **Roy & Stephens, Mansfield, Missouri.**

FREE VIEWS—200 improved, fruit, good water. Healthiest in U. S. A. \$4,000. Terms. Lists. **Arthur, 594 Mt. View, Mo.**

ATTENTION, farmers—Improved farms in southwest Missouri, from \$25 to \$50 per acre; write me your wants. **Frank M. Hamel, Marshfield, Mo.**

IF YOU WANT a large or small prairie or timber farm, pure spring water, no crop failures, write **J. E. Loy, Flemington, Mo.**

80 ACRES, improved, 20 a. bottom, 3 miles railroad, \$2,000, \$300 down. 40 acres \$500, \$200 down. Other bargains, get list. **Tom King, Weaubleau, Mo.**

POOR MAN'S CHANCE—\$5 down, \$5 monthly, buys 40 acres productive land, near town, some timber, healthy location. Price \$200. Other bargains. **Box 425-O, Carthage, Mo.**

SOUTH MISSOURI

Is the place to invest in real estate. We have farms, ranches and timber land. Write for list. **Douglas Co. Abst. Co., Ava, Mo.**

400 ACRE FARM, Vernon Co., Mo. 3 1/4 ml. R. R. town, improved, 240 a. second bottom, Black fertile soil, belongs to heirs, must sell now. Price \$50 per acre. **W. H. Hunt, Schell City, Mo.**

BEST LAND BUY

In the United States today is southeast Missouri cut-over land. We have 7,000 acres for sale in tracts of 40 acres and up, at reasonable prices, terms 10% cash, the balance 10 years after date at 6% interest. It is all a deep, rich, black sandy loam soil that will please the most critical buyer. Located in the famous Little River drainage district, in the fastest developing agricultural county in the country.

The only remaining undeveloped corn lands in the country are these reclaimed lands. During the past four and one-half years we have sold 64,692 acres of them to 492 different people. Let us send you their names, also full information. Address **Dept. 12, Himmelberger-Harrison Land Selling Co., Cape Girardeau, Mo.**

COLORADO

30,000 ACRES choice raw or imp. Lincoln Co., Colorado lands. Bargains, easy terms. See **J. L. Maurer, Arriba, Colo.**

320 A. IMP. 90 a. cult. Balance plow land. Good school, good water. \$30 a. **W. O. Tuttle, Stratton, Colo.**

FOR SALE—640 acres good stock land with running water, near Holly, Colorado. **William Irving, 7 Couch St., Taunton, Mass.**

COLORADO FARMS and ranches, \$5 to \$30 per acre. Write for particulars. **Hollingsworth Land Co., Arriba, Lincoln County, Colo.**

FOR SALE—160 acres. Good irrigated farm, producing fine crops. Price \$110 per acre. **The Charles E. Gibson Co., Alamosa, Colo.**

25 BUSHELS wheat now threshing here, on \$10 land. For particulars, write **F. A. Williams, Owner, S. Convent St., Trinidad, Colo.**

WRITE the **J. H. Rouze Realty Co., Burlington, Colorado**, for prices of land, in the famous Burlington district. 500 families wanted.

EASTERN COLORADO.

Irrigated farms. Any size, ranches and upland farms. Write for list. **C. A. Quimby, Granada, Colorado.**

C. L. PAXTON, the live wire real estate man. Relinquishments and deeded land for sale. In alfalfa and fruit district. 18 miles east of Pueblo. Box 15, Boone, Colo.

FARMS OF ALL SIZES in eastern Colorado. \$20 to \$60 corn, wheat, oats, barley, pinto beans. Sure crops. **C. C. Whiteaker, Simla, Colo.**

COLORADO LAND Lincoln Co. Imp. and unimproved, 160 to 2,500 a. at \$15 to \$55 a. Write for descriptive list. **M. H. Yerrick, Bovina, Colo.**

40 BUSHEL WHEAT LAND, \$40 per acre, in the famous Burlington district, the garden spot of Colorado. Agents wanted. Write for our confidential proposition. **Bentley Land Company, Burlington, Colo.**

FARMS where one crop pays for the land. Fine climate, good schools and roads, \$20 per acre; raise wheat, oats, corn and stock; good markets. **J. J. Ramsey, Calhan, Colo.**

640 ACRES of land, 90 acres broke, at \$12 per acre, some terms. Also other farming and grazing land in every size tracts at attractive prices while they last. Write **F. S. Bradney, Brush, Colo.**

EASTERN COLORADO and Western Kansas land. Farms, ranches and investments. Tracts of 160 to 2,500 acres. Our prices from \$12.50 to \$30 per acre. **Barnes & Doty, Towner, Colo.**

BUY AND SELL my own farms and ranches. Can save you money by buying direct. Good farms, join town, best of climate. Pure soft water, best of terms to responsible parties. **W. H. Harper, Simla, Colo.**

WELL IMPROVED 320 in rain belt of eastern Colorado, telephone, rural route, lots of soft water, good schools, good markets, healthy climate, all tillable, can be tractor farmed. Bargain for quick sale. **H. S. Vandergrift, Owner, Matheson, Colo.**

BEST LANDS.

The best closest priced lands in Kiowa and Cheyenne counties, Colo. 160 to 5,000 acre tracts, raw and improved. \$17 to \$35 per acre. Best climate, soil. Do not pay three or four commissions to be brought here. Own most of what I offer. Write or come now. **R. T. Cline & Sons, Brandon, Colo.**

IMPROVED IRRIGATED FARMS IN SOUTHERN COLORADO

We have an exceptional list of improved farms under irrigation, which we are offering at attractive prices. Lands are rapidly advancing in price and these sure-crop bargains will not last long at the prices at which they are offered. Write for list. **The Costilla Estates Development Company, Box "A", San Acacio, Colorado.**

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Rate: 8 cents a word, each insertion, on orders for less than four insertions; for four or more consecutive insertions the rate is 7 cents a word. Count as a word each abbreviation, initial or number in advertisement and signature. No display type or illustrations admitted. Remittances must accompany orders. Real estate and livestock advertising have separate departments and are not accepted for this department.

This is where buyers and sellers meet every week to do business—are you represented? Try a 4-time order. The cost is so small—the results so big, you cannot afford to be out.

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11.....	.88	3.08	27.....	2.16	7.56
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13.....	1.04	3.64	29.....	2.32	8.12
14.....	1.12	3.92	30.....	2.40	8.40
15.....	1.20	4.20	31.....	2.48	8.68
16.....	1.28	4.48	32.....	2.56	8.96
17.....	1.36	4.76	33.....	2.64	9.24
18.....	1.44	5.04	34.....	2.72	9.52
19.....	1.52	5.32	35.....	2.80	9.80
20.....	1.60	5.60	36.....	2.88	10.08
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POULTRY.

So many elements enter into the shipping of eggs by our advertisers and the hatching of same by our subscribers that the publishers of this paper cannot guarantee that eggs shipped shall reach the buyer unbroken, nor can they guarantee the hatching of eggs. Neither can we guarantee that fowls or baby chicks will reach destination alive, nor that they will be satisfactory because opinion varies as to value of poultry that is sold for more than market price. We shall continue to exercise the greatest care in allowing poultry and egg advertisers to use this paper, but our responsibility must end with that.

ANCONAS.

ANCONA COCKERELS FOR SALE. TEN months layers \$3 to \$5. Gilbert M. Gander, Baldwin, Kan.

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PURE BRED BARRED ROCKS, BLACK Langshans, R. I. Reds, \$4.50 for 25; \$18 for 100. Pure bred to lay, White Leghorns, \$4 for 25; \$16 for 100. Odds and ends each hatch, \$15 for 100. Prepaid. Safe delivery guaranteed. Floyd P. Smith, Martinsburg, Mo.

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EXTRA FINE THORO BREED BLACK Langshan cockerels, March and April hatched. \$6 to \$15 each. Maggie Burch, Oyer, Mo.

COCKERELS.

TEN LEADING PURE BRED VARIETIES. March and April hatched. Prices right. Floyd P. Smith, Martinsburg, Mo.

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100 PURE SINGLE COMB BROWN LEG-horn cockerels \$1 each. Chas. Dorr, Osage City, Kan.

FOR SALE. PUREBRED SCARLET COMB White Leghorn Roosters. J. L. Proctor, Cummins, Kan.

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GUARANTEED PURE BRED ROSE COMB Brown Leghorn cockerels, \$1.50. Mrs. Lee Smith, R. 2, Kanopolis, Kan.

FINE PUREBRED SINGLE COMB BROWN Leghorn Cockerels, April hatch \$1. Mrs. John Berry, Waterville, Kan.

CLOSING OUT MY FLOCK OF SCARLET Comb Brown Leghorn hens. \$14 per doz. Cockerels 10 for \$9. Mrs. Thos. Cline, Lebanon, Kan.

ENGLISH STRAIN SINGLE COMB WHITE Leghorn hens \$2 each. Early hatch cockerels \$1.50 each. While they last. H. W. Chestnut, Kincaid, Kan.

I WANT TO BUY 1000 SINGLE COMB White Leghorn, White Orpington or White Plymouth Rock pullets. Quote lowest price. Clyde Caldwell, Smith Center, Kan.

MINORCAS.

APRIL HATCHED COCKERELS, \$3 EACH. John Poisal, Agra, Kan.

PLYMOUTH ROCKS.

