

Twenty Pages

*The*

Price Five Cents

# FARMERS MAIL AND BREEZE

STATE AGRICULTURE  
7 SEP 15  
LIBRARY

Vol. 45.

August 28, 1915

No. 35.

*CP 2*

Shorthorns  
Pay  
In  
Clay  
Page 3



Alfalfa  
Wins  
At  
Gridley  
Page 6

"Like Serried Ranks of Soldiers Clad in Green"

# Light Weight Cushman Engines

Built as heavy as necessary, yet very light weight and very steady running, on account of modern advanced design and Throttle Governor. Cushman engines are not light weight compared with other high grade engines, but they are very light weight compared to farm engines of the old type. Cushman 4 H. P. weighs only 190 lbs. Mounted on iron truck, a boy can pull it around and put it to work. Cushman sizes 8 to 20 H. P. are 2-cylinder, which secures much steadier power than one cylinder engines of same horsepower. 8 H. P. weighs only 320 lbs.; 15 H. P. only 780 lbs. and 20 H. P. only 1200 lbs. Compare these weights with those of other engines. Remember, heavy weight doesn't mean power or steadiness.

## For All Farm Work 4 to 20 H.P.

Cushman Engines are the only all-purpose farm engines built. Besides doing all regular farm work, they will do many jobs ordinary engines cannot do. 4 H. P. saves a team on the binder, and saves the crop when it is wet. 8 H. P. used on hay balers and other machines. Any Cushman engine may be mounted as light portable truck. Equipped with Schebler Carburetor and Friction Clutch Pulley. Direct water circulating pump prevents overheating. Run at any speed; speed changed while running. Cushman Engines are not cheap, but they are cheap in the long run.

**CUSHMAN MOTOR WORKS**  
214 R. 21st Street  
LINCOLN, NEBR.



### THE BEST HAY PRESS

There are many makes but only one BEST. The Eagle is the ONLY press with a perfected self-feed. If you want to be sure of the biggest capacity; the cleanest, surest work; minimum cost of repairs, upkeep and operation cost buy an Eagle. Made in all sizes from the Eagle Jr. 1 horse press to the biggest power models. Write for illustrated folder.

### THE BEST KAFIR HEADER

A really successful and highly profitable header. It will save you hours and hours of hard, back-breaking toil and will pay for itself in one season. Gets ALL the heads—simple hand-lever adjusts to any height. Cuts clean and sharp; elevates perfectly. Eagle dealers will show you. Write for illustrated folder; today.

**EAGLE HAY PRESS & IMPLEMENT CO.**  
Desk K, Muskogee, Okla.

### HAY BALING IS EASY



With the famous Admiral Motor and Horse Presses. Leverage does the work. Big Tonnage. Big Profits.

**Admiral Hay Press Co.**  
Box 79 Kansas City, Missouri

### ABSORBINE

Removes Bursal Enlargements, Thickened, Swollen Tissues, Curbs, Filled Tendons, Soreness from any Bruise or Strain; Stops Spavin Lameness. Allays pain. Does not Blister, remove the hair or lay up the horse. \$2.00 a bottle, delivered. Book 1 K free.

**ABSORBINE, JR.**, the antiseptic liniment for mankind. For Synovitis, Strains, Gouty or Rheumatic deposits, Swollen, Painful Varicose Veins. Will tell you more if you write. \$1 and \$2 per bottle at dealers or delivered. Manufactured only by **W.F. YOUNG, P. D. F.**, 209 Temple St., Springfield, Mass.

**Liceol** Kills Lice  
No Handling Fowls  
vapor kills insects in poultry house & on fowls in 48 hrs. Illustrated circular. Seeing is Believing tells story, also very. Lot of satisfied users. Buy Liceol of your druggist or grocer, or send us 50c today for a bottle prepaid.

**WANTED IDEAS** Write for List of Inventions Wanted by manufacturers and prizes offered for inventions. Our four books sent free. Patent secured or Fee Returned. **VICTOR J. EVANS & CO.**, 825-F Washington, D. C.

# Fall Plowing Being Rushed

## Corn in Roasting Ear and Looking Well

BY OUR COUNTY CORRESPONDENTS

Many farmers are holding their wheat in the stack in the expectation of better prices. They are working hard at fall plowing whenever the weather permits. Corn is maturing rather slowly.

### KANSAS.

**Franklin County**—Clean corn will make a large crop. Good rains this week which will help crops. Hay crop is heavy. Kafir heading nicely. Butter 22; eggs 16.—C. E. Kelsey, August 21.

**Sheridan County**—Harvest over. Too wet for farming operations. Not much threshing done. Corn will make good if frost holds off. Cattle and horse prices are high. Stock hogs \$7.30; old wheat \$1.05.—R. E. Patterson.

**Washington County**—Weather settled after being visited by local showers. Farmers are plowing, threshing, and some still stacking. Farmers are buying their own threshing machines, and some are going together. Two in this vicinity.—Mrs. H. A. Birdsley, August 21.

**Sumner County**—Wheat stacking about over. Too wet to thresh. Corn and kafir doing fine. Plowing for wheat progressing rapidly. Tractors are running day and night. Wheat \$1; oats 35; corn 70; peaches \$1; butterfat 22; potatoes \$1.—E. L. Stocking, August 21.

**Labette County**—Shock threshing nearly over. Wheat in shock has been damaged much by wet weather. Weather cool and cloudy, making it fine corn weather. Clean corn looks good but needs some sunshine. Most of the hay put up.—Wilbert Hart, August 21.

**Kearny County**—Wet and rainy weather in this county. Four inches of rain fell here August 8 and 9. Threshing not done yet. Plowing the order of the days when dry enough. Sorghum crops of all kinds are growing rapidly. Stock doing well.—A. M. Long, August 21.

**Greeley County**—We are having rain almost every night. Work being delayed much on account of soft fields. No threshing done yet. Much wheat will be damaged in the shocks and stacks by wet weather. Corn in roasting ear, and will make a good crop.—F. C. Woods, August 21.

**Johnson County**—Fall plowing being rushed. Much green growth to plow under. Wheat acreage will be smaller this year than usual. Threshing has been delayed on account of frequent rains. Generally wheat is poor. Some oats are not yielding as much as expected.—L. E. Douglas, August 21.

**Clay County**—Farmers say that ground is too dry and hard to plow. Oats are light and chaffy. Corn and roughness coming on fine. Temperature stands 13 degrees above freezing in the mornings. We wonder if frost is going to hold off until corn and other crops mature.—H. H. Wright, August 21.

**Reno County**—Weather cool and wet. No threshing or haying. Some plowing being done in the rain. Grass growing rapidly. Corn prospects are best in 15 years. Broomcorn growing well. Third crop of alfalfa ready to cut. Not much broomcorn was planted this year. Potatoes making a large crop. Wheat \$1; corn 75.—D. Engelhart, August 20.

**Greenwood County**—About 9 inches of rain since July 27. Weather is cool. Late planted crops are not doing so well. Some crops were damaged a great deal by hail in the east central section of the county. Fully 50 per cent of the prairie hay cut has been damaged, some a total loss. Peaches rotting on the trees on account of excessive rains.—John H. Cox, August 21.

**Scott County**—Weather favorable for crops. Have had light showers the last two weeks. Not much threshing done. Sowed cane and millet are heavy crops. Stock doing better, not so many flies. Many farmers are buying tractors, and much land will be plowed for wheat this fall. No disease among stock. No grass cattle going to market. Fat hogs \$6.55.—J. M. Helfrick, August 21.

**Dickinson County**—Weather fine. No rain for a few days. Ground getting in good condition for plowing. Wheat in shock badly damaged. Some wheat was not cut, on account of soft fields. Average wheat making 10 bushels an acre. A heavy crop of hay, and the third crop of alfalfa ready to put up. Farmers are two weeks behind with their work.—F. M. Larson, August 21.

**Decatur County**—Threshing progressing slowly owing to excessive rains. Wheat yielding 2 to 25 bushels an acre. Most at this time averaging 10 bushels. Corn will make a large yield barring early frost. Good plentiful ground in best possible condition for plowing. Acreage of wheat will be somewhat reduced owing to inability to prepare the ground.—G. A. Jora, August 20.

**Douglas County**—Farmers are threshing out of the shock. Wheat yield about 13 bushels an acre. Oats crop light. Corn is looking good. Nights are too cool for corn, keeping it from silking as soon as it should. Prospects are for an early frost. Third crop of alfalfa ready to cut. Stock of all kinds looking fine. Watermelon crop will be a failure. Wheat \$1; corn 80; hay \$8 to \$12 a ton.—O. G. Cox, August 21.

**Anderson County**—Corn has improved 25 per cent in the last month. Oats threshing 4 to 20 bushels an acre. Prairie haying delayed on account of rainy weather. Much hay has been damaged by wet weather. Many are plowing for wheat this fall. A larger acreage of wheat will be sown this year, than for years. Pastures good and stock looking well. There will be but little feeding done this fall and winter.—G. W. Kiblinger, August 21.

**McPherson County**—Wet weather has delayed farming operations. Many farmers over the state have given up hope of finishing cutting their wheat. Farmers are still stacking between showers. Corn prospects never better. Pastures are in first class condition. No hay cut yet. Alfalfa has been cut two to three times, and most of it has been spoiled before it could be put up. A few sales over the county. No fall plowing has been done.—John Ostlund, August 18.

**Thomas County**—One of the wettest harvests in history just completed. Some wheat

went down, possibly 10 per cent. Corn and feed crops are looking good, but corn will be late. Pastures are fine. Hog crop good. Rains every other day. Not much fall work done yet. Roads are in bad condition. No threshing done yet. Farmers will not be able to get out the usual acreage of wheat. Many farmers want hands to work by the month. Paying \$25 to \$30 a month.—C. C. Cole, August 20.

**Cloud County**—Threshing progressing slowly on account of recent local showers. Wheat is making a good yield. Some fields making 30 bushels an acre. Some fields were badly damaged before cutting, and some were not cut. Oats a light crop. Corn and other forage crops will be good. Potatoes and garden truck look well. Plenty of apples and other fruit. Hogs are scarce in proportion to corn prospects. Flies not so numerous as they were a month ago.—W. H. Plumly, August 20.

**Woodson County**—Changeable weather. Cloudy, rainy, and cool. A 6-inch rain August 9 which did a great deal of damage to crops. It also damaged roads, bridges and culverts. Poor haying weather for two weeks, and but little hay has been put up. Corn maturing slowly. Kafir and fetaria not doing so well. Not much plowing being done for wheat as it is too wet. If dry weather doesn't come soon, silo filling will be a problem. Corn 80; flour \$1.60 a sack; hens 9; springs 11; hogs \$6.50; hay in stack \$6.—E. F. Opperman, August 20.

**Sherman County**—Three inches of rain the last week has hindered mowing and stacking the down barley and wheat, and threshing. Everybody busy trying to keep stacks, shocks and bunched grain from sprouting and rotting. Tops of stacks and shocks, and fields are green showing the waste. Three threshers at work on shocked grain, airing it out in the forenoon and threshing it in the afternoon. Frank Sylvester west of Goodland has barley 75 1/2 bushels an acre. Mr. Pettibone of Euleton, barley 72 bushels. Will Detweiler of Kanardo, wheat 40 bushels, and wheat on Sheets farm 40 bushels an acre.—James B. Moore, August 21.

### OKLAHOMA.

**Alfalfa County**—Plenty of rain. Wheat in stacks and shocks is growing. Wheat will average 12 to 15 bushels an acre. Spring crops good. Pastures are green and stock doing well.—J. W. Lyon, August 20.

**Beaver County**—Weather more favorable for the crops the last few days. Broomcorn will soon do to pull. Acreage is much smaller than it was last year. Threshing progressing slowly. Yield of wheat is smaller than was expected. Wheat \$1.05; cream 19; kafir 45.—E. J. Walters, August 21.

**Payne County**—Plenty of rain makes ground easy to plow. Late crops promise a good yield. Cotton is late owing to the wet weather. Plenty of fruit. Hundreds of bushels of peaches will go to waste. Stock looking fine. Big hay crop. Wheat 92; oats 32; corn 70; kafir 70.—Fred F. Leith, August 21.

**McIntosh County**—No rain in July, and 10 inches so far in August. Corn expected to make 10 to 60 bushels an acre. Hay crop will be large. Not all the hay is cut yet. Upland cotton looking well, but lowland cotton getting too large. We are promised a big crop of cotton, but will be late. Too wet to plow. Farmers are filling their silos.—H. S. Waters, August 20.

**Ellis County**—Have had a great deal of wet weather the last two weeks. Too wet to plow at times, and too wet to thresh. Wheat damaged badly where it has not been threshed. Wheat making from 1 to 20 bushels an acre. Averages about 12 bushels. Spring crops look fine. Wheat \$1.10; kafir 50; butter 25; eggs 8; potatoes \$1.25; oats 50.—W. E. Sells, August 19.

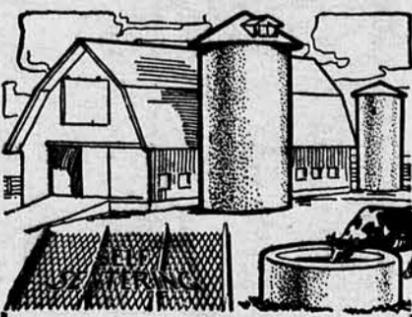
**Grady County**—Continuous rains have caused creeks in some sections to overflow. Most wheat that was not stacked has been threshed. Wheat yielding 8 to 30 bushels an acre. Oats on most farms almost a total loss. Corn will be a large crop, and some will do to huck soon. Heavy peach crop. Cattle in fine condition. Butter 30; eggs 17.—Sam C. Heifer, August 20.

**Pushmataha County**—Had three days of rain this week, after two weeks of dry weather. No crops have suffered for moisture this year. The county will produce more corn than any previous year. No disease among stock. Plenty of forage crops. Our most prosperous people are stock raisers, and we are proud of our new law protecting owners of public breeding stock.—K. D. Olin, August 20.

### Depreciation Costs Are Heavy

The depreciation charge on farm machinery is larger than most men believe. This charge is something one cannot escape, but it can be reduced if good shelter is provided. Here is an average depreciation table, which has been worked out for Kansas conditions.

	Annual Depreciation	Average Life
	Per Cent	in Years
Binders, grain	7.51	12.5
Binders, corn	10.30	10.0
Cultivators	7.25	13.7
Disk harrow	5.19	19.2
Drills	6.75	14.8
Fanning mill	4.58	21.8
Gasoline engine	7.35	13.5
Grain tanks	3.47	28.8
Harrows, tooth	8.73	11.4
Harness, heavy	6.17	16.2
Hay racks	7.76	12.8
Hay loaders	11.78	8.95
Hay tedders	4.84	20.7
Horse weeder	5.71	17.5
Manure spreader	11.67	8.5
Mowers	7.80	12.8
Planters, corn	7.15	14.0
Plows, sulky	8.43	11.9
Plows, walking	6.09	16.4
Plows, gang	7.40	13.5
Reapers	8.13	12.3
Seeders	6.75	14.8
Sleds	5.81	17.2
Thrashing machines	12.00	8.3
Wagons	4.89	20.5



## Concrete over Self-Sentering

makes the fastest, simplest, cheapest form of everlasting construction. Use it for your silos, your grain and water tanks. You need no forms, there's no complicated construction.

### SELF SENTERING

### Silos Grain and Water Tanks

cost but little more than wood and never need paint nor repairs.

Can't Burn Up; Can't Blow Down.

Self-Sentering comes ready-curved to the right radius. You can build fast, but you must

Act Quickly

if you are going to have safe grain, feed and water storage this year. Tell us what your needs are and we will advise you regarding sizes, capacities and costs.

We can quote prices of materials and put you in touch with experienced men to do the work. Get this information now.

**The General Fireproofing Co.**  
2204 Logan Avenue Youngstown, Ohio

Agents: Builders Material Supply Company Kansas City, Mo.

### PRICES ON ENGINES, SEPARATORS AND SPREADERS MUCH LOWER

LOOK at these prices! Any size engine from 1 1/2 to 16 h.p. stationary or mounted, at proportionate prices. Our great volume, modern, simplified design and standardized manufacture make these prices possible. Hundreds of thousands of Galloway customers testify to the quality of Galloway built and sold direct goods. Do not buy an engine, spreader or cream separator until you know G75 and all about our new low cut-down-to-bedrock summer prices. Manufacturing improvements have enabled us to slash the price and maintain quality. All Galloway Goods sold on a binding money-back-if-you-don't-like-them plan. Don't buy until you first get our new book and new low cut-and-slashed prices for the summer months. Shipped from Chicago, Waterloo, Minneapolis, K. C., Council Bluffs, Wm. Galloway Co., Box 47, Waterloo, Iowa.

### Build a Better Silo

Build it yourself. One that will hold more and cost less and guaranteed to keep ensilage in perfect condition in the hottest or coldest weather. Wind-proof and storm-proof. Investigate

### THE ECONOMY

—the silo sensation of the year. Send your name today for full particulars, estimate of cost and ten practical reasons why the ECONOMY Silo is the cheapest and best silo for you to own. Address

**ECONOMY SILO COMPANY**  
1210 St. Louis Ave., Kansas City, Mo.

### Concrete Mixer Plans

FREE Blue prints and instructions for building the best practical home-made concrete mixer invented. Your name on post card brings all ABSOLUTELY FREE. WRITE. Sheldon Mfg. Co., Box 2830, Nehawka, Neb.