SINGLE COMB WHITE ROCKS—APRIL hatched. Pullets \$1.75; cockerels \$2. Limited number, order immediately. Chas. Gent, Anthony, Kan.

WYANDOTTES.

GOLDEN LACED WYANDOTTES FOR sale. D. Lawler, R. 3, Weir, Kan.

SEVERAL VARIETIES.

ROSE COMB BROWN LEGHORN, ANCONA cockerels \$1.50. Ancona pullets 75c. M. Andis, Montezuma, Kan.

POULTRY WANTED.

SHIP POULTRY AND EGGS NOW TO "THE Copes," Topeka, Kan. Established 1883.

BUSINESS CHANCES.

FOR LEASE ON ACCOUNT OF HEALTH—My poultry ranch, fully equipped, sixty acres, dairy sideline. Established 1910. Merit closest investigation. Write immediately. Chas. Grant, Elk Falls, Kan.

MONEY IN GRAIN—\$25 INVESTED IN grain or stocks on our plan gives opportunity to make \$250; no further risk; markets active; act quickly. Merchants Brokerage Co., 901 Dwight Bldg., Kansas City, Kan.

RABBITS.

FOR SALE CHEAP, ALL BREEDS OF rabbits, guinea pigs, white rats and mice; also hounds. Write Floyd Tremblay, Haigler, Neb.

CLASSY NEW ZEALAND RED RABBITS. Deep rich red in color; fine healthy stock. Does two months old \$2. C. P. Pardee, Delphos, Kan.

FOR SALE—NEW ZEALAND RABBITS—Belgian hares. Pedigreed stock, none better. Write for prices. H. W. Smith, \$14 S. Webster St., Junction City, Kan.

SEEDS AND NURSERIES.

KANRED WHEAT \$3 PER BUSHEL, Arthur A. Patterson, Ellsworth, Kan.

KANRED SEED WHEAT \$3 PER BUSHEL, sacks extra. J. H. Taylor and Sons, Chapman, Kan.

WE WANT TO BUY NEW CROP WHITE sweet clover, alfalfa, red clover and timothy seed. Mail samples to Ft. Smith Seed Co., Ft. Smith, Ark.

INSPECTED KANRED SEED WHEAT FOR sale. Write for list of members of the Kansas Crop Improvement Association having Kanred seed for sale. B. S. Wilson, Secretary-Treasurer, Manhattan, Kan.

HIGH PRICES PAID FOR FARM AND dairy products by city people. A small classified advertisement in the Topeka Daily Capital will sell your apples, potatoes, pears, tomatoes and other surplus farm produce at small cost—only one cent a word each insertion. Try it.

FOR SALE—KANRED WHEAT FOR SEED. This wheat made 19 bu.; 5 bu. per acre more than Turkey Red sowed the same day on same forty. It contains a small amount of oats from the volunteer oats that lived through the winter. We are offering this at \$2.75 as it is. F. O. B. farm or \$3 if re-cleaned. C. A. Fees, R. 4, Wichita, Kan.

KANRED SEED WHEAT. YOU SHOULD plant it; it yields more, resists rust, stands winter killing, matures earlier. Price per bushel (sacks extra), pure cleaned carlots, \$2.75 on track; \$3 in small lots, sacked F. O. B. track. Also Montana Red Wheat price \$2.75. Small lots. This latter wheat compares well with Kanred. Fred Windhorst, Belpre, Kan.

DOGS

SCOTCH COLLIE PUPPIES FOR SALE. Western Home Kennels, St. John, Kan.

FOX TERRIER RATTERS, OLD AND young. Gnette and Gnette, Florence, Kan.

GROWN WOLF DOGS AND PUPS FOR sale. Homer Foxworthy, Cottonwood Falls, Kan.

AIREDALE PUPPIES, PUREBRED, REGISTERED, best of breeding. Ralph Jamison, Alamota, Kan.

FOR SALE—COLLIE PUPPIES, WEANED, perfect markings, workers. Frank Barrington, Sedan, Kan.

WANTED—100 WHITE ESKIMO-SPITZ puppies, about 6 weeks old. Brockways Kennels, Baldwin, Kan.

COON HOUND PUPS, 3 WEEKS OLD. From best hunting stock. Priced right, for immediate sale. Write or see, Henry C. Libben, R. 1, Glasco, Kan.

FOR SALE—ENGLISH SHEPHERD PUPS, natural heelers. Easily trained, training instructions. Males \$12; females \$6; spayed females, \$12. P. H. Croft, Fairfield, Neb.

REGISTERED COLLIE FEMALE THREE years old, prize winning strain, the best bred dog in these parts—worth \$150. Will sell for \$40. F. J. Milligan, Topeka, Kan.

AIREDALES, COLLIES AND OLD ENGLISH Shepherd dogs. Trained male dogs, brood matrons, pups of all ages. Flemish Giant, New Zealand and Rufus Red Belgian rabbits. Send six cents for large instructive list of what you want. W. R. Watson, Box 1909, Oakland, Iowa.

MACHINERY.

ONE NEW BIRDELL ALFALFA HULLER No. 2, cheap. E. H. Scovell, Protection, Kan.

ONE EMERSON TWO SECTION TWELVE-disc engine plow. A. L. Swartz, Soldier, Kansas.

ONE INTERNATIONAL 15-30 TITAN ENGINE. Price \$1,000. C. W. Norman, Latimer, Kan.

RUMELY THRESHER FOR SALE CHEAP. 25 H. P. steam engine 36-60 separator. Geo. Chancel, Clearwater, Kan.

ONE 20-HORSE MINNEAPOLIS ENGINE, one 32-54 Avery separator, good as new. Chas. Hornecker, Wichita, Kan.

NEW LEASE 20-36 THRESHER AND drive belt. Take part government bonds. \$1050. Earl Cachwell, Winfield, Kan.

COMPLETE THRESHING OUTFIT FOR sale, \$1700. Case, engine and Avery separator, threshing now. Meier Grain Co., Russell, Kan.

ONE 30-INCH PEERLESS SEPARATOR. One Belleville engine and water wagon, all in good shape. All goes for \$600. A. Achelberger, Medford, Okla.

CORN HARVESTER—ONE MAN, ONE horse, one row self gathering. Equal to a corn binder. Sold to farmers for twenty-three years. Only \$25, with fodder binder. Free catalog showing pictures of harvester. Process Corn Harvester Co., Salina, Kan.

GARAGE FOR SALE.

FOR SALE OR EXCHANGE FOR LAND—Garage and Blacksmith shop. Separate buildings, new fully equipped. I. E. Haviland, Kimball, Kan.

NEW FIRE PROOF GARAGE IN CLYDE, Kan., a town of 2,000 and only one other garage. No better location on earth. Just the place for a good machine. I built it to sell. Price \$8500. Will give time on part. This is no trading stock. Garage is located in center of town and on Main street. If interested, write, or better, come and look it over. E. A. Patterson, Clyde, Kan.

TRACTORS.

ONLY TWO LEFT—NEW 12-24 TRACTORS \$875 each. S. B. Vaughan, Newton, Kan.

FOR SALE—30 HORSE, BATES STEEL Mule tractor. C. L. Gifford, Eskridge, Kan.

FOR SALE CHEAP—12-25 NEW ROYER four wheel tractor. Low Hawkey, Hession, Kan.

FLOUR CITY TRACTOR 30-50; 6-BOTTOM plow, discs and harrows. Write Ed Elrod, Lafontaine, Kan.

30-60 CASE TRACTOR, GUARANTEED IN good running order. Bargain. Vincent Paleck, Red Rock, Okla.

FOR SALE—TITAN 10-20 TRACTOR AND Oliver disc plows. All nearly new. Mark E. Johnson, Marquette, Kan.

EMERSON FARM TRACTOR, WITH THREE bottom plow. Price \$700. Good condition. Theo. Anderson, Marquette, Kan.

FOR SALE: 18-36 RUMELY OIL PULL tractor; 32-52 Rumely separator and five-bottom Avery plow. Harry Dyck, Ness Clay, Kan.

FITCH FOUR DRIVE TRACTOR 15-25, good as new. Three bottom Oliver Plow, cheap for quick sale. Chas. H. Mills, Kanopolis, Kan.

TWO NEW MODEL D BATES STEEL Mule 3-plow tractors, 15-22 H. P. Price \$1600 F. O. B. Wichita, Kan. E. A. Owen, Halstead, Kan.

FOR SALE—HART-PARR, 15-30 KERO-sene Tractor, used one season. Write or come. Owner quit farming. A. B. Hoff, Grainfield, Kan.

1918 HEIDER 12-30 TRACTOR. OLIVER 3-bottom plow, tandem disc. All good shape. Will demonstrate, \$1,250. O. W. Brune, Ocheltree, Kan.

TRACTOR AND PLOWS OR WILL TRADE on western land. I will lease 500 acres of land and premises to party dealing for my 30-60 Mogul and plows. Ira J. Marriage, Mullinville, Kan.

1918 RUMELY OIL PULL 14-28, IN GOOD order. Will pull 4 gang plow in stubble and runs 24-44 separator. Also four bottom gang and six disc gang. Also a good as new 24-44 Rumely Separator. Will thresh 850 to 1100 bushels wheat per day. Price \$3250. Bigelow, Mo. Address Box 147, Mound City, Mo.

FOR SALE.

FOR SALE CHEAP. HYDRAULIC CIDER press in first class condition. L. B. Schibi, St. Paul, Kan.