# THE FARMERS MAIL AND BREEZE

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



Volume 45  
Number 35

TOPEKA, KANSAS, AUGUST 28, 1915

Subscription  
\$1.00 a Year



## Shorthorns Pay In Clay

By F. B. Nichols, Field Editor

**S**HORTHORN cattle always have been fascinating for Sam B. Amcoats of Clay Center. His boyhood was spent in the Shorthorn district of England, and he thus had an opportunity to make a close personal study of the breed in the section where it originated. It is not at all strange, therefore, that he should have a great belief in these animals when he came to Clay county. His knowledge of the methods used by the masters in the Shorthorn world in England has done much to aid in his success here.

A visitor is impressed just as soon as he arrives at the Amcoats farm that the farming system is based on Shorthorns. You are impressed, also, with the fact that there is a very definite system—the excellent improvements, the fertile fields and good pastures all tell of a well founded plan of action. The Shorthorn herd on this 480-acre farm consists of about 60 animals, of which about 35 are breeding cows. Some young heifers will bring up the breeding herd for next year to 45.

This herd is handled with the idea of the requirements of the trade closely in view. The aim is to get growth, not fat, and to produce animals which will make a profit for the buyers. It is necessary, Mr. Amcoats said, that a breeder should always remember that the final destination of the meat breeds is the block, even if the animals he grows are not used for this purpose.

Great care was used in selecting the foundation stock, and in the purchases

since then. The head of the herd is a grandson of the noted Whitehall Sultan, which is a bull that is almost as famous as the Shorthorn breed. A likeness to this great sire can be traced in the grandson.

Care in feeding is necessary along with good breeding in the success of any breeder. With cattle it is especially important that the ration should be high in growth producing materials, and of this grass is the foundation. Much attention is paid to the grass lands on this farm—probably the inspiration for this came from the boyhood of Mr. Amcoats in England, in a section noted for its excellent pastures.

One of the most important things is not to overpasture grass land, Mr. Amcoats said. The aim is to let considerable seed mature every year, so the grass will reseed itself. The weeds usually are mowed in the summer, as this has been found to be very effective in fighting them. By destroying the weeds, and leaving seed and a part of the grass growth on the land the soil has been kept in fairly good physical condition, and it is producing grass yields that are far above the average for that section. At the same time the grass has quality, and it enables the Shorthorns to make a rapid and profitable growth.

A part of the growth consists of native grasses, but a great deal of it is of the tame plants. The combination which is commonly used, and which has given excellent results, is a mixture of Brome grass, Orchard grass and Red

clover. It is sown in the fall, usually in September, on soil prepared much the same as for alfalfa. The mixture for an acre consists of 15 pounds of Brome grass, 15 pounds of Orchard grass and 4 pounds of Red clover. This is a much higher proportion of Orchard grass than is commonly used in mixtures of this kind, but Mr. Amcoats said that it had proved to be the best mixture under his conditions. He tried a smaller seeding at first, and he did not always get a stand.

The soil is kept in pasture about four years as a rule, and it then is plowed up, and planted to corn. There usually is a considerable increase in the grain yields from this treatment. For example, take the results with wheat last year. One pasture was plowed up in the winter of 1912-13 and planted to corn the following spring. There was a

be a little loose dirt, but only on top. Four crops a year are obtained as a rule, except in seasons of extreme drouth. As a special effort is made to cure the hay so as much of the bleaching is eliminated as possible, and an effort is made to hold the leaves, it usually is saved with a high feeding value.

The grain crops grown on the farm are corn, oats and wheat. About 75 acres of oats is planted every year, and it is all fed on the place. A great deal of the oats is fed as bundle grain. A very important part of the feed of the Shorthorns in the winter is made up of the bundle oats and alfalfa, with the coarser roughages which the farm produces. But little concentrated feed is used.

Storage space is provided for all the hay grown on the farm, so it can be kept in the best condition. The improvements on this farm are large enough



Mr. Amcoats and the Herd Bull, Which Is a Grandson of That Most Famous Shorthorn, Whitehall Sultan.

drouth in 1913 in that section, of course, and the yield was light, but it was harvested, and the land was put into wheat. Last year the wheat on the former pasture soil made 35 bushels an acre, while that on adjoining land, which was plowed and planted at the same time—the rows went across both plats—made 17 bushels. This is a more extreme variation than usually is found, but even a much smaller difference would indicate the value of changing the pasture ground from time to time, when this is practicable.

Almost as large a variation is frequently found in the increases obtained on the alfalfa sod. This legume is a leading crop on the Amcoats farm, the aim being to have 50 acres or more all the time. It does especially well, as the soil is well adapted to it. The stands usually would last a great deal longer than they are kept, but it pays to plow them up, and extend the acreage over the soil which has been in grain crops.

Alfalfa is sown in both the fall and spring. Mr. Amcoats believes in spring seeding except where the land is badly infested with grass. About 15 pounds an acre of seed is used, and it is sown on a firm seedbed. It is desired that the soil shall have the capillary attraction well restored, and that there shall

for the farming system used, but there is nothing fanciful. Everything has a definite utility value. These improvements include a farrowing house, as some attention is paid to hogs. Mr. Amcoats has been in the purebred hog business some, and he would devote more time to this end of the work if it were available. He believes that the Shorthorns should come first, however.

A special effort is made to care for the manure properly. An immense amount is produced, of course, which usually is enough to cover a large part of the corn land in the spring. By the careful use of this fertility, and the rotation of alfalfa and pasture with the grain crops it has been possible to maintain and in some cases to increase the crop producing ability of the soil.

This matter of maintaining the soil fertility is something in which Mr. Amcoats takes just as much pride as he does in the breeding of his Shorthorns—and that is saying quite a good deal. Probably much of his regard for the maintenance of fertility came from his boyhood on soil which had been farmed for thousands of years, where the waste of plant food is considered criminal. At least he has resolved that his part of Clay county, Kansas, shall be maintained in its present fertile condition.



A Large Corn Crop Will Be Produced on the Amcoats Farm This Year; This Field Has Been in Tame Pasture Grasses.

**DEPARTMENT EDITORS**  
 Livestock Editor.....Turner Wright  
 Field Editor.....F. B. Nichols  
 Farm Doing.....Harley Hatch  
 Markets.....C. W. Metaker

Entered as second-class matter Feb. 16, 1905, at the postoffice at Topeka, Kansas, under act of Congress of March 3, 1879.

**SPECIAL TO ADVERTISERS.**  
 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. We begin to make up the paper on Saturday. 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 earlier orders and advertising copy are in our hands the better service we can give the advertiser.

# The Farmers Mail and Breeze

Member of Audit Bureau of Circulations.  
 Published Weekly at Eighth and Jackson Streets, Topeka, Kansas  
 ARTHUR CAPPER, Publisher. T. A. McNEAL, Editor.  
 CHARLES DILLON, Managing Editor. A. L. NICHOLS, Associate Editor.  
 E. W. RANKIN, Advertising Manager.

**SUBSCRIPTION RATES.** - - - - - One Year, One Dollar.  
**ADVERTISING RATES.**  
 50 cents an agate line. 110,000 circulation guaranteed.

**DEPARTMENT EDITORS**  
 Women's Pages.....Mabel Graves  
 Dairying.....A. G. Krtell  
 Poultry.....G. D. McCluskey  
 Mgr. Livestock Advertising.....Frank Howard

No honor for medical advertising accepted. By medical advertising is understood the offer of medicine for internal human use.

**ADVERTISEMENTS GUARANTEED**  
 WE GUARANTEE that every 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

### On the Way

It would appear as if when the Lord had about finished making the world, he had a lot of waste land left over and just dumped it promiscuously out here in the western part of the United States. After a few million years man came along and divided it into states.

Take the state of Nevada, for example. It is about 400 miles long and 300 miles wide. If it were smoothed out it would be a thousand miles long and 700 miles wide. Within the confines of this state there are a hundred million square miles of territory which so far as is known are of no value. There may be minerals under them, although none has yet been discovered but agriculturally speaking it would require a million acres to raise enough to satisfy the appetite of a healthy katydid.

Of course great mineral wealth has been developed in Nevada. The great Comstock mine for example, which in its time was the richest silver mine in the world and made several millionaires out of rather inferior clay. Then there is the Goldfield district which has produced a large number of fortunes and also given the opportunity to capture a large number of suckers, but the question arises, Why waste so much land just to hide a few mines in it? There are 20,000 less people in the whole great state of Nevada than in Shawnee county and when you ride over the state you do not wonder why there are so few people in the state, but why there are as many as there are.

We passed through Reno, famous for its divorcees and for being the place where Robert Fitzsimmons put the kibosh on the fistic championship of one James J. Corbett.

I wish here to correct a statement which has appeared frequently in the public press, which stated that the brakeman in calling the station announced that the train would wait 10 minutes at Reno in order that persons desiring divorcees might be accommodated and then proceed on their journey. I am credibly informed that this statement was much exaggerated, that as a matter of fact a divorcee cannot be obtained in Reno in less than two days if it is expected to stick. Persons obtaining divorcees in less than that length of time are running some risk of having the decree set aside. The courts of Nevada wish to be accommodating but they must establish a limit in order to preserve their dignity. Anyway it should not be expected that a judge of a court of competent jurisdiction in Reno would abandon a game of poker when he was holding a winning hand and convene court every time the train pulls in.

There is not a great amount of wild mountain scenery along the road between Salt Lake City and Lake Tahoe. I do not recall any such short curves and steep grades as are common in Colorado and parts of Utah. In those states it is not uncommon to run around a mountain three or four times in order to get over it. I was told that in going around one of these curves with a long train the engine was traveling in one direction while the rear end of the train was going in the opposite direction on the track below. The engineer carelessly expectorated out of his cab window and hit the bald head of a fat tourist who was standing on the rear platform admiring the scenery. The fat tourist was surprised and remarked to a fellow passenger as he wiped the saliva from his hairless dome of thought, that he had labored under the impression that it never rained in that part of the country.

### At Lake Tahoe

Lake Tahoe is said to be the largest body of water in the world at this altitude. Whether this is true or not I am not prepared to show. The statement has gone undisputed now for a number of years and so far as I am concerned, the record can stand. As a matter of fact the lake is 23 miles long and 16 miles wide and between 6,000 and 7,000 feet high.

There are two theories about how it happened to get here. One is that many ages ago, prior to the crime of '73, this was a vast crater. Finally the volcano ran out of steam and quit. Nature saw that the hole at the top of the volcano would be a bully place to locate a high lake where in the future tourists could spend their money, and so the crater was filled with water. Another theory is

that the great glacial plow which passed over this country dug a great hole here and this is the present site of Lake Tahoe. You are at liberty to take your choice between these two theories, or if you are not satisfied with either one start a theory of your own. I refuse to argue the question or chew the rag about it. There are persons I suppose who would sit up half the night trying to prove that the glacial plow theory is right and there are others who would miss a meal while they tried to prove that this is an extinct volcano crater, but to me it is a matter of indifference. All I know or care to know is that it is the most beautiful body of water I ever have seen, with the possible exception of Yellowstone lake which resembles it greatly. Calm, sparkling and dimpling in the unclouded light of the sun, it resembles a large and splendid emerald, bound round with the everlasting mountains clothed with their cedars like ancient Lebanon.

Tahoe lake has a business of its own aside from being a place where tourists gather. It is one of the greatest breeding places for trout in the world. Many men make a living during the summer and fall months fishing for trout and selling their catch. If however, you labor under the impression that the tourists here are surfeited with lake trout, forget it. They are not. I am told that the fishermen get about 40 cents a pound for the fish undressed. A fish loses some forty or fifty per cent of weight in dressing, so that the trout ready for cooking, costs from 70 to 80 cents a pound. Without further explanation you will understand that the tourist gets hash much oftener than trout.

The tourist can fish if he desires. He must first dig up \$5 to secure the permission of the state of California. He must then get his fishing tackle, which will cost him anywhere from \$2 up to \$25, according to his money and desire to be a real sport. Then he must get a boat and bait. Then he is likely to suffer disappointment. The trout, gazing at the tenderfoot through the limpid waters of the lake, spots him at once and calmly winking his other eye, flirts his tail and swims away.

I have not fished for trout. Many a man I suppose, would lie about it and puff out his chest and tell about the glorious trout fishing he had on Lake Tahoe, and how he played with the speckled beauties until finally, wearied out, the fish gave up the struggle and were hauled in. I will not have the blood of an innocent trout on my conscience and then I don't want to spend the money for fishing license and tackle.

Having sacrificed all claim for fame as a fisherman you may believe me when I tell you that I did see the sun rise on Lake Tahoe. The sight is worth losing an hour's sleep to witness. Rising in splendid radiance above the mountain range on the east it covers the water as with a sheet of molten gold.

### The Forest Reserves

This is a government forest reserve. A good deal of criticism has been indulged in about the government forest reservation but I am satisfied that it is a good policy and should have been inaugurated 50 years sooner than it was. If an intelligent policy of forest conservation had been established half a century ago and enforced, this country would have had an abundance of good timber to supply the needs of the people for all time.

A false impression prevails concerning government forest reserves. I think most persons believe that when a forest reserve is once established no timber is permitted to be cut from that reservation. The fact is that a great deal of timber is cut from these reserves but the government agents determine what timber shall be cut. They also require the persons cutting the timber to take care of the brush so that it does not become a fire breeder.

Rules for guarding against fires are established by the government and enforced as far as possible by the forest rangers. Here are some of the rules:  
 Do not throw lighted matches in the dry leaves and underbrush.  
 Do not knock the fire from your pipe or throw lighted cigars down where they are apt to start fires.  
 Do not build larger camp fires than are necessary and be careful to extinguish the camp fire when breaking camp.  
 Choose camping places if possible where there

is little danger of the camp fire spreading into the dry grass or leaves.

Of course all the rules that can be promulgated and all the care that the limited number of forest rangers can take will not entirely prevent forest fires. It is impossible to make all persons careful. There are men who would strike a match in a powder factory if they were not carefully watched. Of course the same man would not strike more than one match in a powder mill but then by a conservative estimate a fool is born into the world each second of time so that the supply of fools is not likely to be exhausted. But the care exercised by the forest rangers I am satisfied is doing a great deal to prevent forest fires and the stopping of indiscriminate cutting down of the trees will preserve the forests to a great extent.

There are of course trees which ought to be cut down and turned into lumber. Their removal would be a benefit instead of an injury to the forest. The trouble is that the government waited until the most valuable forests were destroyed.

It takes a long time to grow a fine pine tree but a mighty short time to destroy it. If the northern half of Michigan were put into a great forest reserve and fires kept out of it for a hundred years, nature would reforest it, but the American people are too new and too impatient to provide in that way for a future generation.

Wood seems to be about the only fuel about here. The company which owns the Tahoe tavern, the largest and most expensive resort on the lake, also owns the narrow gorge railroad which runs from Truckee station up the Truckee River to the lake. The train is pulled by a little primitive wood-burning engine such as used to be common 40 or 50 years ago. It looks like a toy compared with the huge mogul engines which pull the trains across the continent, but is a saucy, self-sufficient little machine, with a whistle entirely out of proportion to its size and seems to be inordinately proud of the fact. So it goes puffing and snorting up and over the Truckee River from Truckee to Tahoe City, every few minutes letting out an ear-splitting shriek, as much as to say, "I am the biggest thing in these parts and can make as much noise as any of the big fellows."

Incidentally, I might remark that the regular fare on this road is 10 cents a mile.

When John Fremont was hunting a way across the continent he found this Lake Tahoe but wasn't in a condition to really enjoy it because he and his men were nearly starved when they arrived. Fine scenery doesn't appeal particularly to men when they are starving and nearly frozen and don't know when they are to get any more grub. Still, even at that, John was impressed with the marvelous beauty of this mountain lake.

However, his needs were pressing and his pack animals, many of them, were already starved and the rest so weak from hunger that they could hardly travel. The men were in little better condition so it was necessary to leave all baggage and equipment which was not absolutely necessary.

John had with him a small brass cannon which he had taken along for purposes of offense and defense but he had not found any fighting worth while to do and so concluded that he could dispense with the cannon. This abandoned gun lay unmolested for more than 40 years until the people at Tahoe City found it, mounted it on the bluff overlooking the lake at its northern point and here it remains, a reminder of the great and immensely difficult journey of the "Pathfinder" across the continent.

### The Bishop

There is one thing I notice here and that is that you can't tell from the looks of a man what his business or station is when he is at home. We have been tramping around a little through the woods with a man whom I would have guessed followed the avocation of a bull whacker but I learn that he is the Episcopal bishop of Nevada. He smokes a pipe and is dressed like a farmer ready for the harvest field, but for all that he may be a cracker jack of a bishop. I understand he is going to hold services here this evening and I will give him a try-out. As I have intimated, if I were out gunning for bishops I would not have taken a shot at him in a thousand years.

I am of the opinion that Nevada probably needs

religion as badly as any state in the Union. So far as I know it is the only state which has made an open bid for prize fighting and which is at the present time in partnership with a gambling game.

Over at the town of Reno which is about 30 miles from here, is a horse racing fair conducted by the state. Gambling is not only permitted but encouraged by the state government which acts as banker and takes a rake-off of 8 per cent on all bets. And they are betting them high. On a single day last week the bets aggregated more than \$60,000 of which the state pulled down \$4,800. From all that I can learn the gamblers run the state and elect such state officers as they need in their business.

And yet I am of the opinion that Nevada has sent one of the most useful and practical men to the United States senate that is found in that body. I have wondered how it happened that as good a man as Newlands happened to be sent to the senate from Nevada.

I think I said something in a previous letter about the principal steamer which makes daily pilgrimages around Lake Tahoe. The captain of the boat tells me that he has been sailing on this lake for more than 40 years and he looks as if he were good for 40 more. The pure air, pure water and peaceful surroundings are conducive to longevity.