FOR SALE—AUTOMOBILE TRAILER. Warner Prairie Schooner (new) \$140. Louis Spitzke, Kinsley, Kan.

FOR SALE OR TRADE FOR LIVESTOCK, one threshing rig, 22-45 International Mogul Oil Engine and 30-60 Buffalo Pitts Separator. In good running order. Buss Bros., Rice, Kan.

HIGH PRICES PAID FOR FARM AND dairy products by city people. A small classified advertisement in the Topeka Daily Capital will sell your apples, potatoes, pears, tomatoes and other surplus farm produce at small cost—only one cent a word each insertion. Try it.

LANDS.

HANDLE MORE BUSINESS? ARE YOU getting all the business you can handle? If not get big results at small cost by running a classified ad in Capper's Weekly. The Great News Weekly of the Great West with more than a million and a quarter readers. Sample copy free for the asking. Only 8c a word each week. Send in a trial ad now while you are thinking about it. Capper's Weekly, Topeka, Kan.

FERTILIZERS.

DUCOMMON'S VICTORY PLANT SPUR—Grows stronger, harder plants, greatly increases yield. Far less bulky and more concentrated than ordinary fertilizers. Price \$2 an acre. Try some on that wheat field this fall. Full information free. Ducommon Bros., Lawrence, Kan.

PERSONAL.

FAIRMONT MATERNITY HOSPITAL FOR confinement, private, prices reasonable; may work for board; babies adopted; write for booklet. Mrs. T. B. Long, 4911 E. 27th St., Kansas City, Mo.

FARM WORK

FARM HAND, MARRIED, THOROLY EXPERIENCED and dependable, will be open for employment September 15. Farmer, care Mail and Breeze.

LUMBER.

WHOLESALE PRICES ON BALE TIES, lumber delivered to any town in the state. Hall-McKee, Emporia, Kan.

LIVESTOCK COMMISSION FIRM.

SHIP YOUR LIVE STOCK TO US—COMPETENT men in all departments. Twenty years on this market. Write us about your stock. Stockers and feeders bought on orders. Market information free. Ryan Robinson Com. Co., 425 Live Stock Exchange, Kansas City Stock Yards.

PATENTS

SEND FOR FREE BOOKLET "ALL ABOUT Patents and Their Cost." Shepherd and Campbell Patent Attorneys, 8th St., Washington, D. C.

INVENTORS—WRITE FOR OUR ILLUSTRATED Book, "How To Obtain A Patent." Send model or sketch for our opinion of its patentable nature. Highest references. Prompt service. Reasonable terms. Victor J. Evans & Co., 825 Ninth, Washington, D. C.

PLEATINGS.

PLEATINGS. MRS. M. J. MERCER, 800 Topeka Ave., Topeka, Kan.

TOBACCO HABIT.

TOBACCO OR SNUFF HABIT CURED OR no pay. \$1 if cured. Remedy sent on trial. Superba Co., 57, Baltimore, Md.

WOMAN HELP WANTED.

WANTED—WOMAN OR GIRL TO ASSIST with house work. Good home and good treatment guaranteed. Box 44, Route 7, Tescott, Kan.

HONEY.

PURE EXTRACTED HONEY—60-LB. CAN, \$12.25; two, \$24. Frank H. Drexel, Crawford, Colo.

SALESMEN WANTED

SALESMEN TO CALL ON AUTOMOBILE owners and establish agencies in every community. Position worth \$5,000 annually to hustlers. Our plan saves 25% on their tire purchases. References and bond required. Progressive Tire and Supply Co., 2627 McGee, Kansas City, Mo.

WE ARE ANXIOUS TO PAY BIG salaries with liberal expense accounts to men with selling experience representing Capper Publications. Our offers have been made unusually attractive. Just a few territories in central Kansas open. A man with automobiles preferred. Write or wire application now. H. M. Van Dusen, Capital Bldg., Topeka, Kan.

EDUCATIONAL.

BE A DOCTOR. WE OFFER COURSES to both day and night students with opportunities to work for board and room. Our graduates are making from \$300 to \$500 per month. Write Carver Chiropractic College, Wichita, Kan.

FINANCIAL.

SEND FOR SAMPLE COPY OF MID-CONTINENT Oil Bulletin. All the latest findings in oil. Suite 201 Quincy Building, Denver, Colo.

RHEUMATISM CURE.

ONE OF THE MOST IMPORTANT DISCOVERIES of the age; millions are suffering with rheumatism. An herb that actually drives the most stubborn case of rheumatism entirely out of the system; many people have written us and say they are astounded at the results; the effect on the kidneys is simply marvelous. You bathe your feet in it for 15 minutes a day for 10 days; agents are collecting money. Price 72c pound postpaid. Rheumatism Herb Co., Santa Monica, Cal.

AGENTS WANTED

AGENTS—MASON SOLD 18 SPRAYERS and Autowashers one Saturday; profits, \$2.50 each, square deal. Particulars free. Rusler Company, Johnstown, Ohio.

DON'T WASTE YOUR SPARE TIME—IT can be turned into money on our easy plan. We have a splendid offer for ambitious men or women who desire to add to their present income, and will give complete details on request. Simply say, "Tell me how to turn my spare time into dollars" and we will explain our plan completely. Address, Circulation Manager, Capper Publications, Topeka, Kan.

NURSES WANTED.

WANTED, CAPABLE YOUNG WOMEN TO take up nurses training immediately in accredited school. Address Sprague Hospital, Huron, So. Dak.

MALE HELP WANTED.

WANTED AT ONCE, SINGLE MAN TO DO dairy work. Empire milker used. Must be clean, no bad habits. Good wages for right man. Year round job for sticker. M. E. Norman, Latimer, Kan.

WANTED TO BUY.

WANTED TO BUY HEDGE AND CATALPA posts. Address Hedge and Catalpa, care Mail and Breeze.

TANNING.

LET US TAN YOUR HIDE. COW HORSE, or calf skins for coat or robe. Catalog on request. The Crosby Frisian Fur Co., Rochester, N. Y.

STAMMERING.

DR. PIERSON'S SCHOOL OF PRACTICAL psychology. Stammering and other speech defects. Results permanent because natural. 2814 Olive St., Kansas City, Mo.

MISCELLANEOUS.

FOR YOUR SUNDAY READING, WRITE Silver Publishing Co., Dept. 4 Bessemer Building, Pittsburgh, Pa., for "Give God a Chance," McConkey's vital little devotional booklet. Sent absolutely free, post paid.

HIGH PRICES PAID FOR FARM AND dairy products by city people. A small classified advertisement in the Topeka Daily Capital will sell your apples, potatoes, pears, tomatoes and other surplus farm produce at small cost—only one cent a word each insertion. Try it.

Farm Was Rightly Named

The largest price ever paid for farm lands in this county was paid last week when J. E. Putnam bought what is known as the "Golden acre" farm, northeast of Salina, consisting of 80 acres for \$30,000. This was \$375 an acre.

Sheepmen Don't Like Prices

All Feeders Are Cutting Down the Margin

BY SAMUEL SOSLAND

RANGE BREEDERS of sheep in the West and the feeders of Kansas, Colorado, Nebraska and other states are engaged in a contest over prices which should be watched by every feeder interested in feeding lambs or sheep. The large feeders who handle thousands of lambs every fall and winter are offering the flockmasters of the West \$10 a hundredweight on ranges for their feeding stock. The same feeders paid \$12 to \$16 for feeding lambs in 1918, with the bulk of trading at \$13 to \$14. The flockmasters are holding for \$12 to \$12.50, and declare they will ship to markets instead of contracting on their ranges before making concessions, asserting that the feeders who are accustomed to contracting demand lower prices than they can accept.

As immense numbers of feeding lambs and sheep are contracted in the fall annually for feedlots, especially by Colorado and Nebraska feeders and by the larger Kansas operators, the disagreement between the two interests over prices is likely to wield an important influence on the trade at Kansas City, Omaha and other stock yards markets which handle sheep and lambs. Normally, rangemen of the West figure they require a margin of \$2 a hundredweight over their local prices to ship their lambs to the big markets. This includes the railroad, commission and feed expenses, and the loss from shrinkage. A shipment of Idaho lambs in Kansas City last week cost 91 cents a head to deliver and sell, this being slightly more than \$1.50 a hundredweight. If the rangemen obtain more than \$10 at their shipping stations for feeding lambs, prices at Kansas City must average \$12.50 a hundredweight or more. At the close of the market there last week, the top on Western feeding lambs was \$14.50, while at Omaha and Chicago tops were around \$15.50 to \$15.75. However, the large runs from the West are just starting, and, as usual, flockmasters are shipping the fleshier stock first, holding back the thinner lambs.

Larger Supply Expected

With Western lamb shipments becoming more general, it is quite clear that increased supplies are in prospect for the next two months. New Mexico lambs, which are preferred by the experienced Kansas feeders, will not be plentiful until October. The feeling of the trade, in view of the supply situation, is that prices on feeding lambs will be cheaper between the middle of September and the latter part of October than at present.

Among the smaller lamb feeders of Kansas on the Kansas City yards last week was A. G. Page of Gardner, Johnson county. "I want lambs weighing 50 to 55 pounds from the West, preferably New Mexico," said Mr. Page. "My plan is to buy 500 to 600 head to run on wheat stubble, of which I have 100 acres, on 30 acres of corn which will make only good roughage and on 30 acres of bluegrass. After frost, I shall put them on a ration of shelled corn and alfalfa hay, using about 1 1/4 pounds of corn and 1 1/2 pounds of hay to the lamb after they are on full feed. By January 1, with favorable weather, I expect to have the lambs in Kansas City weighing 75 to 80 pounds. I realize that great uncertainty surrounds the market, but believe this as promising a feeding undertaking as any other offered by the livestock industry."