If a century or two after my days on earth this time are ended, I am permitted again to visit the world and take a trip to Lake Tahoe I shall not be surprised to find this old German captain still hale and vigorous, conducting his boat on its daily sight-seeing rounds.

### Leaving Lake Tahoe

Last night the bishop of Nevada put on his clerical robes and held services here at Lake Tahoe for the benefit of the guests. I said in an earlier letter that if I had been out gunning for bishops I would not have taken a shot at this one. I have not changed my mind. Of course you expect more from a bishop than you do from just a common plug preacher and when a man togged out in the clerical robes of a church dignitary of the rank of bishop hands out a vapid, meatless mess of words and calls it a sermon, you are apt to feel that you have been bunceed.

It may be that the bishop hadn't a fair show last night. He was conducting services out in the open air on the dance platform erected by the hotel people. It was cold for the few people who sat around at the edge of the platform and probably was chilly for the bishop. At any rate he didn't succeed in warming things up and left the impression on me that he didn't really mean it. He had the holy tone, put on generally with the clerical robes, but it didn't seem to me there was much of anything behind the tone. Still it may be that I am doing the bishop an injustice.

He made the statement that there are 700 million Christians in the world at this time. What is the sense of handing out a statement of that kind to a fairly intelligent audience? If there really were 700 million people in the world who really believed in and practiced the doctrines taught by the Nazarene this world would be a very different place. If there were the half of 700 million real, genuine Christians in the world there would be no war in Europe today. There may be that many, possibly, who are counted as Christians in the statistics but a small per cent of them are the genuine stuff.

This is a heathen world and the truth might as well be acknowledged. With two-thirds and I think with three-fourths of the people who profess to be Christians their religion in a matter of form, which neither makes them individually or the world in general any better. Still this much is to be said, it is hard to get up any fervid religious sentiment when the temperature is down to about 45 or 50 and you are sitting bareheaded in the open air where there is no fire. If a man is baldheaded his dome gets cold. The noses of the women get cold and threaten to run. I do not believe it is possible for an ordinary individual to get profoundly stirred religiously when the goose pimples are rising on his person and his nose is red and cold as the smeller of a dog.

A hundred feet or less from where the bishop was delivering his empty platitudes was a roaring camp fire which cast its ruddy shadows over the waters of the lake and threw out a welcome glow of heat on the semicircle of tourists sitting about. The people about the camp fire didn't care to leave it to drink in the words of the bishop and the faithful few who sat with bare heads on the dance platform wanted to join the crowd about the camp fire.

Tomorrow we leave Lake Tahoe. The place where we are stopping is called "Homewood," seven miles from the famous Tahoe tavern. We like it very well but I am not legging for any particular resort. We are not complaining at all but neither do we feel that we owe the people who run this resort hotel anything in particular as we are paying what I consider a pretty stiff price for our accommodations, but this is the best we have found here for the money, and therefore I am not complaining. All I have to say is this: If you are seeking a quiet place where you can forget your work and worries and cares, Lake Tahoe ought to suit. Here is a place where the sun feels good in the morning and a fire feels bully in the evening and here every

morning and every evening you can look upon a picture such as no human artist can put on canvas—the lake shining in the twilight like molten gold, while the rugged mountains that girt and guard it are lighted with the glow of the sun sinking to rest behind their everlasting fortresses.

### A Traveling People

I am struck as I cross the country, with the great amount of travel. We are getting to be the greatest travelers on earth. I believe I spoke of this as being something of a wilderness. It is in a way, but there is an automobile road leading through the woods and along this road on the Fourth and fifth of July this year, I was told 1,000 automobiles passed. That sounds like a big yarn but the man who told me doesn't look or act like a liar.

During a week's stay at Colorado Springs I saw automobiles I think from at least 12 different states in the Union. The drivers were men and women. Some of them had made the journey from the Atlantic coast and some from the Pacific. Some from Texas and some from as far north as Canada. It might seem that this would tell seriously on the railroad travel, but the roads leading across the mountains of the West probably never had such heavy traffic as now. They are running long trains in sections and every section is crowded to the limit.

There has been a good deal of complaint about hard times but you wouldn't suspect it if you took a trip across the continent. Of course the Panama Exposition is creating considerable of this travel, but after all, that is only an incident. The people just want to go somewhere and the San Francisco Fair is an excuse.

### A Reader's Complaint

Editor The Farmers Mail and Breeze—Some time ago someone asked you to publish some of Ex-Senator Beveridge's ideas on the German situation in the present European war, or at least inquired if you had read them. You merely acknowledged having read them but never published any of them. Now, frankly, do you regard your own opinions and those of others looking on at a distance as being worth more than those of men of Mr. Beveridge's ability who have been on the ground and observed for themselves the armies of both sides?

The fact is that we are practically very strongly biased one way or the other on this war question and persons are bound to discover gradually that they cannot place confidence in our utterances if we persist in evading either side of the question. Would it not lend strength and moral tone to your page in your excellent paper if you were to practice a kindly, generous disposition in publishing the utterances for and against both sides?

Is it not a remarkable fact that many of the foremost men of letters and others who have spent some time among the contending armies have returned with pro-Teutonic tendencies although without exceptions they went there anti-Teutonic? Among these are Ex-Senator Beveridge, John T. McCutcheon of the Chicago Tribune, Irwin Cobb, O'Donnell Bennett and many others. None of these things, however, do you ever mention nor do you seem to think them worth while to consider. Why? The question here is: Why did all these men change their views? Are they all placed suddenly in the unreliable list? They were not so regarded before the war. Hundreds of your subscribers are looking for you to publish the pros and cons of this war and the sooner you do it the better it will be for your paper and all concerned because people as a whole recognize fairness and unfairness even in this momentous issue.

Greensburg, Kan.

L. E. HILDEBRAND.

I read with some care the articles written by Ex-Senator Beveridge while he was in Germany and also while he was in France and England. He only pretends to set down the things told him by the leading men of those countries. The two reasons why I did not republish them were first, because of their length, and second, because they did not contain any new information.

All the statements made to Beveridge by the German leaders had been repeatedly set forth by the German government in an attempted justification of its course. I had read these statements and most of the reading world had read them long before Senator Beveridge made his trip to Germany. And I say now that the defense of its action set forth by Germany was not a defense that will stand the test of an impartial judgment.

So far as atrocities now being committed in Europe are concerned, it is likely that all the contending forces are guilty of atrocities. That is the inevitable result of war which makes men regardless of human life and callous to human suffering but no excuses nor words can palliate the conduct of Germany toward Belgium.

When this awful war has ended and nature, more kindly than man, has covered with verdure the graves of the dead; when the conflict is sufficiently removed so that men can take a proper perspective, history will set down the verdict that the invasion of Belgium was one of the most cruel crimes ever committed by any nation.

The German leaders have tried most industriously to convince the world that Belgium was guilty of duplicity and treachery. The world does not believe that and shows its disbelief by contributing lavishly to the support of the Belgian sufferers. Every ship load of provisions sent to Belgium is an accusation against Germany.

The German emperor and his ministers reiterate the statement that Germany was forced into this war and was only acting to defend her integrity as a nation. If there ever was any doubt about the falsity of that statement there is none now. Germany was prepared for war to the last strap on the last soldier's knapsack. She is prepared with

munitions together with what her factories can supply to last her, according to her own boasts, for 10 years. Her own statements are a confession that she knew her opponents were not prepared, for she asserts that if they had not been able to obtain arms and ammunition from the United States they would have been forced to sue for peace many months ago.

An unarmed man does not attack another man whom he knows is fully armed. Neither does a nation unprepared seek a conflict with a nation it knows to be fully prepared.

The German emperor may proclaim with pious cant that he did not will this war, but the facts give the lie to his assertions.

So far as being fair is concerned, if Mr. Hildebrand has read the Farmers Mail and Breeze he knows that I have published more letters from German sympathizers than I have those favoring the allies. I have permitted my German readers to abuse me without stint because I wanted to be fair. I have made no concealment of my individual opinion however. I believe that the German emperor and his advisers are guilty of the greatest crime of history. If there is a judgment bar before which men will be called to answer for the sins committed in this life, I believe William the Second will have to answer at that Supreme Bar of Justice and that the spirits of the millions of uncoffined dead whose lives he needlessly sacrificed, the millions of widows and other millions of orphans left without husbands, fathers and supporters, will stand as his accusers.

### What Labor Creates

Editor The Farmers Mail and Breeze—In your reply to H. J. Williams, July 17, you say that "labor does not create all wealth and never did." And also, "The value of an article depends on the ability of persons to use the article."

I have examined the books of several economic writers and I do not find that they quite agree with you. Ricardo says: "The value of a commodity . . . depends on the relative quantity of labor which is necessary for its production."

Rodbertus says: "All economic goods are to be regarded as the products of labor, and they cost nothing but labor." McCulloch also bears witness: "The cost of all freely produced commodities, the supply of which may be indefinitely increased (abstracting from temporary variations of supply and demand), depends wholly on the quantity of labor required for their production, and not upon the rate at which that labor may be paid. This is the fundamental theorem of the science of value, and the clew which unravels the intricate labyrinth of the laws which regulate the distribution of wealth."

From Henry George we learn that, "What the idea of value really springs from, is not the relation of each thing having value to all things having value, but the relation of each thing having value to something which is the source and natural measure of all value—namely, human exertion."

Kautsky, the compiler of the "Erfurt Program," tells us that, "The value of a commodity is determined by the amount of labor generally required to produce it," and adds, "The price of a commodity, nevertheless, seldom coincides with its value."

Marx, a very clear economic thinker, says, "The magnitude of values is measured, plainly, by the quantity of the value-creating substance, the labor, contained in the article." And again, "As values all commodities are only definite masses of congealed labor-time."

Vall says: "Value, then, expresses the relation, not of things to things, but of things to labor—the source of all value." He says further, "In the final analysis, then, labor measures all value, even the value of gold and silver; hence, the appropriateness of fixing a definite quantity of labor as a unit of value." He continues: "In considering value, of course, we are dealing with such commodities as can be increased in quantity by the exertion of human industry. There are other wares, such as rare pictures and statues, wines of a particular quality made from grapes grown on a particular soil, which have what is called a scarcity or monopoly value; that is, their value is not determined by the amount of labor congealed in them, but purely by demand and supply. These articles are comparatively few in number and so have no real bearing upon the question. Scarcity can create nothing real, so the values due to it are unreal ones; consequently, the exception, if so it may be called, only proves the law that labor alone creates all real values."

I take it that Mr. Williams did not mean that labor created the raw material, such as virgin soil, metals in their original state, uncut diamonds, Indian ponies, that were created for the use of labor by the Master Laborer. He meant that the application of labor to these raw materials is necessary in order to produce wealth or value; the soil must be tilled, the ore mined, smelted; the diamonds cut, the Indian pony must be taught to lead and broken to ride.

To return to Vall: "When we say that labor creates all value, it is not meant that land and capital are not factors of production, but that labor alone is the active factor, the others being passive. Land and capital are the tools used by labor in the production of utilities. Production consists in labor modifying the natural products of nature, so as to better fit them to satisfy human desire. In this process capital is always used by labor, never labor by capital."

At a time when so many of your editorial brethren have gone rabid with the hydrophobia of jingoism, I wish to commend you for the stand you have taken against militarism; and what you have said in favor of disarmament meets with my hearty approval.

R. 4, Box 76, Woodward, Okla.

J. P. GRANT.

### Pope Planning for Peace

The pope of Rome is working on a plan to bring peace. I admire the old man's purpose but his plan probably will avail little. When all the nations involved are worn out and sick of the whole brutal, senseless business, then and not till then will they be ready to listen to the pope. Up to that time he is wasting his breath. Still, it is his breath and if he wants to use it that way he has a right to do so.



# What Kansas Road Laws Say

## Work in the Townships Is Described in This Section

BY C. D. YETTER

THE TOWNSHIP trustee, clerk and treasurer are the board of highway commissioners in townships. All mail routes and township roads are under their control. They are to appoint one or more road overseers for their respective townships, who is to receive \$2.50 for every day's actual time engaged in road work. No member of a township board can be appointed road overseer for any part of the township in which he holds such office.

The highway commissioners and county engineer of roads and bridges determine where and when work shall be done on all township roads and mail routes.

The township trustee is the chairman, and the township clerk is the clerk of the board, who are also the township auditing board, and they are required to hold regular meetings the last Saturday of January, April, July and October every year, also the second Saturday after election. If a special meeting is called, all members of the board must be notified. No business is to be transacted by them except in a meeting of the board. The clerk must keep a record of all the official acts of the board in a well-bound book, supplied by the board for that purpose, and the chairman and clerk must sign the minutes of meetings.

It is the duty of the highway commissioners to keep all township roads and bridges in repair and improve them as far as practicable. They have authority to tile and drain, grade with gravel, rock or other material, and employ a superintendent to carry out their orders and look after contract work let by them if they so desire. They may let contracts and employ laborers, or leave this oversight to the county engineer. When the estimate of a contract is more than \$100, the letting must be advertised once, and not let until 10 days after the advertisement appears, and must go to the lowest responsible bidder. No contract can be let for more than the estimate, and the total outstanding contracts must come within the amount of the tax levy. The highway commissioners are prohibited from having any money interest in contracts or the purchase of tools or material. Contractors must file a bond equal to the estimate of the work bid on, and may be paid from time to time as the work progresses, up to 75 per cent of the estimate.

The highway commissioners receive \$2 a day for time actually spent in attending meetings of the board. It is the duty of the several trustees in townships to make full itemized reports in duplicate on the last Monday of April and October, giving days worked and moneys expended with dates in complete detail. One copy of this report goes to the highway engineer, and the other is for the board.

It is the duty of the county engineer of highways to consult with the township trustees and highway commissioners and give them instructions as to the best methods of making road repairs and improvements, especially as to the use of the road drag, and the time it should be used. He must keep himself informed as to the roads and highways in his county by looking over the work, and provide the trustees outline plans, with special attention to grading and drainage. He is expected to make maps and plans of roads and keep them on file at his office.

The highway commissioners determine what roads are to be dragged, and make arrangements for dragging the roads in their township. They have the power to bind the township to pay a reasonable amount for this work, not to exceed \$1 a mile for each time dragged where the width is not less than 16 feet, and \$1.50 a mile where the road is not less than 30 feet in width. Not more than \$15 can be spent on any one mile in any year.

The highway commissioners recommend to the county commissioners the tax levy for the township on or before August 1 annually, not to exceed 3 mills on the dollar on all the property in the township, and it is the duty of the county clerk to place this levy on the tax rolls. Not less than 75 per cent of this money must be used on the township roads in the township where paid, and as near as can be

done, on the roads near the property that pays the taxes. In townships where there is railroad or factory property valued at more than \$50,000, the taxes from this source are to be used for the benefit of the whole township. The township road fund is to be expended for the building of bridges, repairing roads and the purchase of necessary tools and machinery to carry on road work.

A tax of \$3 a year must be paid by all males between the ages of 21 and 50 years who have resided in the state 30 days, to the township trustee. This is commonly called the poll tax. If in an incorporated city it is to be paid to the proper officer of the city, and this must be used in road work in the township or city where collected. If this is not paid within 30 days after notice that it is due, a fine of \$5 may be imposed on the person failing to pay.

The township trustee of city officer may allow any one to "work out" his poll tax at the rate of \$1.50 a day for a single hand, and \$3 a day for man and team.

Each incorporated city of the second or third class is a separate road district. The authorities of such city have authority to appoint a road overseer and fix his term of office and his compensation, and must require him to give bond. A city may use the money from poll tax to pay for paving, grading or macadamizing streets and alleys, but must apply the funds first to the most public streets not macadamized or graded.

Eight hours is a day's work on all road work or public work in Kansas, and this must be taken into consideration in letting contracts, as there is a penalty attached to the violation of this law of from \$50 to \$1,000 fine and six months' jail sentence, or both. An exception may be made in case of emergency, or to protect life and property, but over-time must be paid in a case of this kind. Where the amount of wages is not definitely stated, it is the intention that the amount paid for labor in the neighborhood for day labor shall govern or what is commonly termed "going wages."

If labor is scarce now, it will not be more plentiful in another year, so it is wise to encourage present help.

See to it that all the neighbors turn out to the mid-summer club picnic.

### MISCHIEF MAKER

Now Strong and Robust.

An adult's food that can save a baby proves itself to be nourishing and easily digested and good for big and little folks. A Brooklyn man says:

"When our baby was about eleven months old he began to grow thin and pale. This was attributed to the heat and the fact that his teeth were coming, but, in reality, the poor little thing was starving, his mother's milk not being sufficient nourishment.

"One day after he had cried bitterly for an hour, I suggested that my wife try him on Grape-Nuts. She soaked two teaspoonfuls in half a cup of warm water for 5 or 6 minutes. Then poured off the liquid and to it added a like amount of rich milk and a little sugar. This baby ate ravenously.

"It was not many days before he forgot all about being nursed, and has since lived almost exclusively on Grape-Nuts. Today the boy is strong and robust, and as cute a mischief-maker as a thirteen months old baby is expected to be.

"Use this letter any way you wish, for my wife and I can never praise Grape Nuts enough after the brightness it has brought to our household."

Grape-Nuts is not made for a baby food, but experience with thousands of babies shows it to be among the best, if not entirely the best in use. Being a scientific preparation of Nature's grains, it is equally effective as a body and brain builder for grown-ups. "There's a Reason."

Name given by Postum Co., Battle Creek, Mich.

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

## "The Name Tells a True Story" SUPERIOR GRAIN DRILLS

"At Home in any Field anywhere in the world"

Superior Drills correctly sow all known seeds—smallest grasses to largest bush lima beans.

No matter where you live, or what your seeding conditions are, you can get a Superior Drill that will do your work in the best possible manner.