Unless the lambs he fattens bring a \$3-margin over the cost price at the end of the year, Mr. Page believes his feeding will prove unprofitable. "To add to my chances of making a profit," he continued, "I am going to be extremely careful in feeding, cleaning the water tanks at least twice a week with a scrub brush, sweeping the grain boxes after every feed if any grain is left, keeping the alfalfa dry, and shall permit no stranger to disturb the lambs." That Kansas can raise good lambs and that the day is coming when Western Kansas lambs will be classed frequently with Western range lambs was indicated when Theodore W. Schloh of Natoma sold a small shipment on the Kansas City yards. Mr. Schloh's shipment included 75 feeding lambs, averaging 55 pounds, which brought only \$10, being classed as natives. They were compared favorably with Arizona lambs of the same weight which sold as feeders at \$14.50 the same day. But the classification as natives affected their sale. This classification will carry a different meaning in the future—when all native lamb raisers are as careful as Mr. Schloh and other breeders.

With increased receipts, prices of lambs and sheep on the Kansas City market closed 50 cents to \$1 lower last week. Best fat lambs sold up to \$17.25, but the close was with a top of \$16. Feeding lambs closed at \$12 to \$14.50 for the fair to choice grades, with natives down to \$10. Breeding ewes closed at \$11 to \$15.

Cattle Market Weak

Cattle continue weak. The market acts in a manner which offers no encouragement to sellers. With the heaviest receipts of the year last week, prices in Kansas City closed 25 cents to \$1 lower, with prime cornfed steers about steady, and the best grades of grassers only about 25 cents lower. Cows lost fully 50 cents to \$1, while medium and plain grass steers were around 25 cents lower. Calves reacted about \$2 to \$3, the decline carrying the market down to a top of \$15. Top on cornfed steers was \$18.85, but common heavy grassers sold down to \$10.15. Plain to medium grass steers sold mostly at \$8.50 to \$12. Fed grassers sold up to \$16.50. Medium cows closed at \$7 to \$8 and the better grades at \$10 to \$10.50. Fat yearlings, which have been rather popular, sold at \$12 to \$17. Canner cows ruled down to \$5.50 to \$6. Illinois and Iowa buyers entered the feeder and stocker trade, but prices were irregular, with the better grades barely steady and others 25 to 75 cents lower, stock cows and heifers showing most weakness. Heavy feeders sold mostly at \$11 to \$13 and stocker steers from \$8 to \$11. Stock calves sold down to \$7.50 and \$8.50 and stock cows as low as \$6.25 to \$7.25.

PIGS WANTED

A carload wanted. Wire or write. WILLCOX DAIRY, WILLCOX, ARIZ.

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J. H. Barr, Hebron, Neb.

Live Stock Auctioneer, 12 Years Experience
Write or Wire for Dates

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Compiling catalogs, Pedigree reading at the sale and a general knowledge of conducting public sales enables me to render valuable assistance to parties holding registered or high grade Holstein sales. For terms and dates address, W. H. MOTT, Herington, Kansas.

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Percherons — Belgians — Shires

Some choice stallions and mares for sale. All registered. Terms.

Fred Chandler, R. 7, Chariton, Iowa. Above Kansas City.

PERCHERON SALE

I will sell 20 registered Percherons; stallions, mares and colts; young, serviceable and well bred; at public sale Oct. 15, 1919.

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FOR SALE—8 YR. REGISTERED Percheron stallion, weighs ton; excellent individual; a sure breeder. R. B. Lake, Lake City, Kan.

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Registered Shropshire Rams and Ewes
Yearlings and 2-year-olds, \$50 up. Ram and ewe lambs, \$35 up. Expect to have some pens of rams and ewes for sale at Topeka Free Fair. Catalog sent on request.
MAPLE HILL FARM
Clarence Lacey, Phone 260, Meriden, Kansas.



FOR SALE

A bunch of registered Shropshire rams, ready for service; priced worth the money.

Howard Chandler, Chariton, Iowa

Doyle Park Shropshires

We are offering 4 sons and 12 grandsons of Senator Bibby, our imported Buttar ram. Also a number of good field rams. All recorded in the American Shropshire Registry Assn. Meet us at the Topeka and Hutchinson fairs.

HOMAN & SONS, PEABODY, KANSAS.

SHROPSHIRE AND HAMPSHIRE SHEEP

A fine lot of buck lambs of either breed for sale. All recorded.

CEDAR ROW STOCK FARM,
A. S. Alexander, Prop., Burlington, Kansas

Shropshire Sheep 100 reg. Jan. and Feb. ewe lambs to contract for Sept. delivery, \$28.25, taking all. Also rams, 1 to 8 years old. J. R. TURNER & SON, HARVEYVILLE, KAN.

REGISTERED OXFORD DOWN SHEEP

For sale. Ewes or rams. Sell in lots to suit. Write for particulars.

J. M. Stone, Route 6, Columbia, Missouri

Reg. Hampshire Rams—15 choice yearlings at reasonable prices. J. S. Gooch, Shelbyville, Missouri.

HAMPSHIRE RAMS A few good ones for sale
L. M. SHIVES, TYRONE, OKLAHOMA.

REGISTERED RAMS FOR SALE
Oxfords and Shropshires.
Henry Karr, R. 2, Drexel, Missouri

FOR SALE: 2 BILLY GOATS, good milk stock. One 18 months old and one 6 months old. Gus Droege, Box 34, Vassar, Kansas.

FOR SALE—70 April lambs, \$9 per head.
T. D. Robinson, Viola, Kansas

CHESTER WHITE OR O. I. C. HOGS.

Fall Sale—October 21

Leavenworth, Kan. Send for catalog. KANSAS HERD BIG TYPE CHESTER WHITES.
Arthur Moose, R. 5, Leavenworth, Kansas

CHESTER WHITES FOR SALE

Breeding stock from best blood lines. Good growth last fall pigs bred for September and October farrow. Nice big spring pigs, both sex. Registration Certificates furnished. E. M. Reckards, 817 Lincoln St., Topeka, Kan.

BIG HEAVY BONED CHESTER WHITE

boars ready for service, sired by Prince Tip Top, first prize boar at 1918 state fairs.
HENRY MURR, TONGANOXIE, KANSAS

LANE CO. HERD CHESTER WHITES

Good pigs for sale, either sex, write us for prices, breeding and full description. F. B. Smith & Sons, Healy, Kan.

Chester White Breeders I will sell my senior yearling herd boar Buster B. by Wm. B. by Wm. A. See him at the Free Fair. C. H. COLE, NORTH TOPEKA, KAN.

Western Herd Chester Whites 100 fall pigs for sale in pairs or trios. Pedigree with each pig. Properly immunized.
F. C. GOOKIN, RUSSELL, KANSAS

CHESTER WHITE GILTS
Bred for September farrow. Spring pigs, both sexes. E. E. Smiley, Perth, Kansas.

POLAND CHINA HOGS.

Willow Creek Stock Farm

David City, Nebr.

Offers Poland spring boar pigs for sale, sired by Black Wonder Prospect and by Wonder Big Bone; dams by Jumbo Wonder, Long Prospect and A Big Bone.

Tony Kindler, Owner, David City, Nebr.

Big Smooth Polands

Rist's Long Model, 1st prize senior yearling boar, Nebraska State Fair, heads our herd. Breeding stock of all ages for sale. Also seed wheat. Look up our herd at the state fair.

PLAINVIEW HOG & SEED FARM,
Frank J. Rist, Prop., Humboldt, Neb.

Big Type Polands

Have some very choice young boars for sale. Can also spare a few more gilts. Most of the pigs are by Captain Bob.

Frank L. Downie, R. 4, Hutchinson, Kansas

Big Type Poland China Spring Boars

For sale. Sired by McGath's Big Orphan and Captain Gerstade Jones. Also my herd boar and some spotted boars and gilts.

E. H. W. Hartman, Valley Center, Kansas.

Poland China Pigs for Quick Sale

100 extra good big type Poland China pigs. Some outstanding prospects. Both sexes. Can furnish pairs or trios not akin. Best of breeding. Everything immune and guaranteed as represented. Prices right.

ED SHEEHY, HUME, MISSOURI

BIG TYPE BLACK POLAND CHINAS
Boar pigs, registered, cholera immune, \$30.
Geo. J. Schoenhofer, Walnut, Kansas

REGISTERED POLANDS. Spring pigs for sale. Badley and Orange Elmo strains. Individuals, pairs or trios furnished. Leon Griffin, Ellsworth, Kan.

DUROC JERSEY HOGS.

Spring Creek Durocs

Big, growthy, immuned boars for sale, sired by King's Col. Longfellow and Fancy Orion King out of Pathfinder King's Col. and Illustrators dams. Our stock always makes good. Write for prices and information.

H. J. Nachtigall & Son, Deshler, Neb.

SHEPHERD'S BIG DUROCS

Big growthy fall gilts by King's Colonel I Am, Great Model Wonder and Crimson Gano, bred for September and October farrow to Pathfinder Jr., Greatest Orion and King Colonel; the making of big quality sows. 3 great young boars ready for full service, priced to move. G. M. SHEPHERD, LYONS, KAN.