Superior Drills are noted the world over for strength, lightness of draft, simplicity, ease of operation, correct feeding of both grain and fertilizer, great clearance in trash, and the satisfaction they give the user. "Even sowing means even growing."

Superior Drills are made in every size from one horse up, in plain grain and combined grain and fertilizer styles—Single Disc, Double Disc, Hoe and Shoe.

**WARRANTY** Every Drill guaranteed to be and do all we claim. Castings replaced FREE, ANY TIME, if proven defective. Disc Bearings furnished FREE should they ever wear out.

Send for the Superior Catalogue, read it. Get posted. Then go to your local dealer and insist on seeing the Superior Grain Drill—"The Name Tells a True Story."

The American Seeding-Machine Co., Inc.  
Springfield, Ohio

Makers of Seeding Machinery for every purpose. Write us about your seeding problems and our Scientific Department will cheerfully answer your questions.



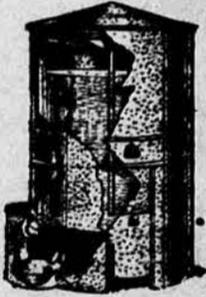
## O-K STOCK WATERERS WILL INCREASE YOUR PROFITS

They are time savers—labor savers and money makers for every stock raiser. By the use of an O-K you can provide plenty of clean sanitary water for your stock. Cool on the hottest days and warm in 40 degrees below zero weather. Pure water is more necessary to stock than feed. It will increase their weight 20% with less feed.

**GUARANTEED TO MAKE GOOD ALL OUR CLAIMS OR YOUR MONEY BACK**

O-K Stock Waterers are simple, practical and inexpensive. Easily filled, automatic feed. Are disease preventors. Last a lifetime. Pay for themselves in a short time. Worth their weight in gold to every stock raiser. If your dealer does not handle them, order direct. Shipped ready to use—freight prepaid. Catalog and full particulars sent free on request.

THE PHILLIP BERNARD CO., 2318 Floyd Ave., Sioux City, Iowa  
Don't Fail to See Our Exhibit at the Kansas State Fair



## SAVE HARNESS MONEY

Hundreds of amazing bargains! Write now for free copy of our new catalog, with life-like pictures of harness, saddles, bridles, blankets, bits, etc.

### Special Offer

Here's a dandy extra heavy copper riveted halter, 1 1/2 inch wide, sells for \$1.50 everywhere; our special offer \$1

—Prepaid—

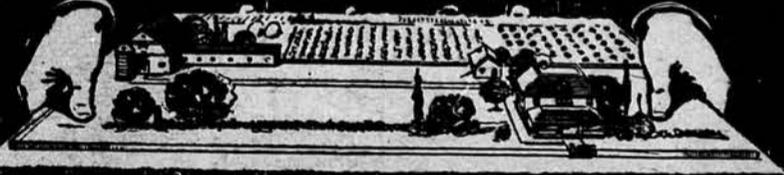
### We Prepay the Freight

Save you from 30 to 50 per cent, guarantee our goods for two years, refund on the minute if goods don't suit you. Send goods with privilege of examination. Get catalog TODAY—it's free for the asking—and see our wonderful direct-from-maker bargains.

H. & M. Harness Shop, Dept. K, St Joseph, Mo.



## Look Around Your Home Place



### There Are Certain Improvements You Want to Make

Make them this season and you'll save money for yourself. You'll never find a better time to buy lumber—your home dealer is stocked with particularly fine grades, and prices are more attractive than they have been in years.

There's a reason: The European war has cut off the exportation of millions of feet of American lumber that Europe used, and most of that lumber was of choice quality. Don't wait until the war is over, for Europe will demand every foot of America's surplus stock for rebuilding.

The dealer in your home town is supplied with

### SOUTHERN YELLOW PINE

"The Wood of Service"

Ask him about it. Here's what the United States Government, in Agricultural Department Bulletin No. 99 says about Southern Yellow Pine:

Heavy, hard, very strong; tough; grain fine, even, straight; durable in contact with the soil. It may be had in long pieces, free from serious defects, and possesses great strength and stiffness.

Doesn't that description fit the wood you want to use? And the price—ask your dealer, and you'll find that no other lumber of anything like the good quality can be bought for so little.

If we can help you with up-to-date house and barn plans, site advice, or other building information, FREE, fill out and mail TODAY the attached coupon.

Southern Pine Association  
New Orleans

SOUTHERN PINE ASSOCIATION

614 J Interstate Bank Building  
New Orleans, La.

Send me FREE Year

Barn and Bin Plans

Site Book

House Plans

Book of Lumber Tests

Name

Town

R. F. D.

State

# Simplex Straw Spreader



saves its cost in 3 days use. Saves three-fourths of the work of spreading straw and handles old stack bottoms or manure as well as new straw. Can be attached to any header-buggy or hay frame in a short time. Easy to put on or take off. Can't be broken. Works equally well on windy or calm days. Light draft.

## Special FREE TRIAL Offer!

To the first five men in every county who write for my proposition, I will send a Simplex Spreader on 80 days FREE TRIAL. Don't wait, but write at once, if you have straw to spread.

**Free Book** Hundreds of farmers in Kansas, Nebraska and Oklahoma have found that Simplex Spreaders increase their wheat crops 10 to 20% or more an acre. Write for our big 48-page, 3-color free Spreader Book today that tells you all about spreading straw.

**MANSON CAMPBELL COMPANY,**  
885 Traders' Building, Kansas City, Mo.

98 cents



5 YEAR GUARANTEE

## Railroad Style

To advertise our business, make new friends and introduce our catalogue of Wash basins we will send this elegant R. E. style wash by mail post paid for ONLY 98 CENTS. Gentlemen's size. Full sized silver plated brass, locomotive or dial, lever suspension, stem and stem nut, a perfect finish and fully guaranteed for 5 years. Send this advertisement to us with 25 Cts. in stamps and we will send you one. Satisfaction guaranteed or money refunded. Send 98 cents today. Address R. E. CHALMERS & CO., 538 So. Dearborn St., CHICAGO.



## Interlocking Design and Electric Welding CUTS COST TO YOU

No Holes, No Riveting, Easiest Bin to Erect

## Edwards Metal Granary

Special Delivered Prices: Write for full information.  
500 Bu. Enamelled..... \$89.99  
500 Bu. Galvanized..... 77.77  
1000 Bu. Enamelled..... 179.99  
1000 Bu. Galvanized..... 158.88  
4026 Mill St., Kansas City, Mo.

## 1c IS WORTH DOLLARS

when you invest that 1c in a postal card to us. Here are a few of the good things in it for YOU.

1 1/2 H-P.	\$24.75	1 H-P.	\$37.50
2 H-P.	28.75	2 H-P.	36.75
3 H-P.	33.50	3 H-P.	35.50
4 H-P.	38.50	4 H-P.	34.50
5 H-P.	43.50	5 H-P.	33.50

WE GUARANTEE AGAINST REPAIRS FOREVER.  
OTTAWA MFG. CO., 2012 King St., Ottawa, Kans.

## THIS BIG, 3 1/2 FOOT TELESCOPE FREE



This is a real telescope and not a worthless toy. It is made by one of the largest manufacturers in Europe. When closed, as shown in picture, the telescope is 12 inches long and has a circumference of 2 1/2 inches. When all 5 sections are pulled out the full length is over 3 1/2 feet. It is built of the best materials, brass bound throughout. We furnish with each telescope a solar eye piece for use in studying the sun and the solar eclipses. Eye piece can also be used as a magnifying glass to detect insects or germs in plants or vegetables.

### Powerful Lenses 5 to 10 Mile Range

The lenses in this telescope are carefully ground and correctly adjusted by experts. See objects miles away. Farmer said he could count the windows and tell the colors of a house 7 miles away and could study objects 10 miles away which were invisible to the naked eye. Absolute necessity for farmers and ranch men. They can keep their eyes on the cattle, horses or men when far distant.

**Our Offer!!** We will send one of these big telescopes free and prepaid to all who send \$1.00 to pay for one year's new or renewal subscription to Mail and Breeze and 25 cents extra for postage (\$1.25 in all). The Telescope is guaranteed to please you in every way or your money will be promptly refunded. Order at once. Address all letters to

**Mail and Breeze**  
Eighth and Jackson,  
TOPEKA, KANSAS.



## PROTECTION FOR YOUR HOGS

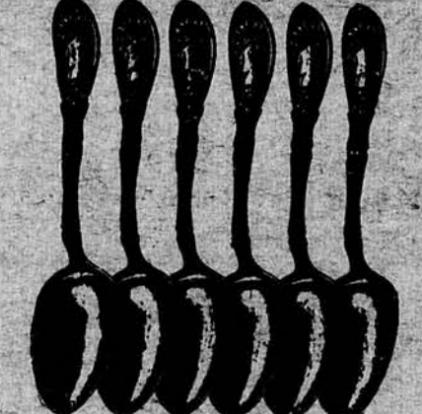
Keep them healthy. Kill the lice, etc. Write for instructive circular. Its FREE. National Factories, Inc., Dept. I-1, Richmond, Indiana

## FREE TRIAL

Use our FAMOUS KARNAK RAZOR for 30 days FREE; then pay us \$1.25, or return the razor. Send this ad. (no money) MORE CO., 306 More Bldg., St. Louis, Mo.

## SIX SILVER NARCISUS TEASPOONS FREE.

I have just consummated a most remarkable purchase whereby I secured at a ridiculously low figure 5,000 sets of beautiful Silver Plated Narcissus Spoons made by the famous Oxford Silver Plate Company. Each spoon is extra heavy, full



standard length, extra deep bowl and with beautifully embossed and engraved handles. I am going to give a set of these handsome spoons absolutely free, postage paid, to all who send just \$1.00 to pay for a year's subscription to my big farm weekly, The Farmers Mail and Breeze. Send your subscription order at once and secure a set of these beautiful and serviceable spoons. State whether you are new or old subscriber. Time will be extended one year if you are already paid in advance. Address Arthur Capper, Publisher Mail and Breeze, Topeka, Kan.

## More Livestock For Topeka

The unusually liberal premiums offered by the Kansas State Fair association together with the fact that the big fair at Topeka, September 13 to 17, is to be free, is resulting in bringing the highest class of livestock exhibits that has ever been entered at the fair. Another reason for the unusually fine line of livestock exhibits is the fact that there will be at least a trainload of stock on its way to the Panama-Pacific exposition at the Topeka fair. Exhibitors who are going to San Francisco are glad of a chance to stop enroute and give the stock a rest. As the California livestock show is 10 days after the Topeka fair these exhibitors find they can stop at Topeka for the fair and still have sufficient time to reach the exposition on the coast.

The leading livestock societies of America are offering special prizes at the Topeka fair. The Percheron Society of America has offered 30 medals to go to the champions in various classes. Wayne Dinsmore, secretary of the society in notifying the management of the decision of the society to hang up these special prizes, stated that the society was greatly interested in the Topeka free fair. The American Shorthorn Breeders association, through F. W. Harding, secretary, of Chicago, put up \$500 in prizes for that breed. The Aberdeen-Angus Breeders' association, through Charles Gray, secretary, of Chicago, appropriated \$100 for premiums at the Topeka fair.

The American Hereford Breeders' association, through R. J. Kinzer, secretary, of Kansas City, will give \$400 for Herefords in addition to the prizes offered by the fair association. The Brown Swiss Cattle Breeders' association, through Ira Inman, secretary of Beloit, Wis., has offered a special prize of \$20 to the grand champion bull. The Standard Poland-China Record association, with headquarters at Marysville, Mo., has offered ribbons, medals and silver trophies for the best in that breed, and the National Duroc-Jersey Record association, of Peoria, Ill., has offered two silver trophies. The American Shropshire Registry association has offered specials. The Farmers Mail and Breeze has offered \$5 in gold for the best pen of chicks hatched since January 1, 1915.

The horses and jacks which have been entered include:

- Percherons, William Branson, Overbrook, Kan.; Louis Miller & Sons, Alden, Kan.; W. J. Rhodes, Manhattan, Kan.; Fred Chandler, Charlton, Ia.; Longfelder Brothers, Mt. Vernon, Ill.; J. T. Schwalm, Baldwin, Kan.; L. A. Hampton & Sons, Dale, Okla.; D. F. McAllister, Topeka, Kan.; S. Miller, Okhiltcothe, Mo.; Phil Gallagher, West Jackson, Miss.; A. Corbet, West Jackson, Miss.; Lee Brothers, Harveyville, Kan.
- Clydesdale, F. L. Crosby, Mexico, Mo.
- Belgians, Leo Van Meldert, Cedar Bayou, Texas.
- Morgans, Brown Brothers, Halstead, Kan.
- Standard Breds, Thomas Reynolds, Topeka, Kan.
- Draft Horses—Watson-Woods Brothers & Kelly, Lincoln, Neb.
- Saddlers, Dr. W. E. Cheatham, Excelsior Springs, Mo.; E. E. Carver & Sons, Gullford, Mo.; E. S. Duverick, California, Mo.; W. M. Ridge, Shelbina, Mo.; R. G. Munday, Maryville, Mo.; John Bueeman, Chase, Kan.
- Ponies, George A. Heyl, Washington, Ill.; George B. Kenyon, Kansas City, Mo.; J. C. Scrubhar, Peoria, Ill.; Charles E. Bunn, Peoria, Ill.
- Jacks, Frank Barclay, Blairstown, Mo.; W. R. Creachof, Vincennes, Ind.; Charles J. Irvine, Marshall, Mo.; G. S. Lanson, Ravenwood, Mo.; M. E. Rolter & Sons, Circleville, Kan.; L. M. Monroes, Smithton, Mo.; C. D. Thompson, Brimson, Mo.; J. E. Thompson, Tecumseh, Kan.

## About the American Royal

The American Royal Livestock show this year will be held in Convention hall, Kansas City, Mo., October 4 to 9. The carlot division of the show will be held on the same dates at the Kansas City stock yards. No entry fee will be charged in the cattle department. The only charge to exhibitors will be for stall rent and for feed as ordered. Entries of breeding stock close September 1, of car lots October 4.

Entries must be made with the following, to whom application should be made for entry blanks: For Herefords, R. J. Kinzer, 1009 Baltimore Ave., Kansas City, Mo.; for Shorthorns, F. W. Harding, 817 Exchange Ave., Chicago, Ill.; for Aberdeen Angus, Charles Gray, 817 Exchange Ave., Chicago, Ill.; for Galloways, R. W. Brown, Carrollton, Mo.; for Range-bred Cattle, R. J. Kinzer, 1009 Baltimore Ave., Kansas City, Mo.; for Jerseys, B. C. Settles, Palmyra, Mo.

Auction sales will be held in Convention hall as follows: Aberdeen Angus, Tuesday, October 5; Galloways, Wednes-

day, October 6; Shorthorns, Thursday, October 7; Herefords, Friday, October 8. Sales will begin promptly at 9 a. m. The show buildings will be in readiness to receive exhibits three days in advance of the opening of the show. All exhibits should be billed to the owner, care American Royal Livestock show, Kansas City, Mo.

There will be a poultry show held in Convention hall coincident with the American Royal Livestock show. All communications regarding the poultry show should be addressed to Thomas W. Southard, 7 West Thirteenth St., Kansas City, Mo.

The officers of the Royal are: E. F. Caldwell, Burlington Junction Mo., president; Robt. H. Hazlett, Eldorado, Kan., vice president; H. C. Duncan, Osborn, Mo., treasurer; R. J. Kinzer, 1009 Baltimore Ave., Kansas City, Mo., secretary; and John M. Hazelton, Kansas City, Mo., assistant secretary.

## Livestock at the Exposition

Nearly half a million dollars has been provided for the livestock shows that will be held at the Panama-Pacific International exposition at San Francisco. The exposition has appropriated \$175,000 for cash prizes at the shows and

It is no secret that for years political rings have robbed the people of Jackson county, Missouri, and Wyandotte county, Kansas, in which are the two Kansas Cities. In Jackson county a half million deficit has just led to a scanning of county expenditures. It is found that Jackson county pays two and a half times as much in executive salaries as is paid by the State of Missouri, that it has 38 road overseers, or more than are employed by two adjoining counties, that it is spending \$535,000 a year for 472 deputies. The sheriff has 65 deputies, the treasurer 29 and every deputy surveyor has a motor car and a private chauffeur. This is an excellent demonstration of a wasteful public service under spoilsman politics.

\$15,000 for a special horse show, 45 banded record associations have contributed \$100,327 for special premiums and the exposition commissions of various states have set aside \$150,230 for livestock participation, the aggregate being \$440,557. The Kansas commission has given \$6,000 for livestock from the state.

Here is the schedule of the shows: Horses, mules and asses: Sept. 30-Oct. 13. Cattle, beef and dairy: Oct. 13-Nov. 1. Sheep, goats and swine: Nov. 3-Nov. 15. Car lots of livestock: Nov. 13-Nov. 14. Poultry and pigeons: Nov. 18-Nov. 28. Dogs, cats and pet stock: Nov. 29-Dec. 1. Children's pets: Dec. 1-Dec. 3.

## Contagious Abortion

I have a cow that has lost two calves at about 7 months. Is there anything that can be done for her? She gives milk the same as after going her full time. A. C. S. Fowler, Kan.

It appears to me that your cow is affected with contagious abortion. This condition is very difficult to contend with. However, it may be controlled by proper sanitary measures such as thorough disinfection and cleaning up, and the internal use of carbolic acid and methylene blue have been recommended. As a general rule animals affected with this condition abort for two or three successive times after which they no longer abort, though they are still capable of transmitting the disease to other animals. Dr. R. R. Dykstra, Kansas Experiment Station.