MUELLER'S BIG DUROCS

A fine bunch of big fall gilts bred to Uneeda King's Colonel for September farrow. Have two fall boars yet that will make good breeders. Priced to sell.

GEO. W. MUELLER, ST. JOHN, KANSAS

BIG BONED HIGH BACKED DUROCS

We are offering for sale big boned, high backed, stretchy Duroc males carrying the blood of Educator and King the Col. Priced within the reach of all.

J. A. COMP & SON, WHITE CITY, KAN.

Big Type Bred Gilts

Fifteen big, stretchy gilts bred for Sept. farrow to Great Wonder Pathfinder. Sired by Red's Gano, first at Kansas and Oklahoma state fairs. Out of dams by Pathfinder, King the Col. and Crimson Wonder. All immune and priced to sell.

JOHN A. REED & SONS, LYONS, KAN.

McCOMAS' DUROCS

50 spring boars sired by sons of Pathfinder, High Orion and Sensation. Many of these are out of sows sired by champions. Herd boar prospects and the rugged kind for the farmer. All immune.

W. D. McComas, Box 455, Wichita, Kansas

REPLOGLE'S DUROCS

Fall gilts, spring pigs; both sexes. One spring yearling boar and one fall yearling boar. Good blood lines. Registered. Immuned, double treatment. Satisfaction guaranteed.

SID. REPLOGLE, Cottonwood Falls, Kan.

Angus Cattle—Duroc Hogs

For immediate sale: Car load of pure bred heifers. Young bulls of serviceable ages.

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spring farrow. Pathfinder and Model breeding. Special price for quick sale.

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SPRING YEARLING DUROCS GILTS

A few good ones of Illustrators breeding, bred to Uneeda High Orion the top boar in the world's record litter for an early litter. Write for prices.

ZINK STOCK FARM, TURON, KANSAS.

Choice September 1918 Gilts

Guaranteed immune and safe in pig for September farrow, \$70. Early March boars, \$40 to \$50 each.

D. O. BANCROFT, OSBORNE, KANSAS

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14 registered and immunized gilts bred to Great Wonder Model, 1st prize junior yearling boar at Hutchinson and Topeka 1918.

HOMER DRAKE, STERLING, KANSAS

Wooddell's Durocs

A Few Fall Boars Priced Right. 10 richly bred gilts for fall farrow, priced to move them at once. Spring pigs in pairs or trios.

G. B. WOODDELL, WINFIELD, KANSAS

Pathfinder and Great Wonder I Am

blood lines. Spring boars and gilts priced for quick sale.

WILL ALBIN, SAFFORDVILLE, KANSAS.

LANDRETH'S DUROCS

A few choice bred gilts for sale, priced from \$50 to \$75. Landreth Bros., R 1, St. John, Ka.

GARRETT'S DUROCS. March and April pigs in pairs or trios, not related, with up-to-date breeding. One great litter by Jr. Orion Cherry King. R. T. & W. J. Garrett, Steele City, Neb.

SPOTTED POLAND CHINA HOGS.

Spotted Poland Chinas

Spring pigs, serviceable boars, bred gilts. They have the bone, shape and spots. Everything registered and guaranteed. If you want something choice at a right price, write us.

Speer & Rohrer, R. 2, Osawatomie, Kansas

Spotted Poland Chinas

(PIONEER HERD)
The best bunch of spring boars I have ever raised, sired by Budweiser Boy, priced to move the next 30 days. Right in every way.

THOS. WEDDLE, R. F. D. 2, Wichita, Kan.

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BIG BONED SPOTTED POLANDS

A fine line of gilts and several males, registered to you in the Standard Record Association. If you want good hogs, I have them. None better.

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OLD ORIGINAL SPOTTED POLANDS

Sows bred and proved. Ready to ship. Young stock of all ages priced to sell. Write your wants to CEDAR ROW STOCK FARM.

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HAMPSHIRE ON APPROVAL
A few choice fall boars and open or bred gilts. Also spring pigs in pairs or trios. Pedigrees furnished. Best of breeding. Winning highest honors at Kansas State Fairs 1918. F. B. WEMPE, Frankfort, Kan.

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200 registered and immuned hogs. Write WALTER SHAW, R. 6, WICHITA, KANSAS

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Hutchinson, Kansas, September 13-20, 1919

UNDER THE AUSPICES OF THE STATE BOARD OF AGRICULTURE

Big Annual Agricultural and Livestock Event of Kansas

The Natural Meeting Place of the Breeder and His Buyer
Seventeen General Educational Departments.

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New Live Stock Pavilion—New Mineralogy Building—New Swine and Sheep
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Three Days' Harness and Running Horse Races

Two days Auto Races and Auto Polo every day and night. Grand Free
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information, mentioning the Farmers Mail and Breeze.

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HEREFORD CATTLE

Hereford Cows and Calves

Because we need the room we are offering 13 registered Here-
ford cows with splendid calves and bred again. If you are in the
market for registered Hereford cows that will make you money in-
vestigate this.

Also seven yearling bulls, the kind that will make good on your
farm. Act at once if you want these cows and calves.

Farm joins town.

Fred Peterson, Lawrence, Kan.

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For sale. A five-year-old grandson of
Beau Perfect, wt. 2400.

One five-year-old grandson of Mas-
querader, wt. 2000. We are keeping their
heifers. Sold fully guaranteed. Nine
two-year-old bulls. Also a few females.
Address,

**H. L. ABERCROMBIE & SON,
GOODLAND, KANSAS**

Dunlap Herefords

Hereford cows with calves at side, Britisher
breeding mainly. Priced right. Satisfaction
guaranteed.
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Angus Cattle

15 bulls, 15 to 22 months
old. Heifers of all ages.
Some bred, others open.
Cows with calves at side
others bred. All at rea-
sonable prices. Come or
write **J. D. MARTIN &
SONS, R. F. D. 2,
LAWRENCE, KANSAS.**

Aberdeen Angus

For sale—40 two-year-old bulls and 30 year-
lings, 25 two and three-year-old bred heifers.
SUTTON FARM, R. 6, LAWRENCE, KAN.

EDGEWOOD FARM ANGUS CATTLE for
sale. 50 cows, 15 bulls.
D. J. White, Clements, Kansas.

ALFAFADELL STOCK FARM ANGUS
Twenty cows and heifers. Five bulls.
Alex Spong, Chanute, Kansas

SHORTHORN CATTLE.

Massa's Shorthorns

Scotch and Scotch topped bulls, 9 to 13
months old, sired by a getter of prize
winners. Dams well bred. Will also sell
a few young cows and heifers bred or
with calves at foot. Everything pedigreed.
O. O. MASSA, EDNA, KANSAS

WHEN WRITING TO OUR ADVERTISERS
MENTION FARMERS MAIL AND BREEZE

Winter feeders may obtain more at-
tractive prices later in the season, as
runs are increasing.

Hog salesmen who were extremely
optimistic over the outlook for an ad-
vancing hog market up to October still
maintain that the trade is now de-
pendent largely upon the effect of agi-
tation for a reduction in the cost of
feed. Continued light receipts are ex-
pected until October, and there is some
hope of a reaction from the recent
sensational break. However, the pre-
dominant feeling in the trade is that
the highest prices of the year have
been reached. After selling down \$1
last week, the market closed with a
decline of about 50 cents, the highest
price having been \$21.40, paid for Kan-
sas Durocs, compared with the record
of \$23.40, earlier in August. Stock
pigs sold up to \$20 for 120-pound
weights, and thin sows at \$17 to \$18
for offerings weighing 150 to 175
pounds. Considering the changed posi-
tion of the market resulting from Fed-
eral intervention against prices, it
seems that stock hogs are now less at-
tractive, and should be purchased at
lower prices.

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CAPPER FARM PRESS

FOR BUYERS OR SELLERS.

When livestock of any kind is wanted, look
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paper when writing advertisers. Also write
this department direct, describing the live-
stock desired and we will be glad to help
you locate it.

Those who have livestock for sale, will
find advertising in these columns the most
economical and effective means of locating
buyers. When writing for rates always give
number and description of animals for sale,
and such other information as would attract
the interest of prospective buyers if touched
upon in the advertisement. You may need
only a three line advertisement and it may
be to your best interest to use a full page.
Give us full particulars and you will get
honest and competent advice.

T. W. MORSE
Director and Livestock Editor
ELLIOTT S. HUMPHREY
Assistant

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**John W. Johnson, Kansas, 820 Lincoln St.,
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**A. B. Hunter, S. W. Kansas and Western
Okla., 128 Grace St., Wichita, Kan.**
**J. Cook Lamb, Nebraska, 2508 D St., Lin-
coln, Neb.**
**J. Park Bennett, Missouri, 300 Graphic
Arts Bldg., Kansas City, Mo.**
**J. T. Hunter, Eastern Oklahoma, S. E.
Kansas, and S. W. Missouri, 7 1/2 So. Robinson
St., Oklahoma City, Okla.**

PUREBRED STOCK SALES.

Percheron Horses.

Oct. 15—Percy E. Lill, Mt. Hope, Kan.

Holsteins.