## Treatment For Wheat Smut

How should seed wheat be treated to protect it from smut? E. C. King, Richfield, Kan.

Treatment for stinking smut in wheat consists in the use of a solution of formaldehyde. Use 1 pound of this material of a 40 per cent strength to 40 gallons of water. Either dip or spray the grain to be treated, and be sure that it all is wet. The grain should be covered with blankets or a canvas for several hours to hold the gas, and it should then be spread out to dry. This seed usually is treated one day and sowed the next, and when this is the case it is necessary to use about one-fifth more seed, as it will swell some.

## Do Your Own Mending

WITH A SET OF THE "ALWAYS READY" COBBLER'S TOOLS

This handy shoe repair outfit was made especially for home use. With the aid of these tools you can easily do any kind of shoe repairs at a great saving of time and expense. The outfit comes securely packed in a box and consists of the following: Iron stand for lasts; one each 9 in., 7 1/2 inch, 5 1/2 inch lasts; shoe hammer; shoe knife; peg awl; sewing awl; staking awl; one package of heel nails; one package of clinch nails; and full directions. A most complete and serviceable outfit which will always give satisfaction.

**OUR OFFER:** This cobbler's outfit may be had free all mailing charges prepaid by sending a one-year subscription to Mail and Breeze at \$1.00 and 25 cents to help pay packing and mailing charges—\$1.25 in all. Either new or renewal subscriptions will be accepted. Send in your subscription and remittance at once to

**FARMERS-MAIL AND BREEZE**  
Dept. C. O. 10. Topeka, Kansas.

Plant the Wheat Late

Late planting is essential in the control of the Hessian fly. It is necessary if we are to avoid damage from this insect that the crop should be sown with a regard for the fly free date. It also is best that it should be planted on well prepared soil, so the crop can make a prompt start and get well established by winter.

The adult Hessian flies, according to George A. Dean, professor of entomology in the Kansas State Agricultural college, begin to appear about the middle of September. From this time forward, the members of the main fall brood continue to appear until the middle of October. However, the members of a supplementary brood may continue the emergence for 15 to 20 days longer.

Unless prevented by the absence of suitable plants or by unfavorable climatic conditions, the female begins to deposit her eggs soon after emerging from

buy seed wheat from some other Grange. I think that there is a great opportunity in developing co-operative buying and selling direct without paying several commissions.

J. T. King, Secretary, Lebo, Kan. Prairie Queen Grange.

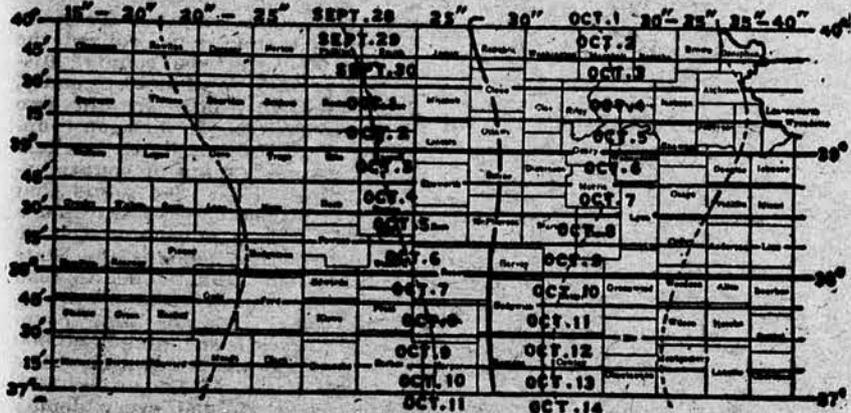
The Grange Helps the Children

Equity Grange, No. 1411, of Kincaid, Kan., sets apart one day every year to be observed as Children's day. This year it was decided to hold a picnic, in connection with the regular program, in a park near Lone Elm. In addition to the country people the merchants of the town also attended, so it did much to encourage a spirit of harmony between the town and the country.

Mrs. Nina Logan, Kincaid, Kan.

Movable Schools For Kansas

A college course in agriculture and home economics, not only for the boys and girls but for the men and women who are engaged in the actual work of managing the farms and homes of Kansas, is the new line of work which will be conducted by the extension division in the Kansas State Agricultural col-



This Map Gives the Fly Free Dates in Kansas; They Were Determined by Experimental Planting by the Kansas State Agricultural College.

the ground. The young develop on wheat, rye, barley and certain wild grasses. One female, it is said, may lay from 100 to 200 eggs. The eggs are somewhat oval and of a slightly reddish color. The larva at first is also of the same color. Later this color disappears and the larva or maggot becomes white and works its way below the surface of the ground. Here it passes into the flaxseed form and remains until it reaches maturity. In this stage most of the flies pass the winter. During the latter part of March the flies begin to emerge from the ground in greater and greater numbers until early in April, when they reach their maximum production.

An effective remedy is to sow wheat as late in the fall as possible so as to escape the heavy swarm of flies. If the wheat is not up when the flies appear they die without a place to lay their eggs and the crop escapes injury. The best time for sowing wheat in order to avoid damage from the Hessian fly in the greater portion of Kansas is from October 1 to 14. This time varies in different parts of the state. The exact planting date for any section can be obtained at a glance by consulting the accompanying map which gives the fly-free dates for sowing.

The Grange Movement Is Growing

The farmers of Coffey county are getting a great deal of benefit from the Grange. There are four Granges with a membership of about 500 farmers in this county, and we have organized to buy supplies in a co-operative way. Each Grange elects three delegates and gives them power to transact the co-operative business. In the last nine months we have purchased seven cars of supplies in this way. We expect a car of peaches to arrive in a day or two, and later we expect to buy carloads of potatoes and apples.

The effort has been so successful that we expect to hold a union meeting soon to discuss a closer organization for buying and selling. Especially do we wish to encourage direct selling between Granges in this community and in other sections. For example we would like to

lege this fall. This college course will be taught by a movable college which will go from place to place in the state, upon petition from the people of the community. It will be known as an extension school. From November 1 to March 1, the season set apart for this work, the schedule is almost complete.

The instructional work in this movable college consists of six lectures each day for five days. The movable college opens Monday morning and closes Friday evening. For the men three courses of ten lectures each are given. All of the different phases of agriculture such as crops, soils, livestock, dairying and farm architecture will be treated.

The home economics work for the women will consist of lectures and demonstrations of meats, breads, vegetables, menu making, table setting and serving, besides a course in sewing, color and design, the alteration of patterns, and pattern drafting.

A Census of the Farmers

Of the total population in continental United States (excluding Alaska and other noncontiguous territory) the last federal census shows that of those engaged in gainful occupations, 12,567,925 persons, 10 years of age and over, are engaged in agriculture. This is approximately one-third of the total number engaged in gainful occupations. The number engaged in agricultural pursuits is classified as follows:

Table with 2 columns: Occupation and Number. Includes Agricultural laborers (6,088,414), Dairymen and dairywomen (35,014), Farmers, planters, and overseers (5,981,522), etc.

County Agents Are Winning

Both the Leavenworth and Harvey county farm bureaus have re-organized with a membership of more than 250 farmers, and the commissioners in both cases have granted an appropriation of \$1,200. The main effort in re-organization in these counties will now be to effect a strong township organization.

THE FREE MASON SIGNALS THE GOOD JUDGE



THE users of the Real Tobacco Chew would buy it if it cost twice the money, and it would cost less to chew it even then.

It is real tobacco and gives you the real tobacco taste that men find so satisfying. Get a pouch from your dealer.

A little chew of pure, rich, mellow tobacco—seasoned and sweetened just enough—cuts out so much of the grinding and spitting.



THE REAL TOBACCO CHEW IS NOW CUT TWO WAYS!! W-B CUT IS LONG SHRED. RIGHT-CUT IS SHORT SHRED.

Take less than one-quarter the old size chew. It will be more satisfying than a mouthful of ordinary tobacco. Just take a nibble of it until you find the strength chew that suits you, then see how easily and evenly the real tobacco taste comes, how it satisfies, how much less you have to spit, how few chews you take to be tobacco satisfied. That's why it is The Real Tobacco Chew. That's why it costs less in the end.

The taste of pure, rich tobacco does not need to be covered up. An excess of licorice and sweetening makes you spit too much.

One small chew takes the place of two big chews of the old kind.

Notice how the salt brings out the rich tobacco taste.

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

BUY FROM DEALER OR SEND 10¢ STAMPS TO US

Advertisement for a portable engine. Features include 'DEPENDABLE PORTABLE POWER', 'SAVE \$150 TO \$300', and 'Designed and built for long, hard, steady service'. Includes an illustration of the engine and a list of applications like Stone Crushers, Small Flour Mills, etc.

Advertisement for Columbian Metal Granaries. Text includes 'Columbian Metal Granaries For Corn, Wheat, Oats, Barley, Kaffir, Rice, Rye, Etc.' and 'The Columbian Combination Grain Bin affords storage facilities for all kinds of grain'. Includes an illustration of a granary and a list of prices for different sizes.

Advertisement for Bethany College and St. Joseph Business University. Bethany College is described as 'Special advantages in Music, Art, Expression, Piano Tuning and College Course leading to A. B. degree'. St. Joseph Business University is described as 'Oldest—Largest—Best. Thousands of successful graduates holding lucrative positions. Let us help you to Learn More, hence Earn More.' Includes contact information for both institutions.

# Winning Prizes at the Fair

Some of the Things That Are Necessary to Success

BY MARY CATHERINE WILLIAMS

IT ISN'T mere luck when one woman wins a prize on her cake or plum preserves at the county fair and her next door neighbor fails to get even honorable mention, and it isn't because the judges were prejudiced, either. In most instances the point that swings the balance to the winning side is something entirely within the control of



the exhibitor, had she only realized the fact in time.

Every woman who expects to exhibit samples of her skill at the fair should provide herself with a premium list as long before the date of the fair as it may be available, and should study it carefully. It may happen that jelly, for instance, is thrown out of the judging entirely because it was not labeled properly or put up in the kind of jar or bottle demanded by the fair association. Widemouthed jars of a good quality glass should be used for canned fruits and vegetables. Use pint jars for small fruits and vegetables or for large ones cut into pieces, and quart jars for large fruits and vegetables. Jelly should be exhibited in the regulation half pint jelly glasses which come with small metal lids. The label should be written or printed plainly and neatly in ink and pasted on the jars. See that all labels are pasted in the same relative position, so they will form a straight line across your jars when they are set in a row for exhibit. Jars and glasses should be dry and clean, with no trace of stickiness.

If you can obtain a copy of the score cards which will be used in judging your displays, it will help you greatly when you go to prepare them. Here is such a score card used last year at the Kansas State Fair at Topeka:

	Canned Fruit	Canned Vegetables
Quality	25	30
Taste	15	10
Flavor	10	10
Appearance	10	10
Uniformity	10	10
Shape	5	5
Size	5	5
Color	5	5
Arrangement	5	5
Package	15	15
Protection	5	5
Condition	5	5

Other score cards make a distinction between fruit and juice, allowing points for the clearness and consistency of the juice and its proportion to fruit. It is surprising what artistic and really beautiful results can be obtained by care in selecting fruits or vegetables of uniform size and appearance. At the State Fair in Topeka last year much admiration was attracted by a jar of gooseberries which were matched as perfectly in shape and color as a string of pearls. For jelly the points that count are consistency—firm enough to hold its shape yet tender and quivery and free from sugar crystals; tartness, flavor, clearness and color; as well as the condition of the glass.

Plain cakes with simple white or chocolate frosting are much more likely to be prize winners than are cakes with alternate layers colored a deep pink or darkened with chocolate or spice. The striped effect detracts from the artistic appearance. Frostings with candies or deeply colored designs are likely to score a cake down also. Much of the tender, feathery lightness which comes under the head of texture in the score card depends upon the baking. Expert cake bakers these days put the batter into ovens so cold it is just possible for your hand to feel there is heat started. The flame is kept low till the cake has risen to the top of the pan and then turned up enough to brown the top and sides. Of course it is not possible to regulate the oven in this way unless you use a gas or oil stove.

Bread should be baked in individual loaves in pans 9 inches long, 4 inches wide and 3 1/2 inches deep. The coloring should be an even golden brown, free

from white specks, caused by flour being imperfectly mixed in with the dough. Quality is judged by cutting as thin a slice as possible and holding it up against the light. The crumb should have a delicate, feathery appearance, and the bubbles should be vertical in the slice instead of horizontal. Pies should be flaky and crisp but not greasy. If pastry flour

is used it is much easier to have flaky crusts, and less shortening is required. A good substitute for pastry flour, which is rather expensive, is made by replacing 2 level tablespoons of bread flour to every cup with 2 level tablespoons of corn starch. In fruit pies soggyness in the under crust may be avoided by brushing the crust with egg white before adding the filling, and mixing several tablespoons of flour with the sugar for sweetening. Be careful not to make the juice too thick.

Score cards for bread and cake are given together for convenience.

	Bread	Cake
Outside Color		
Shade	4	2
Evenness	3	3
Surface	6	
Icing		12
Shape	7	4
Inside		
Thoroughness of baking	20	20
Appearance of crumb		
Texture		
Tenderness	7	7
Quality	8	7
Lightness	3	2
Fineness	4	3
Evenness	3	2
Color	5	2
Taste		
Sweetness	25	25
Flavor	15	15
Total	100	100

Designs in fancy work should be simple and suited to the purpose the article is meant to serve. A sofa pillow seen at one fair was so covered with gaudy pink flowers and harsh green stems and leaves there was no place on which one could rest his head, and as if this were not bad enough, the maker had embroidered in sprawly letters mixed in with the flowers, "What are the wild roses saying?" Wild roses never have been known to talk, but if these had the power of speech their message probably would have been, "There's no prize ribbon for me." Many articles of colored embroidery fail to take prizes because the colors are gaudy and poorly harmonized. A score card for art needle work, covering these points is suggested by the extension department of the Colorado Agricultural college.

Design	40 points
Appropriateness	(20)
Simplicity	(10)
Harmony in line	(10)
Harmony in color	(10)
Workmanship	60 points
Appropriateness	(20)
Evenness in stitch	(20)
Neatness	(20)
Total	100 points

The color of the paper on which pieces of needlework are mounted has much to do with the effectiveness of their appearance. Harsh, unlovely hues, such as orange, brick red or electric blue will make even the most beautiful crocheting or tatting appear commonplace and unattractive. Mount your work on paper of a delicate blush pink or a pale yellow or blue if you wish it to look its best.

## Where a Woman's Heart Is—

"I have determined that my girls, I have but six, shall be given the advantages I failed to get," wrote a many-years reader of the Farmers Mail and Breeze a few days ago to the Home Department editor. "But," she continued, "I have found the way very hard, for it has been necessary to send them away from home to school, and it takes many dollars to keep girls in a town school. My second daughter, 20 years old, graduated from the Northeastern State normal at Tahlequah, Okla., in May.

She did six years' work in five years and I, as well as she, feel proud of her work, especially since she weighs only 96 pounds and has been a weakling from babyhood. With her education I hope she will be able to help me some toward keeping the younger ones in school. She will begin teaching in August.

"If you could 'peep in' today you would see one of the busiest women in Oklahoma, working in the garden, the field, caring for chickens, pigs and cows and other things too numerous to mention. The children and I have just finished canning and pickling 90 jars of wild blackberries, all half-gallon jars but two. We don't mind the work, but the walk is the worst, as we had to go nearly two miles from home to gather them. Next we will put up peaches, tomatoes and pickles. We put up more than 400 jars of fruit and vegetables last year, but sold some at 25 cents a jar."

Now! You readers of Farmers Mail and Breeze, do you know of anything braver than that?

Save every bit of meat; it can be used in a meat pie, stewed and served on toast, chopped for stuffing peppers, or it may be combined with a little celery for salad.

## HOME DRESSMAKING

These patterns may be had at 10 cents each from the Farmers Mail and Breeze.

The little dress 6996 is for girls 4, 6, 8, 10 and 12 years.  
Middy blouse 7309 is in six sizes, for women 34 to 44 inches bust measure. The blouse slips over the head.



Skirt 7319 has inserted side-pleated sections. Six sizes, 22 to 32 inches waist measure.

Apron 7320 is in sizes 36, 40, and 44 inches bust measure.

Dress 7326 is for girls 6, 8, 10, 12 and 14 years.

### USE THIS COUPON FOR PATTERN ORDERS.

The Farmers Mail and Breeze, Pattern Department, Topeka, Kan.

Dear Sir—Enclosed find.....cents, for which send me the following patterns:

Pattern No..... Size.....  
Pattern No..... Size.....  
Pattern No..... Size.....

Name .....

Postoffice .....

State .....

R. F. D. or St. No.....  
**BE SURE TO GIVE NUMBER AND SIZE.**

## How Much Are You Earning?

In a few months you can secure a practical business training and be in a good position with a good salary. Get out in a place that will develop your ability, and be a stopping stone to prosperity. Our Big Free Catalog tells you how. It explains about courses and expenses of the

**Kansas Wesleyan Business College**  
The largest business college west of the Mississippi, with 1,000 students. Twenty—supplying 60 per cent of the bookkeepers, clerks, and stenographers in Central and Western Kansas banks, with special equipment worth \$60,000, with graduates in good positions in almost every city in the Western half of the United States, with a great demand for its graduates than it can supply—with lower tuition and board expenses than any other reliable school, a school that guarantees practical and school of strong Christian influence. Write at once to L. L. Tucker, Pres., Salina, Kan.