Oct. 23—Harper Co. Breeders' Ass'n, Har-
per, Kan. H. A. Thomas, Sec'y, Anthony,
Kan.
Nov. 14—Tonganoxie Calf Club, W. J. O'Brien,
Sale Mgr., Tonganoxie, Kan.
Nov. 15—Combination sale, Tonganoxie, Kan.
W. J. O'Brien, Mgr.
Nov. 17-18—Holstein-Friesian Ass'n of Kan-
sas, The Forum, Wichita, Kan. W. H.
Mott, Herington, Kan., Sales Mgr.
Dec. 11-12—Consignment sale, Leavenworth,
Kan. W. H. Mott, Sales Mgr., Herington,
Kan.

Hereford Cattle.

Sept. 30—L. D. Cravens, Medicine Lodge,
Kan.
Oct. 6—John J. Phillips, Goodland, Kan.
Oct. 15—E. W. Ringen, Sumnerfield, Kan.
Oct. 16—Northern Kansas Hereford Breed-
ers' Ass'n sale, Blue Rapids, Kansas. Guy
Steele, Sec'y and Sales Mgr., Barnes, Kan.
Oct. 17—Fred Cottrell, Irving, Kan.
Oct. 23—Harper Co. Breeders' Ass'n, Har-
per, Kan. H. A. Thomas, Sec'y, Anthony,
Kan.

Shorthorn Cattle.

Oct. 23—V. A. Plymat, Barnard, Kan.
Oct. 24—Harper Co. Breeders' Ass'n, Har-
per, Kan. H. A. Thomas, Sec'y, Anthony,
Kan.
Nov. 4—A. L. & D. Harris, Osage City, Kan.
Nov. 6—Second Annual Sale, Peabody, Kan.
O. A. Homan, Mgr.
Nov. 11—Ernst & Lyell, Tecumseh, Neb.
Nov. 12—Jefferson County Breeders' Ass'n
sale, Fairbury, Neb.

Ayrshire Cattle

Nov. 12—Kansas Ayrshire breeders sale, To-
peka, Kan. Jas. W. Linn, Sec'y, Manhat-
tan, Kan.

Poland China Hogs.

Oct. 1—C. M. Hettick & Sons, Corning, Kan.
Oct. 15—F. M. Harney & Son, Julian, Neb.
Oct. 16—Walter B. Brown, Perry, Kan., at
Topeka, Kan.
Oct. 17—Adams & Mason, Gypsum, Kan.
Oct. 22—Lauer, Merdinger & Arnold, Falls
City, Neb.
Oct. 22—Fred G. Laptad, Lawrence, Kan.
Jan. 23—J. J. Hartman, Elmo, Kan., at
Abilene, Kan.
Feb. 3—O. E. Wade, Rising City, Neb. Sale
at David City.
Feb. 5—Adams & Mason, Gypsum, Kan.
Feb. 15—C. Lionberger, Humboldt, Neb.
Spotted Poland China Hogs.
Nov. 18—Roush Bros., Strasburg, Mo.

Duroc Jersey Hogs.

Oct. 10—J. H. Proett & Son, Deshler, Neb.
Oct. 10—John C. Simon, Humboldt, Neb.
Oct. 15—D. M. Bindernagel, Beatrice, Neb.
Oct. 20—Gwin Bros., Morrowville, Kan., at
Washington, Kan.
Oct. 21—Pearl J. Moser, Sabetha, Kan.
Oct. 22—Fred G. Laptad, Lawrence, Kan.
Nov. 6—A. J. Turinsky, Barnes, Kan.

RED POLLED CATTLE.

Red Polls At Auction Covert, Kan., September 4th



Having rented our farm we
will sell at auction our entire
herd of cattle including 16 head
of registered Red Polls.

An auction of good cattle in
everyday clothes.

Come to the Sale, Sept. 4th

**David Ikenberry
& Son**
Covert, Kansas

32 RED POLLED BULLS

12 are coming twos and 20 are com-
ing yearlings.

For prices, etc., write or see
E. D. FRIZELL, LARNED, KANSAS

L. S. CREMO, RED POLLS
Eight bulls for sale from 12 to 18 months
old. Also cows and heifers for sale.
ED NICKELSON, LEONARDVILLE, KAN.

Pleasant View Stock Farm
Registered Red Polled cattle. For sale: a few choice young
bulls, cows and heifers. **HALLORAN & GAMBRILL, OTTAWA, KANSAS**

Registered Red Poll Cattle
CHAS. L. JARBOE, QUINTER, KAN.

FOSTER'S RED POLLED CATTLE
Bulls, cows and heifers for sale.
C. E. Foster, R. F. D. 4, Eldorado, Kansas

SHORTHORN CATTLE.

Park Place Shorthorns

SHORTHORN BULLS,
herd header prospects
and rugged young fel-
lows for the farmer.
SHORTHORN FE-
MALES, foundation
stock for the breeder
and others suited to
the farmer's needs. If
you want cows, heifers
or bulls, one to a car-
load, we can please
you. Every animal
guaranteed a breeder.
Health certificates fur-
nished. Write me when
you will call.



Park E. Salter, Wichita, Kansas
Fourth National Bank Bldg.

Tomson Shorthorns

Chief Stock Bulls
Village Marshall; Beaver Creek
Sultan.
200 High Class Cattle
Write us when you need a herd bull.

TOMSON BROTHERS
CARBONDALE, KAN. DOVER, KAN.
R. R. Station, Wakarusa on the Santa Fe R. R. Station, Willard on the Rock Island

WHEN WRITING TO OUR ADVERTISERS
MENTION FARMERS MAIL AND BREEZE

122 Herefords At Auction Gypsum, Kan., September 4

11 Registered Cows
11 Registered Heifers
4 Registered Bulls

And desirable non-regis-
tered Herefords as follows:
36 Good Cows
35 Yearling Heifers and
Steers.
25 Calves.

This is the dispersion of the
Shady Glen Herefords.

Write for any particulars,
mentioning Mail and Breeze,
and be on hand for the bay-
gains.

Chas. E. Gillum,
Proprietor
Gypsum, Kansas
Auctioneers—McCulloch and
Curphey.

Nov. 7—Kempin Bros. and W. Hilbert, Corning, Kan.
 Jan. 10—Proett Bros., Alexandria, Neb.
 Jan. 27—H. C. Holt & Sons, Kearney, Neb.
 Jan. 28—Smith & Swartsley, Kearney, Neb.
 Jan. 28—H. E. Lambert, Overton, Neb.
 Jan. 28—H. D. Geiken, Cozad, Neb. Night sale.
 Jan. 29—A. C. French, Lexington, Neb.
 Jan. 30—C. T. White, Lexington, Neb.
 Feb. 5—John W. Jones, Minneapolis, Kan., at Salina, Kan.
 Feb. 7—O. E. Harmon, Fairmont, Neb.
 Feb. 11—A. L. Breeding, Home, Kan.
 Feb. 12—W. T. McBride, Parker, Kan.
 Feb. 14—John W. Pettford, Saffordville, Kan.
 Feb. 15—J. H. Proett & Son, Deshler, Neb.
 Feb. 15—C. W. Fosberg, Holdrege, Neb.
 Feb. 18—Fenn J. Moser, Sabetha, Kan.
 Feb. 19—Gwin Bros., Morrowville, Kan., at Washington, Kan.
 Feb. 20—John C. Simon, Humboldt, Neb.
 Feb. 20—B. W. Conyers, Marion, Kan.
 Feb. 21—B. R. Anderson, McPherson, Kan.
 Feb. 24—A. A. Russell, Geneva, Neb.
 Feb. 25—Gordon & Hamilton, Horton, Kan.
 Feb. 25—H. Wernimont, Ohiowa, Neb.
 Feb. 26—Kempin Bros. and W. Hilbert, Corning, Kan.
 Feb. 26—Adolph Anderson, Davenport, Neb.
 Feb. 26—John W. Jones, Minneapolis, Kan., at Concordia, Kan.
 Feb. 26—J. C. Theobald, Ohiowa, Neb.
 Feb. 27—L. L. Humes, Glen Elder, Kan.
 Feb. 27—Carl Day, Nora, Neb.
 Feb. 28—C. W. Johnston, Red Cloud, Neb.
Chester White Hogs.
 Oct. 20—Combination sale, W. J. O'Brien, Sales Mgr., Tonganoxie, Kan.
 Oct. 21—Arthur Mosse, Leavenworth, Kan.
 Jan. 20—Arthur Mosse, Leavenworth, Kan. Sheep.
 Oct. 24—Harper Co. Breeders' Ass'n, Harper, Kan. H. A. Thomas, Sec'y, Anthony, Kan.

Sale Reports

W. T. McBride's Duroc Sale.

32 bred gilts averaged\$80.71
 14 boars averaged58.57

46 hogs averaged\$73.75

W. T. McBride, Parker, Kan., held his 4th annual Duroc sale August 20. The hogs brought medium to good prices, although a rather low average was maintained in comparison with the quality of the hogs. Muddy roads to the south and threatening weather conditions in the early morning prevented attendance of several prospective buyers. C. B. Day, Parker, Kan., bought 11 head. A Pathfinder Orion sow at \$160 topped the sale, going to Woodleaf & Rule, Ottawa, Mr. McBride also sold the few remaining Red Polled cattle he had on hand. Ferrigo Bros., Parker, Kan., bought the 7 head at an average of \$125. Mr. McBride will hold another sale February 12.

Field Notes

BY JOHN W. JOHNSON

A Rollet, Barnard, Kan., is offering a tried Guernsey bull for exchange. Look up his ad in this issue.—Advertisement.

L. G. Brown, Wilson, Kan., is advertising a carload of registered Jersey cows and heifers. These are from his herd which is headed by a good son of Golden Fern Linden. If you want one or more good Jerseys look up this bunch.—Advertisement.

C. H. Cole, North Topeka, Kan., is offering the good senior yearling herd boar, Buster B. for sale. His only reason for selling is he does not need this boar any longer. He is right in every way and will be at the Topeka Free Fair.—Advertisement.

BY A. B. HUNTER

Homan & Sons, Peabody, Kan., are offering some good Shropshire rams for sale in this issue.—Advertisement.

Ninnescah Farm Jerseys.

Monroe Coleman, Sylvia, Kan., owner of the Ninnescah Jersey Farm, starts his ad in this issue. He is offering good young bulls sired by grandsons of Gamboge's Knight and Noble of Oaklands. If you need a good Jersey bull look up this ad.—Advertisement.

People After Bred Holstein Heifers.

Appleman Brothers of Mulvane, Kan., changed their advertisement in the Holstein section and write that, "Young cows due to freshen soon are all sold. The people are about to break me up buying stamps to tell them that all my young cows, bred to a forty-two pound bull, are sold." The advertisement is being changed to show what other stock is for sale.—Advertisement.

Spotted Poland Spring Boar Bargains.

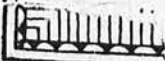
Thos. Weddle, R. 2, Wichita, Kan., is offering the best bunch of spring boar pigs he has ever raised. He is building a new house and it takes ready cash to do this at this time so for the next thirty days these pigs (as good as they make them) are on the bargain counter. They are big-boned, wide backed, thick hammed, well grown sons of Budweiser Boy, one of the good boars of the Spotted Poland breed. If you need a boar pig do not overlook this bargain period on the good ones.—Advertisement.

Better All the Time.

According to a letter from Frank L. Downie, R. 4, Hutchinson, Kan., whose Poland China advertisement runs in the Mail and Breeze, Captain Bob is still at the head of his herd and "he keeps siring them better all the time." Mr. Downie has a great young boar helping out Captain Bob. The junior sire is by Big Bob Wonder and out of an A. Big Wonder dam. He has a fine arched back, great length, stands well off the ground with good bone and extra good feet, in fact he is right all over. Mr. Downie has a great herd of sows by Iowa King, Gerstale Monster, Gerstale Knight, Gerstale Czar and Big Hadley Jr. He has some extra good spring boars for sale, a couple of older herd heading boars and a few gilts priced right.—Advertisement.

BY J. T. HUNTER

Percy E. Lill, Mt. Hope, Kan., claims October 15 for sale date of Bercherons. He plans to sell 11 males, 6 yearlings, 4 stallions. Brilliant, Casino, Coco and Vidocq breeding.—Advertisement.



Holsteins Are Making the West a Dairy Country And Cashing Farm Feeds for the Highest Dollar

Frank J. Searle, Oskaloosa, Kan.

Sunflower Herd. Heifers? Yes, we have them! 40 yearling granddaughters of Pontiac Korndyke, Colantha Johanna Lad, etc. Also bull calf out of 25 pound dam; sire, grandson Pontiac Korndyke.

Harry Mollhagen, Bushton, Kan.

In our herd are 13 cows with an average of 23.77 pounds butter in seven days. Bull calves from dams with records from 22 to 28 pounds. Health of herd under federal control.

Ben Schneider, Nortonville, Kan.

A. R. O. bulls for sale. Some ready for service. Satisfaction guaranteed.

Chas. V. Sass, 409 Minn. Av., Kansas City, Mo.

10 registered cows and heifers, also 20 grade cows and heifers. 10 registered bulls, three months to three years old. Registered cows \$175 per head up. Grade bred heifers \$125 up. Bull calves \$100 and up.

WINDMOOR FARM HOLSTEINS

Herd Numbers 100 Head. Home of "Richdale Kind Korndyke Artis" highest record bull west of the Mississippi—dam Lakeview Dutchland Artis—butter 7 days 43.05. Young bulls for sale. Chas. C. Wilson, Supt., Edna, Kan.

David Coleman & Sons, Denison, Kan.

We have bull calves for sale from cows with semi-official yearly records.

Bock's Dairy, Wichita, Kansas

50 purebreds. A record making herd. Some young surplus stock announced for sale later.

30 Lb. Bull for Sale

Almost white, beautifully marked. Well grown and an extra good individual. Just old enough to begin light service.

Axtell & Hershey Dairy Farm, Newton, Kansas

P. W. Enns & Son, Newton, Kan.

For sale—A few very choice heifers out of A. R. O. dams and sired by bulls of merit.

R. E. Stuewe, Alma, Kan.

For sale—10 cows with A. R. O. records. Five bulls 10 mo. old, five two-year-old heifers and five yearlings.

Victor F. Stuewe, Alma, Kan.

Bulls—ready for service. Dams' A. R. O. records up to 26 pounds, also on yearly test. Sire's record 30 to 40 pounds. Prices \$75 up.

W. J. O'Brien, Tonganoxie, Kansas

An experienced auctioneer, specializing in Holstein sales, and breeder of registered cattle. A few cows and heifers for sale to freshen this fall.

Chas. H. Seifert, Leavenworth, R.D. 4

Sunnyside Dairy Farm
 For sale—Bull calf out of 26 pound dam and sired by my herd bull, Prince Wayne Skylark De Kol.

J. A. Jamison & Sons, R. D. 2 Leavenworth, Kan.

Southside Holstein-Friesian Farm
 For sale—A few very choice young bulls, out of A. R. O. dams, ready for service this fall.

W. C. Zoll, R. D. 6, Leavenworth, Kan.

For sale—My herd bull, Duke Johanna Clifden, three years old, good individual, nearly white. Priced right. A few bulls for sale this fall.

C. A. Treff, Bonner Springs, Kan.

I offer for sale my 30 pound herd bull, King Peter 18. He is nearly white, five years old and sold fully guaranteed. Write at once.

JERSEY CATTLE.

NINNESCAH JERSEY FARM

For Sale: Bull calves from 2 to 9 months old. Sired by grandsons of Gamboge's Knight and Noble of Oaklands; out of good producing cows. Write for pedigrees and prices. Monroe Coleman, Owner, Sylvia, Kan.

Hillcroft Farms' Jerseys

Herd headed by Queen's Fairy Boy, a Register of Merit bull out of a Register of Merit dam, by Raleigh's Fairy Boy, an undefeated champion. Sire of more R. of M. cows than any other imported bull. Write for pedigree. M. L. Golladay, Prop., Holden, Mo.

Jersey Bulls and Heifers

Two well bred pedigree Jersey bulls, 6 and 14 months old. Very closely related to Financial Sensation, the world's highest priced Jersey bull. Few heifers same blood lines. Satisfaction guaranteed.

O. B. REITZ, COFFEYVILLE, KANSAS

Carload Registered Jersey Females

For sale. Cows and heifers from a herd headed by a son of Golden Fern Linden. If you want something good come and see these Jerseys. L. G. BROWN, Wilson, Kansas.

REGISTERED JERSEY BULLS

yearlings; Oakland's Sultan breeding; \$100 each. PERCY E. LILL, Mt. Hope, Kansas.

GUERNSEY CATTLE.

REGISTERED GUERNSEYBULL

for exchange. Weight 1650 lbs. A good breeder. A. ROLLET, R. 2, Box 25, Barnard, Kan.

When writing to our advertisers mention this paper.

Advertisers in this Department are Members of the Holstein-Friesian Association of Kansas.

G. B. APPLEMAN, Pres., Mulvane, Kan.

P. W. ENNS, Vice-Pres., Newton, Kan.

A. S. NEALE, Sec'y-Treas., Manhattan, Kan.

W. H. MOTT, Sale Mgr., Herington, Kan.

Semi-annual meeting and 2 day Association sale in the Forum, Wichita, Kan., Monday and Tuesday, November 17-18.

Sand Springs Farm

Everything in our barn on yearly test. E. S. Engle & Son, Abilene, Kansas

G. Regier, Whitewater, Kansas

Bulls ready for service by a 30 pound bull and out of A. R. O. dams. Correspondence cheerfully answered, inspection invited.

C. W. Dingman, Clay Center, Ks.

Farms near town. Stock for sale. Motto: Individual production rather than numbers.

Blue Ribbon Stock Farm Holsteins

When you want anything in the purebred line. Sons and daughters of Fairmonth Johanna Putertze 78903, a 34 1/2 pound bull. Write us or see Lee Bros. & Cook, Harveyville, Kansas

J. P. Mast, Scranton, Kansas

Pioneer herd established 30 years ago. Nine different men have bought their third herd bull of me and 12 their second herd bull. Three bulls ready for service this fall.

Dr. W. E. Bentley, Manhattan, Ks.

For sale—Seven cows and some heifers due to freshen this fall. Five cows (grades) to freshen this fall and winter. Two registered bulls old enough for service. Selling grades to make room for purebreds.

Ross' Holsteins

Bull calves by Hamilton Prilly 5th whose dam made a record of 26.49 lbs. butter in 7 days, 105.6 lbs. in 30 days. Pictures sent on application.

S. E. ROSS, R. 4, IOLA, KANSAS

Hillcrest Farm

A few young bulls out of A. R. O. dams ready for service this fall. Inspection invited.

FITZGERALD, PETERSON & WEDDLE, Jamestown, Kansas

Geo. Lenhart, Abilene, Kansas

Some registered young bulls and a few good producing high grade cows to make room in my barn for purebreds.