## Music College

**MORE THAN 400 MUSIC STUDENTS ENROLLED THE PAST YEAR.**  
We have well-equipped buildings in the heart of Wichita. Concert Hall, pipe organ, grand pianos, etc. 4-story boarding apartment house. Complete course in Piano, Violin, Voice, Organ, Expression, Public School Music Chorus, Students Orchestra. A faculty of expert teachers. Tuition reasonable. **FALL TERM OPENS SEPT. 1.** Write for our Free Catalog.  
**The Wichita College of Music**  
Main Building at No. 218 N. Lawrence, WICHITA, KANSAS. Theodore Lindberg, Pres.

## WANTED MEN

**\$75 to \$200 a month!**  
The demand for capable automobile men exceeds the supply. Our graduates are always in demand to fill good positions as Salesmen, Demonstrators, Factory Testers, Garage Managers, Repair Men, Ignition Experts and Drivers.  
**\$50 COURSE FREE**  
Six weeks from the day you enter this great school you will be able to repair any make of automobile or drive any car on the road. All work done on your own car. Receive 40 hours in Lighting and Tractor Engineering Free. Write today for our Big Free Book and the \$50.00 Free Automobile Certificate.  
**AUTOMOBILE TRAINING SCHOOL**  
Largest Auto School in the World  
1142 Locust St., Kansas City, Mo.

## Business College

**CHOOSE A SCHOOL OF REPUTATION**  
Recognized as one of the greatest shorthand schools in United States. Splendidly equipped quarters in reduced surroundings. More experienced teachers in proportion to students than other schools; gives you thorough all-around training for high grade, best paying positions. Kansas City is one of the fastest growing, most prosperous cities of United States. It has excellent training for you in large concerns that pay highest salaries and give best chance for promotion. Our graduates are in demand in all branches of business. Every graduate is employed. Shorthand, Civil Service, Telegraphy, Stenography, Bookkeeping, Banking and Trusting, and all other business systems. Write for our Free Catalog to C. T. SMITH, Principal  
V. W. C. A. Bldg., 1020 Hobbes Street, Kansas City, Missouri

## Spalding's COLLEGE

10th & Oak Sts., KANSAS CITY, MO.  
10th YEAR. Our \$100,000 College Building has 15 Rooms including Auditorium and FREE GYMNASIUM. 25 Experienced Teachers and Lecturers. Shorthand, Typewriting, Book-keeping, Telegraphy and English Branches. Day and Night Schools all Year. Good POSITIONS Secured. Write for Free Catalogue "B".  
J. F. Spalding, A. M., Pres.

## Emporia Business College

"The School That Gets Results."  
Clean moral surroundings. Everything modern. Pleasant rooms. Living expenses low. May enroll for a trial month. No solicitors. Free catalog.  
C. D. LONG, EMPORIA, KAN., BOX M.

## Strickler's Needs Young Men and Women

For good positions. A good position for every graduate. We furnish employment for students to pay expenses while attending school. Send for new catalog today.  
125 EAST 8TH, TOPEKA, KANSAS

## EARN FROM \$55 to \$175 A MONTH

Learn Telegraphy in the best equipped COM. SCHOOL in the West. 2000 hours of instruction. 2000 hours of the UNION PACIFIC and K. C. & N. W. RAILROADS in school room. 21 students employed in Kansas City, also Western Union and Postal Telegraph Companies employ our students. Write for Catalog A. Armstrong Telegraph & Railroad School, 915 Walnut St., Kansas City, Mo.

## Finlay Engineering College

Tenth and Indiana, Kansas City, Mo. One and two-year courses in engineering. Also special short courses in Electrical, Automobile and Traction Engineering. Actual shop work and class work combined. Day and night sessions. Call now and investigate, or write for Catalog H.

# A Kansan at the Exposition

## California Offers Years of Travel Crowded Into Weeks

BY STELLA NASH  
The Farmers Mail and Breeze



Kansas Building at San Francisco. All the Buildings Are Planned With Relation to Each Other, and the Result Is a Harmonious Whole.

I FIRST went to the San Francisco Exposition grounds about 7 o'clock in the evening, and engaged an electric wheel chair so I might cover the whole area that evening and get a general idea of the Exposition and the location of the different buildings. The Exposition fronts San Francisco Bay, just inside the Golden Gate; and across the bay I could see the hills of Marin county and Mount Tamalpais.

It was a beautiful picture that I saw as I rode along by the water. As I went on I was impressed with the exquisite coloring of the buildings. The soft shades of red, blue, green, and pink seemed to harmonize perfectly with the beautiful surroundings. Also I noticed that most of the buildings were decorated with mural paintings, painted by famous mural artists of America and England. The sculpture is very fine. There are more than 250 distinct groups, and hundreds of individual pieces of statuary on the grounds.

Like all of California's flowers, those at the Exposition are very beautiful. There are several huge beds of pansies, each of which contains flowers of just one color. There are climbing geraniums everywhere, some of them reaching almost to the top of the palm trees; and the dahlias, chrysanthemums, gladioli, begonias, daffodils, narcissus, and tulips are gorgeous.

Before I had completed my trip that evening it was growing dark, but soon the darkness was transformed by the illumination of the millions of lights that make up the wonderful system of lighting used by the Exposition. As I drew near the Court of the Universe I saw the great 435-foot Tower of Jewels. This tower is hung with 125,000 crystal jewels in all colors of the rainbow, and when the colored lights from the great scintillator are turned on it sparkles like a huge diamond. To finish the evening I went to the Zone, or amusement section, and found it similar in most particulars to other places of its kind.

The next morning I began my trip through the buildings, and started with the Palace of Varied Industries. A revolving cyclorama showing the growth of the United States navy from the days of the Bon Homme Richard, 1778, to the latest superdreadnought California,

1915, was the first thing that drew my attention. I saw many fine exhibits of lace, tapestry, jewelry, leather work, silks, and other things from European and Asiatic countries as well as similar exhibits from different sections of the United States. I also saw how envelopes, brooms, cigars, and other things are made. The Singer Sewing Machine company has an exhibit of several remarkable reproductions of paintings that were made on Singer sewing machines. No special attachments were used on the machines, and no painting or hand work was done on the pictures.

In the Palace of Mines I saw a Colorado gold mine in operation, showing the complete surface and underground workings of a mine. This was very interesting and instructive.

I passed quickly through the Palaces of Machinery, Transportation, Liberal Arts, and Education and Social Economy, because my time was limited, but each building contains exhibits that are well worth studying. The Palace of Manufacturers was especially interesting. One of the exhibits is the "Home Electrical." It is a modern home with the latest devices for illumination, heating, and other electrically operated conveniences that pertain to a modern home, each in its proper place in the home. As I was walking along I saw what I thought were some beautiful paintings, but when I got closer I saw they were embroidered pictures made by Japanese women. There were also large embroidered screens. One screen on which a water scene was embroidered was worth \$1,200. More than 100 shades of thread were used in one square foot of this screen. Japan also has an exhibit of Cloisonne vases which are valued at \$100 to \$2,000 each. These vases are not valued so highly because the material of which they are made is expensive, but because they require much time and care in the making. I saw a Damascene jewelry cabinet in the shape of a Buddhist pagoda which took three artists 35 months to make. It is made of 24-karat gold inlaid on steel, and is worth \$6,000. Florence, Italy, has a very fine exhibit of statuary showing the work of celebrated sculptors. Besides the exhibits many articles of everyday necessity are actually being manufactured in this building.

The architecture of the foreign buildings is typical of the countries they represent. In the Japanese building I saw a good illustration of the process of silk-making, showing the hatching of the eggs of the silk worm, feeding the worms with mulberry leaves, and the reeling of the silk. There is music on the grounds at almost all hours of the day, and three nights in the week there is an excellent fireworks display.

The Palace of Agriculture contains the agricultural products of the various countries and states. The Kansas exhibit was very good; in fact, Kansas received the gold medal for the finest agricultural exhibit. It is an archway made of different varieties of kafir, corn, and feterita, and decorated with wheat and other grains and grasses. Apples and other Kansas fruits also are on display.

In the Food Products building all of the natural products of the farm reduced to edible form are to be found. In one place I saw cereals reduced to flour and meal, and the flour and meal baked into the prepared foods of 10 nations by bakers representing these 10 nations. The United States government also has an excellent exhibit in this building of all kinds of fish found in the United States.

The Palace of Horticulture contains a display of the choicest offerings of fruits, flowers, and palms from many nations. I saw a model cannery which shows how the fruit is handled from the time it is gathered until it is boxed as canned fruit ready to ship. There also are interesting exhibits illustrating the improvement of variety through seed selection.

I enjoyed the exhibit of paintings and statuary in the Palace of Fine Arts immensely, and should like to have been able to spend much more time there. I went through the state buildings rather hurriedly, as nearly all of them are merely reception and rest rooms. Not many of them contain exhibits, as each state has an exhibit in the main buildings. I was, however, interested in a room in the Illinois building which is a memorial to Abraham Lincoln. In it are many pictures of Lincoln taken from his boyhood days until the time of his death, many of which were new to me. There also are several relics of historic connection, among them a dress which Mrs. Lincoln wore at the White House. The Virginia building is a reproduction of George Washington's home at Mount Vernon, and the rooms are furnished with colonial furniture, some of which belonged to George Washington. The Kansas building is merely for reception and rest.

The architecture of the foreign buildings is typical of the countries they represent. In the Japanese building I saw a good illustration of the process of silk-making, showing the hatching of the eggs of the silk worm, feeding the worms with mulberry leaves, and the reeling of the silk.

There is music on the grounds at almost all hours of the day, and three nights in the week there is an excellent fireworks display.

### Mango Pickles From Muskmelon

[Prize Recipe.]

Peel the muskmelon, cut in two pieces, and put in salt water over night. In the morning drain, then prepare your filling. For one dozen small melons take 1 small cabbage, 1 dozen small cucumbers, 1 tablespoon salt, 1 teaspoon each of pepper, allspice, cloves and mustard, 2 small red peppers, 1 teacup sugar, 1 pint vinegar. Grind cabbage, cucumbers and red pepper up together. Heat the vinegar, sugar, salt and spices to the boiling point and turn it over the filling. Then wipe the melons dry, fill, tie the two halves of the melon together with twine, pack in a jar and put vinegar boiling hot over them. Turn a plate over them to keep them covered, tie paper over all and put in a cool place.

Mrs. D. S. Vaughn.

Coffeyville, Kan.

### Dish Cloth Need Not Be Gray

[Prize Suggestion.]

No other article in kitchen use is so likely to be neglected and abused as the dish cloths and dish towels. When washing these, spots will disappear quickly if they are allowed to soak an hour or two before washing in water to which a little ammonia has been added. Then put a teaspoonful of ammonia in the water in which these towels are to be rubbed, and put soap on them. Let stand again half an hour, then rub them out thoroughly. Rinse, and dry in the sun. Ammonia of common strength is the cheapest bleaching preparation that can be bought.

Herington, Kan.

Anna Sloan.

To many a school ma'am life is just one proposal after another.

## Repair Your Own Tires and Inner Tubes

Anywhere—  
Anytime—  
In 15 minutes—  
Cost a few cents—  
Saves 90% of tire trouble



### ADAMSON Vulcanizers

do a quick, thorough and lasting job of VULCANIZING—not merely patching. Mend punctured tubes; repair tread cuts and minor blow-outs; cure small injuries before they become big ones, and stop moisture from getting in and rotting the fabric. Get thousands more miles from your tires.

Over a Million in Use

Use measured quantity of gasoline—no risk of either burning or under-curing. No steam or electricity—no watching—it's automatic. Guaranteed satisfactory or money refunded.

THE ADAMSON MFG. CO.,

Dept. B,

EAST PALESTINE, OHIO

\$3

This complete outfit at your dealers or prepaid from us. Send for catalogue on complete line.



## Get This FREE

5-Pass. 28 H. P.

Magnificent

BUSH

MotorCar

And the Agency for Your Territory

Get a Car Free and qualify to make \$3000 to \$5000 a year and up in the Automobile Business. A Postcard brings full details of this great Free Auto Offer. Write quick—before your territory is taken. Address me like this—J. H. Bush, President.

BUSH MOTOR COLLEGE, Inc.

DEPT. 827, - BUSH BUILDING

North Clark Street and Chicago Avenue, Chicago, Ill.

## MEN WANTED

LEARN TO DRIVE AND REPAIR AUTOMOBILES AND TRACTORS

Big demand for trained men, Earn from \$75 to \$150 per month. Learn in 6 weeks by the

SWEENEY SYSTEM

of practical experience. You do the real work in machine shop, factory and on the road. No books used. Tools free.

FREE Big 64 page catalogue with views of men at work in largest and best equipped auto school in world. Send name today. Address

SWEENEY AUTO SCHOOL

1170 East

15th Street,

Kansas City,

Missouri.

## LEARN TELEGRAPHY

Students earn board while learning.

A practical school with railroad

wires. Owned and operated by A. T. &

S.F.R.Y. EARN FROM \$55 to \$105 PER

MONTH. Write for catalogue.

Santa Fe Telegraph School,

Dept. 6, 606 Kansas Ave., Topeka, Kan.

## Rider AGENTS Wanted

In each town to ride and show a new 1915 model

"HAWKER" bicycle. Write for our liberal terms on

a sample to introduce.

DELIVERED FREE on approval and 90 days'

trial. Send for big free catalog and particulars

of most marvelous offer ever made on a bicycle.

You will be astonished at our low prices and

reasonable terms.

FACTORY CLEARING SALE - a limited

number of old models of various makes, \$7 to \$12.

A few good second-hand wheels, taken in trade

by our Chicago retail store, \$5 to \$8. If you

want a bargain write at once.

Tires, lamps, wheels, sundries, parts, motor-

cycle supplies of all kinds at half usual prices. Do not buy

until you get our catalog and offers. Write now.

MEAD CYCLE CO., DEPT. S-177 CHICAGO

## LUMBER At Wholesale Prices, Direct to You.

If you, or you and your neighbor together can use a car-load

of lumber, why not buy it at wholesale prices? Send

us your itemized bill for figures. Good grades

—prompt service—and a big saving in cost.

Lowest prices on Bols' Auto posts.

Write today.

McKEE LUMBER COMPANY

Box 5001, Salina, Kansas

## Lumber Prices Smashed! Now is the Time to Buy

Prices lower than ever. Our facilities for prompt

shipment unexcelled. Our customers all satisfied. We

never disappoint. Quality and satisfaction guaran-

teed. Send us your list for estimate at once and

get your lumber at lowest prices. We quote freight

paid to your station. No payment asked until you

receive material.

Local Lumber Co., Tacoma, Wash.

1915 MODEL 22 Cal. HUNTING RIFLE Free

A REAL GUN. Take-Down

pattern, with latest improve-

ments, walnut stock and grip. Shoots

accurately 22 long or short cartridges. Handsome

and durable. SEND NO MONEY only your name and address

for my easy plan of securing this fine rifle Absolutely Free-ex-

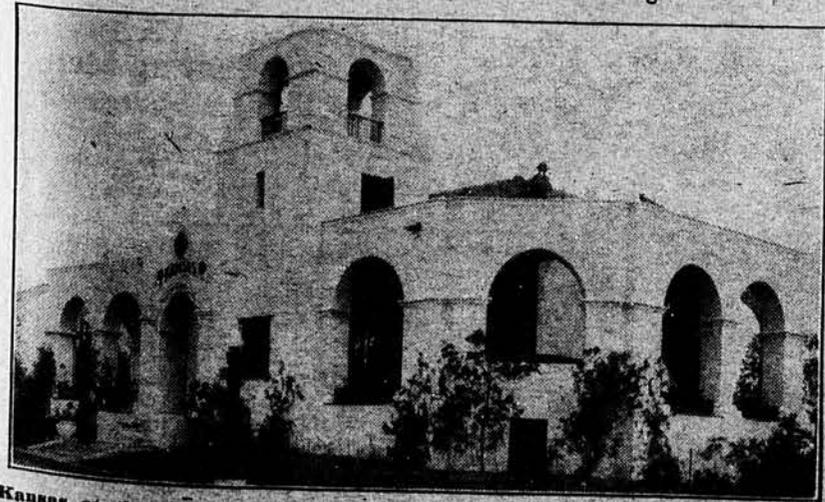
press prepaid. Write today. D. W. BEACHE, Box 22, Spencer, Ind.

\$250 for Reliable Man or Woman; distribute

200 FREE pkgs. Borax Soap Powder with Soaps, etc.,

your town. No money required.

M. B. WARD CO., 218 Institute, Chicago.

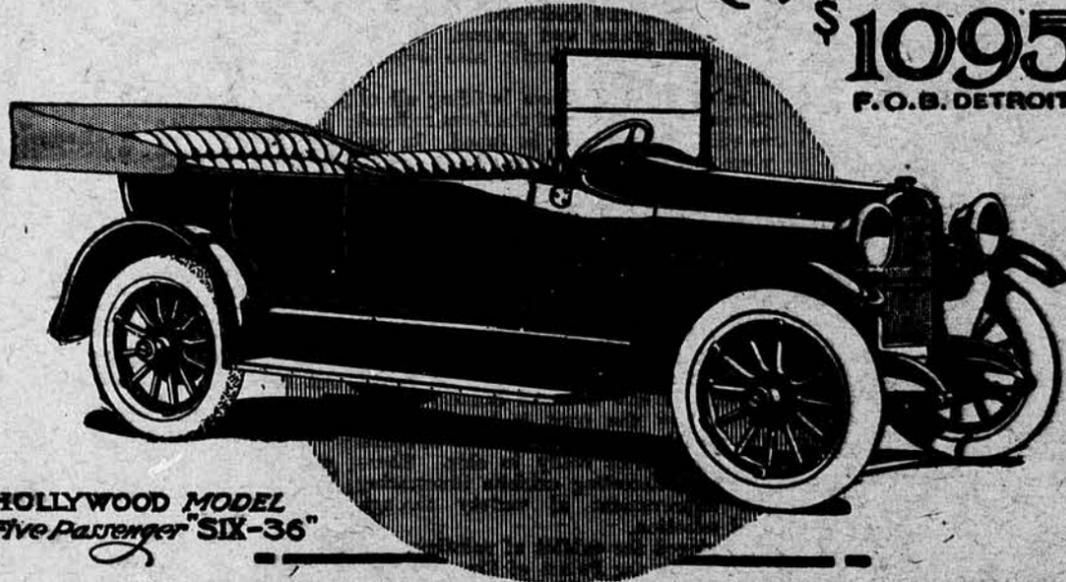


Kansas at the San Diego Fair. Excellent Exhibits and Attention to Detail Make It Worth While to Visit This Southern City.

# PAIGE

The Standard of Value and Quality

\$1095  
F.O.B. DETROIT



HOLLYWOOD MODEL  
Five Passenger "SIX-36"

## Paige Owners Are Men Who Know

The convincing thing about Paige Popularity is the fact that Paige Cars are bought by experienced motor car owners and buyers.

Paige Cars are not only made but also bought for their Value and their Quality.

Paige Supremacy is merely the sober endorsement of intelligent Americans.

We want you, then, to do as all Paige purchasers have done—examine Paige Cars carefully, critically and then compare them with any other "Sixes," all other "Sixes"—regardless of price.

See if the Quality is or is not there We say it is. Prove it for yourself.

Examine the new Light "Six-36," a five-passenger, six-cylinder Paige of super-quality, possessing all the exclusive Paige Value of beauty and highest grade features—at \$1095.

Look into the vitals of motoring that first made Paige "Sixes" supreme among the "Sixes."

You will find the wonderfully powerful and flexible motor; the full five-passenger roominess; the marvel of easy-riding; the luxury of a perfect electric lighting and starting system; the splendid ignition, carburetion and lubrication; the unequalled beauty and distinctiveness of body design that have made every Paige "Six" famous.

And you will find economy on tires and running expense in the light weight of this gem—only 2600 pounds.

Remember, it is by no means difficult to manufacture a car for a price.

It is, however, quite a different thing to produce a motor car of one hundred point excellence and still maintain a selling price to the consumer which is not prohibitive.

There you have the true essence of the Paige Idea. There you have the manufacturing policy behind this and all other Paige cars.

Paige builds for quality—not price.

Paige-Detroit Motor Car Company, 211 McKinstry Avenue,  
Detroit, Michigan

## Cows That Made 40 Pounds

The Dickinson County Cow Testing association of Abilene, Kan., makes a report every month, naming all the cows in the association that have produced more than 40 pounds of butter in the preceding 30 days. Fourteen cows received honorable mention for the month of July. In the following list the name of the owner is given first, then the name of the cow, the breed, pounds of milk, per cent of fat, and pounds of butter produced in the month:

- J. F. Leshar, Brindie, Jersey, 969 pounds of 4 per cent milk, 48.7 pounds of butter.
  - J. F. Leshar, Minnie, Shorthorn, 915 pounds of 3.8 per cent milk, 43.4 pounds of butter.
  - J. F. Leshar, Dott, Holstein, 915 pounds of 3.8 per cent milk, 43.4 pounds of butter.
  - E. S. Engle & Son, Beaut, Holstein, 1,339 pounds of 3 per cent milk, 46.5 pounds of butter.
  - E. S. Engle & Son, Lasty, Holstein, 1,476 pounds of 3.2 per cent milk, 59 pounds of butter.
  - A. B. Wilcox, Rosanna, Holstein, 1,152 pounds of 3.6 per cent milk, 51.9 pounds of butter.
  - A. H. Diehl, No. 8, Holstein, 879 pounds of 5.2 per cent milk, 57.2 pounds of butter.
  - A. H. Diehl, No. 18, Holstein, 1,838 pounds of 3.7 per cent milk, 47.5 pounds of butter.
  - Henry Aultman, Rosalie, Shorthorn, 1,176 pounds of 3 per cent milk, 44.1 pounds of butter.
  - Henry Aultman, Rosie, Holstein, 927 pounds of 3.5 per cent milk, 40.1 pounds of butter.
  - Geo. Lenhart, Nettie, Holstein, 975 pounds of 3.4 per cent milk, 41.5 pounds of butter.
  - Geo. Lenhart, Princess, Holstein, 963 pounds of 3.4 per cent milk, 40.3 pounds of butter.
  - J. F. Eisenhower, Acoma Queen, Jersey, 873 pounds of 4.8 per cent milk, 40.3 pounds of butter.
  - J. F. Eisenhower, Kelly, Jersey, 720 pounds of 4.6 per cent milk, 40.3 pounds of butter.
- This record sheet is signed by C. C. Litton, official tester, and A. B. Wilcox, secretary. J. F. Eisenhower's herd made the highest test—5.3 per cent. A. B. Wilcox's herd made the highest average of milk and butter for the month—milk, 731 pounds, butter 30.9 pounds.

## Views of a Silo Enthusiast

If I had only 20 acres I should have a silo on it. The best way to care for cows, calves, pigs, and horses is to feed them silage. I have calves that never have had any feed except silage and skim milk, and they are dandies, too. I have common Red Durham cows that have been in milk for 13 months, and still are good milkers, that get only 30 pounds of silage in the morning and a feed of alfalfa at night. If you have these two feeds you can put the mill feed man out for good. My mares get nothing but alfalfa and silage the year around and they are very fat. I haven't fed an ear of corn or a peck of oats since 1911 and I never expect to again.

I have found that in order to get something out of a silo something must be put in it. If good rich silage is wanted rich corn or kafir must be put in the silo. Don't shuck out all the good ears as they go in the cutter. Let them go in the silo and when the wind blows cold from the north and the hills are covered with snow, watch your stock eat the silage.

The silo is a part of this day and age and you will never be lined up until you get one, brother farmer. A farmer can well afford to borrow money at 8 per cent to build a silo. It is an excellent investment.  
D. C. Comer.  
Havensville, Kan.

## Regulate the Flow of Milk

Every cream separator is limited to a definite capacity, and is operated at its greatest efficiency when this capacity is not exceeded. Crowding a separator will give thinner cream, with a large loss of butterfat in the skim milk. If the rate of inflow is much decreased it results in a smaller amount of cream in proportion to skim milk, and in a higher per cent of fat in the cream. The loss of fat in the skim milk is not materially affected.

The amount of milk in the supply tank which empties into the bowl affects the per cent of fat in cream. The more milk there is in the tank, the more rapidly will the milk flow through the bowl on account of the greater pressure. If the tank is kept one-third full, the cream will be thicker than when the tank is kept brim full.

## Its Object.

"Did you see where a national apple day is to be observed?"  
"I suppose on that occasion people are expected to be patriotic to the core."

## PORTABLE CONCRETE MIXER

weighs only 225 lbs. mixes 7 cubic feet to the batch. Designed especially for farmer, sidewalk builder, etc. Made entirely of steel and iron. Easily cleaned. Made with or without power attachment. Will pay for itself in one week's time. Write today for full particulars. Leaky Mfg. Co., 82 Fifth St., Higginsville, Mo.

## Ellison's Colt and Calf Weaner—



easily attached to halter. If dealer cannot supply you will send prepaid any-40c Pat. where in U.S. on receipt of \$1.00 to W. P. Ellison, Lyons, Kan.



## EMERSON Farm Tractor

Model L—12-20 Horse Power  
A four-cylinder, 2-speed light weight tractor of great power, suitable for any size farm. Will pull the implements you now have on your farm—gang plows, harrows, mowers, binders, manure spreaders, road drags or graders. Will also operate your ensilage cutter, feed grinder, circular saw, etc. Does more work than horses—costs less and is so simple anyone can run it. Write Today for Free Folder Illustrated in Colors.

Information on Big Four "28" and Big Four "30" sent on request Emerson-Brantingham Implement Co. (Inc.) 301 S. Iron Street, Rockford, Illinois

Only \$2 Down One Year to Pay!

\$24 Buy the New Butterfly Jr. No. 2. Lightning, easy cleaning, glass skimming, durable. Guaranteed a lifetime. Shims 95 quarts per hour. Made also in four larger sizes up to 4-1/2 screen bowl. 30 Days Free Trial. Return to your dealer or write for more by what it saves in cream. Retail brings \$35.00. Color and "Bread-Crum" feature. Get it from the manufacturer and save half.  
ALBAUGH-DOVER CO. 115 2103 Marshall Blvd. CHICAGO No. 54

# FREE \$750 Overland

If you have wanted an automobile but felt that you could not afford to buy one, here is your opportunity to get free a 1916 Model, 35-horsepower Overland, fully equipped, including electric starter and lights. All you have to do is to take subscriptions to Capper's Weekly, the most popular family news-weekly in the Southwest—a whole year for only 25c; 3 years, 50c; or 6 years for \$1.00. It sells on sight. Space does not permit our going into details about this wonderful opportunity but if you will fill in and mail the accompanying coupon today, you will receive not only full particulars about this great automobile offer, but will be entitled to our big surprise. It's a real surprise—a number of good things in store for those who accept this offer. Don't delay, mail the coupon today.

**CAPPER'S WEEKLY,**  
300 Capper Bldg., Topeka, Kan.  
Gentlemen:—Please send me your big surprise and tell me how to get the automobile. This coupon does not obligate me in any way.

Name.....  
Street No.....  
Town.....  
State.....

**Capper's Weekly**  
300 Capper Bldg.  
Topeka, Kansas

**The Lime Supply**

BY M. F. MILLER

A large supply of lime in a soil is necessary for the highest productive-ness. A high lime content is almost always associated with fertility. The form in which it should occur is that of the carbonate of lime, which has the function of keeping the soil sweet and of favoring the growth of beneficial bacteria. Soils which are inclined to be wet, or those which have been subjected to excessive leaching, such as certain ridge lands, and those which have been farmed for a great number of years are usually deficient in lime carbonate and are therefore acid or sour. Consequently on such soils it is necessary to apply lime if the greatest productivity of the land is to be attained. It must not be understood that lime is a fertilizer in the usual sense of the word, since it is rarely applied to supply plant food, as in the case of fertilizers proper. It is used merely as a corrective of soil acidity. Fortunately, a considerable part of the soils is still well supplied with lime carbonate, although there are large areas of rather wet prairie and of thin and worn soils where lime is needed.

The kind of lime to use on a soil is usually that which is cheapest a unit of sweetening power. In some cases it may be air-slaked lime where it can be secured in quantity at a reasonable cost; in other cases it may be the burned lime slaked to a powder with water such as is common in the eastern states, but the cheapest form is ordinarily the ground limestone. This ma-

It is humiliating to learn that "American boots" proved so worthless that the French soldiers tore them into strips, that 200,000 pairs of "American socks" were found to be 70 per cent cotton instead of 70 per cent wool. A few crooked manufacturers in this country are in this way dishonoring the American people and putting an indelible stain on American business methods. They are advertising daily to thousands that "made in America" means that the customer will be "skinned"; that as business men we are so tricky, so dishonest, so greedy for gain that we cheat though against our business judgment, that we are willing to turn any contemptible trick to make a cent, that we are willing to be known as "dirty" business men, as a nation without business honor.

terial is usually almost pure calcium carbonate, or calcium and magnesium carbonate, and it can be secured of several companies at a cost of approximately \$1 a ton in carlots at the crusher. It should be ground to the fineness of cornmeal or finer. The best grades are ground so that 90 per cent of the material will pass a 20-mesh sieve.

The rate of application depends upon the degree of soil acidity, but the usual application is from 1 to 2 tons of ground limestone an acre or its equivalent, once in four to six years. It is commonly applied heavily at one time rather than frequently in smaller amounts. The cost of such an application of ground limestone delivered and spread on the field should not be over \$3 a ton if a fair net return is to be expected from its use.

**Ways To Ripen the Cream**

When a sufficient amount of cream has been collected for churning, the last added should be at least 12 hours old before the whole is churned. There are two ways to prepare cream for churning. The more common one is to allow the cream to sour naturally. The other is to pasteurize and then sour it with a prepared culture of sour milk, which is obtained by scalding a covered glass jar or other suitable receptacle and putting into it fresh, clean whole milk or skim-milk and allowing it to sour under favorable conditions. Buttermilk may be used if it has a good flavor and has been kept properly. If it is a little off in flavor, it may give bad results and should not be used. The advantages of pasteurizing are that disease germs are destroyed, and better keeping qualities are obtained in the butter.

**Goodyear Tires 30x3 1/2  
Vastly Better This Year**

Also Size 30x3

Note first that Goodyears—the tires we have bettered—are the largest-selling tires in the world. They have held top place for years, against all rivalry, because of super-merit.

Note that the small sizes—the sizes we mention—are called for on more cars than all other sizes together. So these small sizes must have been a great factor in our success.

So it isn't a faulty tire we are bettering, but the top-place tire of the world.

**We Add \$317,000**

This year we are adding vastly to the size of Goodyear small tires.

In size 30x3 we've increased the air capacity 21 1/2 per cent. In size 30x3 1/2 we've increased it 20 per cent.

We have thickened the side walls by adding 30 per cent more rubber. That's where constant bending breaks a thin-walled tire.

We have improved the general design of the tires to increase their endurance.

The new molds alone cost us \$63,000. And the to-

tal cost of these extras, for this year only, is \$317,000.

**Much More Mileage**

This extra size and extra rubber will add enormously to mileage. And it is added to these extra good tires, making them better still.

Both these sizes are four-ply tires in Goodyears. Size 30x3, as often made, is a three-ply tire. Our anti-skid tread—the Goodyear All-Weather—is double-thick in all.

And this year, remember, we made a big price reduction. That was our third reduction in two years, totaling 45 per cent. It will save our users some five million dollars this year.

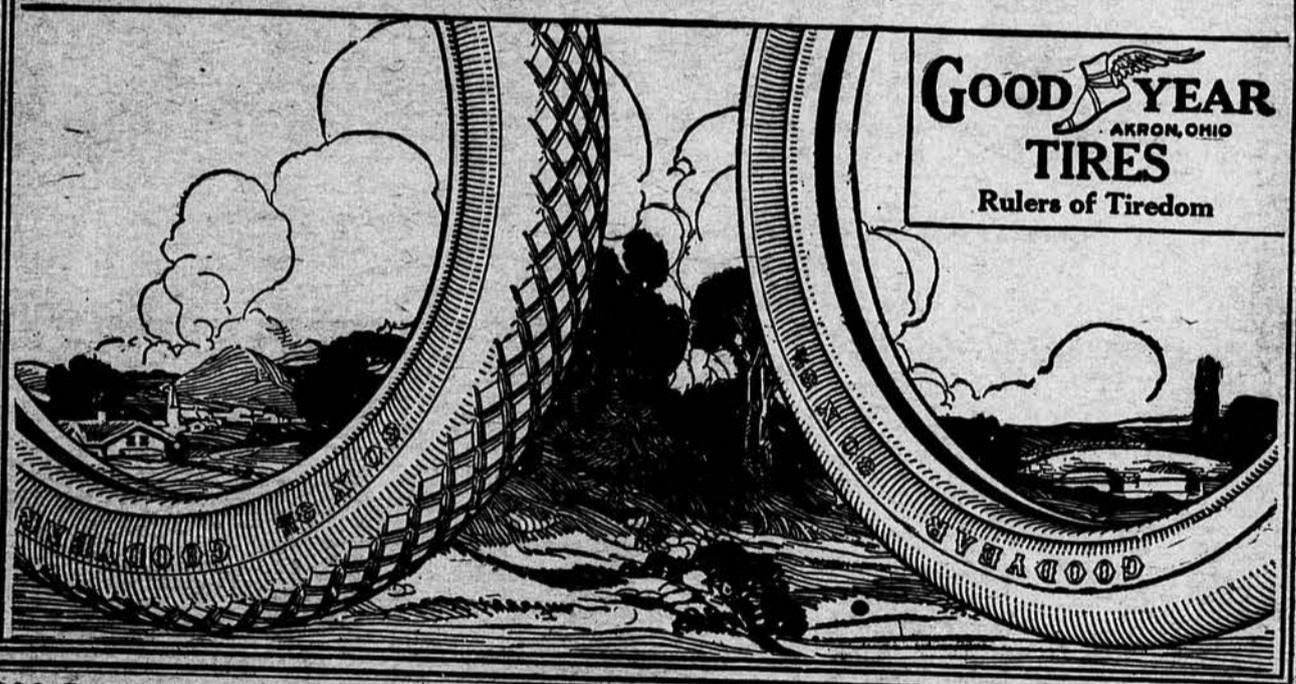
**Don't Take Less**

You seek long mileage, less trouble, less expense. The way to get them is to get these Goodyear tires. Don't take tires with less capacity, thinner side walls or fewer plies of fabric.

Any Goodyear dealer will supply you. Every neighborhood has a Goodyear service station with your size in stock, and it renders full Goodyear service.

(2593)

**THE GOODYEAR TIRE & RUBBER COMPANY, AKRON, OHIO**  
Makers of Goodyear "Tire Saver" Accessories; also Goodyear "Wing" Carriage Tires and Other Types



**200 Strawberry Plants \$1**  
CHOICE of 20 VARIETIES

1,000 express paid, \$4.00; American Everbearing Strawberry, 50, \$1.00. Big bargains in all small fruits. Catalog free. W. H. KOELL, BOX 500, HAMPTON, IOWA

**MISSOURI BRAND SEEDS**  
New Crop ALFALFA SEED ready for immediate shipment. Write today for samples and prices.  
MISSOURI SEED CO. 14 Liberty St. Kansas City, Mo.