Collins Farms Co., Sabetha, Kansas

Home of the 40 pound Vanderkamp Segis Pontiac. A few dandy young bulls, ready for service, by this great bull. Address as above.

A. S. Neale, Mahattan, Kan.

We have decided to sell a few yearling and two-year-old heifers and a few cows fresh early this fall. Act quick if you want them.

C. H. Branch, Marion, Kansas

Clear Creek Holsteins
 Three registered bulls of serviceable ages and a few nice heifers for sale.

Braeburn Holsteins

A few cows for sale to make herd fit the stables again. Bull calves by a sire whose dam and sire's dam held world records.

H. B. Cowles, 608 Kan. Ave., Topeka, Kan.

Young Registered Holsteins

Sons and daughter by a half brother to Rag Apple the Great, the \$125,000 2-year-old bull. Now is your chance. Write us. Lilac Dairy Farm, R. No. 2, Topeka, Kan.

Ira Romig, Station B, Topeka, Kan.

Shunga Valley Holsteins
 Service bulls all sold but I have some dandy youngsters, grandsons of King Segis Pontiac. Farm joins Topeka on the south.

Four Bulls for Sale

Two are young calves; others 7 months and 2 1/2 years; the older ones by a 40-pound sire and the oldest out of a 22-pound dam. All registered.

W. B. Van Horn & Sons, R. 1, Topeka, Kansas

T. M. Ewing, Independence, Ks.

King Segis Pontiac breeding. A few young cows for sale and bull calves ready for service this fall.

Albechar Holstein Farm

A few young bulls, of good breeding and individuality and of serviceable ages, for sale. Write for prices.

Mott Bros. & Branch, Herington, Kan.

Maplewood Farm
 22 purebred two-year-old heifers coming fresh this fall. 22 yearlings, open. Write now if interested.

Roy Johnson, South Mound, Kan.

Postoffice, Erie, Kan. Quality Holsteins. The better the quality the larger the profits.

Stubbs Farm, Mulvane, Kan.

Mark Abildgaard, Mgr.
 Young bulls from good record cows and sired by high record sires.

Appleman Bros., Mulvane, Ks.

Young cows due to freshen soon all sold. Still have 2 or 3 young bulls old enough for service out of A. R. cows and 30-pound bull.

B. R. Gosney, Mulvane, Kansas

Some very choice young bulls ready for service this fall and winter. A few young cows and heifers bred to King Pontiac Beuchler.

Al. Howard, Mulvane, Ks.

Bulls ready for service this fall. Write for descriptions and prices.

Eugene Swinehart, Mulvane, Ks.

A few coming yearling heifers and a choice young bull. Pontiac breeding.

C. L. Goodin, Derby, Kansas

For sale—Choice young cows with A. R. O. records and five splendid young bulls out of A. R. O. dams.

Chas. P. High, Derby, Kansas

High's Highest quality Holsteins. Bull calves from A. R. O. dams. Always glad to see you.

D. E. Flower, Mulvane, Kansas

For sale—A few very choice A. R. O. cows and heifers to freshen in October and November. Also bulls of serviceable ages.

YOUR NEIGHBOR BREEDER

If he breeds Holsteins he needs the association's help. See to it he joins. Send his name and check for \$5 to Secretary A. S. Neale, Manhattan, Kan.

25 COWS — HOLSTEINS — 50 HEIFERS

I have 25 cows and 50 heifers, coming 2-year-olds, some of these will be fresh soon and all are due to freshen this fall. These are the large type, well marked and in good condition. Having sold my farm and going to move away these cows and heifers must be sold in the next fifteen days. This is your opportunity to buy some choice milk cows and heifers cheap. Don't delay, come at once.

HOPE PARK HOLSTEIN FARM, A. D. Martin, Prop., Hope, Kansas

HOLSTEIN CATTLE.

For Sale, Holstein Heifers

Some yearlings, some coming 2-year-olds. Six coming three bred to freshen in September and October. 2 cows.

C. A. FEES, R. 4, WICHITA, KANSAS.

CHOICE HIGHLY-BRED HOLSTEINS

Calves; 12 heifers and 3 bulls, 6 to 8 weeks old, nicely marked, from heavy producing dams, \$25 each. Safe delivery guaranteed. Fernwood Farms, Wauwatosa, Wis.

HOLSTEIN AND GUERNSEY CALVES,

Write for our proposition.

Burr Oak Stock Farm, Whitewater, Wis.

REGISTERED HOLSTEIN BULL, ready for service.

Superior individual. Delivered in Kansas for \$100. O. S. Andrews, Greeley, Kan.

POLLED SHORTHORNS.

POLLED SHORTHORNS

Young bulls of Scotch breeding. Herd headed by Forest Sultan. C. M. Howard, Hammond, Kan.

HOLSTEIN CATTLE.



\$150,000 For Prizes, Publicity and Extension Service

Breeders of Holsteins unanimously voted to quadruple the fees for recording transfers of their cattle sold, and spend the income therefrom to place the merits of this greatest of dairy breeds before the public.

If interested in

HOLSTEIN CATTLE

send for our booklets and inform yourself on how to make money in breeding dairy cattle.

Holstein-Friesian Association of America, Box 292, Brattleboro, Vt.

FOR SALE

3 car loads of grade Holstein cows and heifers. Buy direct from the breeders' association. Chippewa County Holstein Breeders' Ass'n, Box 307, Chippewa Falls, Wisconsin.



"Start Right—Send for My Big Free Catalog Today"

"I want every young man mechanically inclined to prepare himself to earn from \$150 to \$400 a month in the Auto and Tractor business. If you like machinery you can become an expert by the Sweeney System of Practical Training in a few weeks."—*Emory J. Sweeney, President.*



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What is there better than the auto and tractor business? This is a mechanical age, and the expert commands not only big pay but unlimited opportunities.

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Over 20,000 graduates tell the story of success attained by this **Million Dollar** trade school.

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But if you are afraid of honest grease and grime don't come here, because we teach with tools, not books, in overalls not silk shirts, by actual work not by listening to lectures.

Learn by doing, by training hand and eye. Our building covers 12 acres floor space. Our equipment is the most complete, up-to-date, unlimited money can buy. We even own a magnificent tractor farm, a real farm, where every condition the farm mechanic will meet is reproduced. All based on the idea of "actual experience."

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By the Sweeney System, you can learn the business in 8 weeks. Don't say—it can't be learned in that time. 5,000 U. S. Army Students were trained in that time for the Government at the Sweeney School. You work on the same wonderful equipment and under the same expert instructors as the soldiers did. If you are made of the right stuff, you can learn it too.

This Catalog is Like a Moving Picture Show. It Doesn't Merely Tell You. It Shows You.

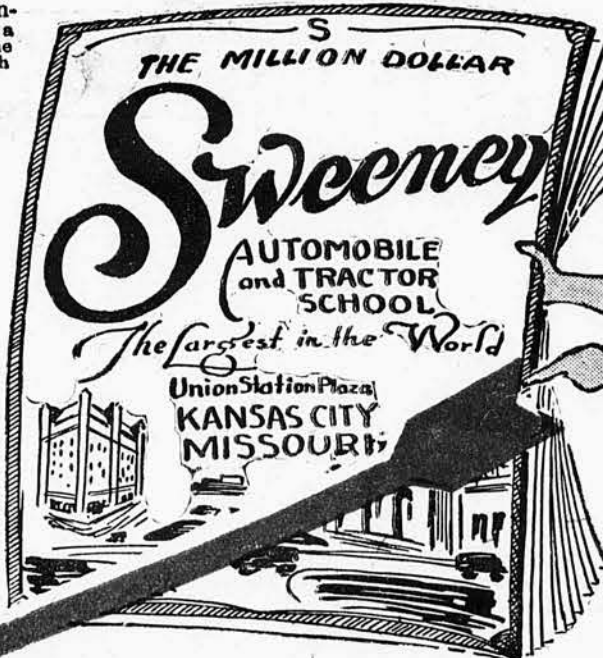
Clip the coupon in the corner, fill it out and mail it to me at once. I will gladly send you my 72-page illustrated catalog free. Also a free copy of the Sweeney School News, a most interesting monthly school paper published here. You will enjoy them. Read the worth while stories of men like yourself who climbed out of the rut, came to Sweeney's and found success. Read how Frank Powell and Harry Wilson built up a \$20,000 business in about two years after graduating. Read how George Stevens rose from a cowboy to an Auto expert in six weeks and how Elbert A. Pence built up a \$25,000 yearly garage business at Clearmont, Mo. These stories and many more are told by Sweeney Students. Also I want you to learn how my students enjoy themselves after work in the heated Swimming Pool, the Club and Reading Rooms, Gymnasium, etc. Send the coupon right now—this minute.

"I got my start" says this successful Sweeney graduate "by sending for the catalog. This is the first and most important step. Mail this coupon NOW."

Sweeney Graduates are eligible for the following positions:

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Trouble Shooter \$3.00 an hour
Salesman \$3500 a year
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There are hundreds of jobs open. Sweeney men are top notchers, in demand everywhere. Thousands of letters from the boys tell their actual experiences in stepping into **Big Paying Jobs** right away. The Sweeney Schools are recognized as the leading technical and trade school. At the same time there is no school in the world where men have more opportunities for recreation and enjoyment, where there is all the enthusiasm and spirit of the old universities like Harvard and Yale.



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