**ARE YOU COMING?**

**INTERNATIONAL DRY-FARMING CONGRESS**  
**SOIL PRODUCTS EXPOSITION**  
DENVER  
Sept. 26 to Oct. 10  
**THE FARMERS' OWN SHOW**  
100,000 farmers will attend and exchange ideas. U. S. Government, 17 Western States and Canada will exhibit farm products raised with and without irrigation. See the largest Tractor Plowing Demonstration ever held. Implements exhibited will include everything the farmer needs to make his work easier and more profitable. Speakers will cover all subjects vital to the farmer and his family. We want you to come. Ask questions. Make suggestions. Address INTERNATIONAL DRY-FARMING CONGRESS, DENVER, COLO.



**Bovee's Central Heating System**  
At Manufacturer's Prices

Every home can now have a FIRST CLASS HIGH GRADE HEATING SYSTEM in an OLD HOUSE as well as new. Heats as much as THREE large stoves. Costs but little more than one.  
We furnish either our UPRIGHT FURNACE for burning hard coal, soft coal or wood; or our HORIZONTAL FURNACE with doors 16x16 inches for burning 4 ft. wood or soft coal. Either style furnace furnished in ANY SIZE necessary to heat the house.  
USUAL SYSTEM WITH PIPING TO EACH ROOM FURNISHED WHEN DESIRED. Write for our THREE COLOR catalogue, free.  
**Bovee Furnace Works, Waterloo, Iowa**

**Business is Booming!**

for the American farmer today. You will get big money for everything you raise, so it is up to you to raise as much as possible. Deep Tilling will help you more than any one thing, and the Spading Deep Tilling Machine will help you do real deep tilling—12 to 16 inches, pulverizing and mixing the soil into the grandest seed-bed you ever saw. Investigate!  
Write us now for information and see your dealer as well. (73)  
Spading Dept. 39, GALE MANUFACTURING CO., ALBION, MICH.



When writing to advertisers please mention the Farmers Mail and Breeze.

# BIG BARGAINS IN REAL ESTATE

Dealers whose advertisements appear in this paper are thoroughly reliable and the many bargains are worthy of your consideration

**Special Notice** All advertising copy...  
copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication to be effective in that issue. All forms in this department of the paper close at that time and it is impossible to make any changes in the pages after they are electrotyped.

120 acres, well improved; 8 miles Holton, \$9,000. S. E. Friend, Horton, Kan.

NEMAH COUNTY, KAN., farms, improved. \$40 a. up. E. L. Horth, Centralia, Kan.

FORD CO. farms, Catholic College and community. Millikan & Turner, Dodge City, Kan.

190 A. IMP. 46 alfalfa, bal. wheat, corn, pasture, \$12,000. Lindholm & Son, Kingman, Kan.

320 A. Hamilton Co. Raw grass land, \$4.50 a. No trade. Walter & Patton, Syracuse, Kan.

1920 A. 10 ml. Meade, 700 a. farm land, bal. pasture, \$12.50 a. G. W. Day, Meade, Kan.

IMP. FARMS, alfalfa, corn and wheat lands 550 up. Mott & Kohler, Herington, Kan.

FARMS and ranches, northeast Kansas, \$35 to \$125 a. Geo. Loch, Marysville, Kan.

FREE! Illustrated booklet describing richest Co. in Kan. Hoesy Land Co., Columbus, Kan.

480 A. ALL GRASS. Every acre can be cult. \$12.50 per acre. Box #15, German Colonization Co., Plains, Kansas.

BARGAIN: 80 a. 2 ml. city, school and college. 15 a. timber, bal. cult. Fine imp. \$90 a. D. E. Houston, Baldwin, Kan.

180 A. FINE CORN, wheat and alfalfa land. Large improvements. Close to town. Easy terms. W. J. Rumold, Hope, Kan.

1/2 SEC. 300 cult., 20 alfalfa, bal. pasture, well improved, spring and well. \$18,000. Terms. HHS & Murphy, Herington, Kan.

180 A. IMP. 5 alfalfa, 120 cult., bal. pasture. Living water, orchard and grove. 2 1/2 ml. town. \$40 a. M. F. House, Attica, Kan.

HAVE 10 GOOD RANCHES 1000 to 10,000 a., well watered, Barber Co. Wheat and alfalfa farms. Terms. Kackley, Hutchinson, Kan.

CHOICE WHEAT and alfalfa farms. \$50 up. Banner wheat and alfalfa country. Write for description. Box Nordyke, Harper Kan.

BARGAINS in imp. alfalfa, corn and wheat farms. Right prices, easy terms. Prosser & LeGarde, South Haven, Sumner Co., Kan.

WHEAT, OATS, COBN, ALFALFA lands. Famous Sumner County, Kansas. 1/2 wheat with farms. H. E. Seward, Wellington, Kan.

BARGAIN: Impr. 160 a. All bottom alfalfa land. 1 1/2 ml. to town, timber and orchard. Price \$25 per a. If you want to buy or trade write W. G. Studebaker, Salina, Kan.

185 A. 1 ml. town. 40 alfalfa, 18 pasture, bal. wheat and corn. Good water; impr. good barn, cement floors. Natural gas, \$110 a. Southwest Land Co., Newton, Kan.

FINE 400 acre stock farm, 240 acres cultivation. First class alfalfa, wheat and corn land. 160 acres pasture. Fine fencing, silo, barn and other improvements. \$27.50 per acre. Couch Land Co., Anthony, Kan.

FOR SALE—1060 a. imp. ranch, 2 1/2 miles of town in Ness Co., Kan. 1/2 bottom alfalfa land. One 940 a. imp. ranch, 4 miles from town. 40 a. growing alfalfa. Price, each, \$11.50 per a. Terms. No trades. All kinds of wheat and alfalfa lands. For particulars address C. F. Edwards, Ness City, Kan.

GOOD well impr. 90 a. close in at sacrifice. Decker & Booth, Valley Falls, Kan.

GOOD FARMS \$35 to \$50 per a. Write Home Inv. Co., Chanute, Kansas.

\$8000 BUYS IMPROVED business property paying 10% net. In growing town. Write Papes, Mulvane, Kansas.

240 A. 2 1/2 miles from town in Marshall Co., Kan., close to Catholic church. J. H. King, Cawker City, Kansas.

180 A. UNIMPROVED: good, level land. Finney Co., \$10 a. 1 1/2 ml. town. T. N. Castles, Lawrence, Kan.

640 ACRES smooth, part wheat, part alfalfa land. \$4,000. Terms. J. A. Jackson, Syracuse, Kan.

160 A. well impr. 1 ml. town, \$15,000. 240 a. fine improvements, \$24,000. J. Jensen, Hlawatha, Kansas.

160 A. VERY CHOICE FARM 3 miles from town in Mitchell Co., Kan. Easy terms. J. H. King, Cawker City, Kansas.

80 ACRES, well improved. High state-of cultivation. 3 1/2 miles of Wellsville. Price \$7300; \$1500 cash, bal. 5% long time. Moherman & Bivins, Wellsville, Kan.

HAVE 50,000 a. good level, wheat land. Imp. and unimp. Wheat belt. \$10 up. Alfalfa, wheat and corn farms. \$50 up. Morley & Staats, Emporia, Kan.

1080 A. RANCH two miles Cimarron, county seat of Gray Co. Good improvements. 200 acres choice alfalfa land, bal. tillable. Price \$35 per a. Might consider part in trade. Chas. Glasgow, Larned, Kansas.

CHASE COUNTY, KAN. Farms and ranches. 160 acres, 60 acres under cultivation, bal. pasture and mow land, good improvements, 1/2 miles town, price \$25 per acre, \$1000 down, balance long time, 6%. A. J. Klets & Co., Cottonwood Falls, Kan.

MORTON COUNTY, KAN., LANDS. 220 acres, level, black loam soil, shallow to water. Price \$1400 cash. Investigate. Cecil B. Long, Richfield, Morton Co., Kan.

760 A. RANCH and farm, 10 ml. south of Fowler, 15 ml. east Meade, 200 a. cult.; fine stream, 50 springs; 200 a. alfalfa land. Artesian water. New house, 18 a. timber. 2 a. orchard. \$15,000. Write R. C. Mayse, Owner, Ashland, Kan.

FOR QUICK SALE. The Twin-mound dairy farm of 183 acres; large house, 3 barns, plenty water, 115 a. in cultivation and alfalfa, good miles town and high school. Price reduced from \$17,500 to \$15,000. Harman Farm Agency, Valley Falls, Kan.

FOR QUICK SALE, best Lyon County stock ranch. Well improved. Fine grass. Plenty of bottom alfalfa land. Well located. A money maker. Easy terms. Bargains in any size tracts. Write for lists. Fred J. Wegley, Emporia, Kan.

80 A., 1/2 mile Ottawa, fine proposition, 20 a. clover, 15 a. blue grass, 1 a. timber, 6 room house, good barn, silo, orchard, blue grass yard, price right. If you want a nice home come at once.

120 a., 3 1/2 ml. Ottawa, 5 room house, large barn and other improvements, orchard, fine shade, close to school, R. F. D. and telephone. Special price for 60 days. Write for full description of any size farm you want. MANSFIELD LAND CO., Ottawa, Kansas.

FRANKLIN COUNTY BARGAINS. 120 a., 1/2 ml. high school, 3 room 2-story house; good barn, 20 a. grass, all tillable. \$75 per a. 80 a. 3 ml. town, all smooth land; 7 room house, barn, plenty fruit, close to school. \$67.50 per acre. Cassida & Clark, Ottawa, Kansas.

ALFALFA AND DAIRY FARM. 7 1/2 acres at a bargain, 1/2 mile from Peabody, 45 a. alfalfa, 9 room house, new barn; 2 silos, 160 tons; well fenced; grove and orchard. Priced very low for 15 days. It's worth looking into. Mollohan Land Co., Peabody, Kan.

BROWN COUNTY FARMS. One of 160 acres each, located near Robinson. One, extra fine improvements, at \$32,000, and one of good improvements at \$27,000; both are extra good bargains; will make good terms on sale. Bigham & Ochiltree, 116 N. 8th Street, St. Joe, Mo.

WE OWN 18,000 ACRES IN FERTILE Pawnee valley, smooth as a floor; best alfalfa and wheat land on earth; live sets of improvements; shallow water; will sell 80 acres or more. Frisell & Ely, Larned, Kansas.

160A., 3 1/2 MI. OUT. IMP. FAIR. 130 cult., 30 grass, good water, fenced. Second bottom. \$10,500. Mtg. \$4,000, 6%. Ed A. Davis, Minneapolis, Kan.

WANTED: A party with \$1500 cash as first payment on a splendid farm in Southeastern Kansas; balance on easy terms and priced very low. IT'S A SNAP. Do you want a home of your own or an investment? If so, address, Owner, Lock Box 357, Iola, Kan.

Chase County Stock Farm. 160 acres 7 1/2 miles from Clements; 70 acres good soil under cultivation; bal. good grazing land, all in one body, fair improvements. Good well, daily mail, telephone. 1 1/2 ml. to school. Fine roads. Price \$5000. \$1500 cash, bal. liberal terms at 6%. J. E. Beacock & Son, Cottonwood Falls, Kan.

Alfalfa Farm for Sale. 240 a. Kansas Valley corn and alfalfa land. 50 a. now in alfalfa; good improvements. 250 ton concrete silo. School on land. 4 ml. from town. Ideal hog, stock or dairy farm. \$66 an acre. Want to retire. C. H. Harkins, Owner, Attica, Kan.

Alfalfa, Grain and Stock Farm. 440 acres in Butler Co. 100 bottom, creek, timber, 90 alfalfa, 200 fine pasture, nicely improved, beautiful place. \$50. V. A. Osburn, El Dorado, Kansas.

2-Rare Bargains-2. Choice level 150 a. farm, \$4 a. cash. Also well imp. alfalfa farm 185 a. Perfect title. Immediate possession, \$50 a. Terms. Western Real Estate Exchange Co., Syracuse, Kan.

160 Acres for \$2500. South of Wichita near Kaw, Okla., all good level land, 60 a. in corn; good bldgs. Only \$2500; \$2500 cash, time on bal. Snap. R. M. Mills, Schweitzer Bldg., Wichita, Kan.

IRRIGATED FARMS. We are offering for sale a limited number of improved irrigated farms on easy terms. Well located, near main line of Santa Fe in Kearny County, Kansas. Water for irrigation from river and pumping plants. Electric current for all power and lighting purposes. Price ranging from twenty-five to one hundred dollars per acre. Address: The Garden City Sugar and Land Co., Garden City, Kansas.

Solomon Valley Farm. 284 acres in north central Kansas, the great alfalfa, corn and wheat belt, two miles from railroad town, rural route, telephone, county road, electric lights if you want them, all tillable, rich soil, good water, good improvements, large nine room house, school house and church on farm. Priced to sell quick at \$75.00 per acre. One-third cash. Also 160 acres in Graham County, at \$15.00 per acre, one-fourth cash. H. J. Hammond, Marion, Kansas.

Ness County Lands. Good wheat and alfalfa lands at \$15 to \$25 per acre. Fine crops of all kinds in 1914 and better crops in 1915. No better soil in Kansas. Land in adjoining counties on the east \$40 to \$75 per acre. Buy here while land is cheap. Write for price list, county map and literature. No trades. Floyd & Floyd, Ness City, Kansas.

FARM FOR SALE. Southern Kansas. 180 acres on creek, three miles town. Well improved, thirty acres alfalfa. A special bargain at \$5000.00. Terms if desired. See or write. G. N. UPHAM, Coffeyville, Kans.

Choice Pawnee Co. Farms. If you are in the market for a farm, look up the agricultural reports on Pawnee Co., or for specific information send to us for descriptive literature. We have for sale some very choice farms, priced low when quality and location are considered. 320 acres 2 1/2 ml. from city of Larned, well improved, smooth bottom land, all in cultivation. Nothing finer for corn, wheat or alfalfa. Entire place fenced and cross fenced with woven wire. Price \$35 per a. 200 acres choice bottom land, unimproved but all in cultivation, located 2 miles from Larned. Price \$60 per acre. Chas. Glasgow & Co., Larned, Kan.

ALFALFA LAND. Sedgewick County, Kan. 128 acres, 13 miles from Wichita, 3 miles small town on Rock Island R. R. All good level land, all in wheat and oats this season, can all be put in alfalfa this fall, improved. Immediate possession. If sold at once, \$75 an acre. \$2600 down; \$3000 in 5 years and \$3000, 10 years at 5% int. Would consider \$2000 in trade in place of 10 year loan. This is a snap, I know you want it. Let me hear from you by first mail. Would 160 acres of good Sedgewick Co. land look good to you at \$50 an acre? I have got it. Come and see. G. B. DAVIS, VALLEY CENTER, KANSAS.

NEW MEXICO. Wheat Land. \$6.50 an Acre—Easy Terms. Located northwest of Clovis, New Mexico. Wheat on adjoining land averaging 25 to 41 bushels to the acre, high test. Other crops equally as good. Best combined farming and stock raising proposition in this country. Healthful climate. An abundance of pure water. Arkansas Valley Town & Land Co., 451 N. E. Bldg., Topeka, Kan.

FARM LOANS. FARM AND CITY MORTGAGES a specialty. Write us if you wish to borrow. Perkins & Co., Lawrence, Kan.

FARM LOANS, Missouri, Kansas, Oklahoma and Arkansas, low rates, liberal privileges, most favorable terms. No delay. You get all you borrow. The Denning Investment Co., Cowargo, Kan. Branch offices: Wichita, Kan.; Oklahoma City, Muskogee, Durant, Okla.; Little Rock, Ark.

## FOR SALE OR EXCHANGE

TRADES EVERYWHERE. Exchange book free. Berale Agency, Eldorado, Kan.

LAND, sale or exch. Mo. to Pacific, Dakota to Gulf. Falls, 211 1/2 N. Main, Hutchinson, Kan.

K. KANSAS farms in Catholic settlements. Exc. Frank Kratsberg, Jr., Greeley, Kan.

IMP. FARMS, some in Catholic settlement. Exc. Severa & Hestick, Williamsburg, Kan.

BEST exchange book in U. S. 1,000 honest trades. Graham Bros., Eldorado, Kan.

LAND and mds. for sale or exchange anywhere. Co-operative Realty Co., Humansville, Mo.

HEADQUARTERS for best wheat and alfalfa lands in Kansas; will exchange and assume. Jones Land Co., Sylvia, Kansas.

FARMS AND RANCHES, imp. and unimp., for sale or trade throughout Western Kansas. Eugene Williams, Minneapolis, Kan.

WANT MERCHANDISE for a fine farm of three hundred and twenty acres 1 mile from good town in southeastern Kansas. Address G. Needham, Thayer, Kansas.

640 A. best impr. sec. in Co. 11 r. house; 3 wells and mills and silos. 6000 bu. elevator. Exc. for sheep pasture, Okla., or Panhandle. J. H. Price, Eldorado, Kan.

TO EXCHANGE for western land. Improved farm of 320 acres, 3 1/2 miles from good railroad town in Cowley county. Address M. G. Whalen, 413 Bittling Building, Wichita, Kan.

SIX APARTMENT flat, south near Armour Blvd. Rents \$2880; price \$30,000. 12 apartment \$70,000; good \$35,000, \$20,000 and \$14,000 general mds. All want farms. G. W. Goldman, N. Y. Life Bldg., E. C., Mo.

80 ACRES for exchange for city property. John Deer, Neodesha, Kansas.

IMPROVED and unimproved farms and ranches for sale or trade. Send for list. Bader & Webster, Junction City, Kan.

BEST farm lands in southwest Missouri at very reasonable prices. Write for list. Furr & Buffington, Golden City, Mo.

306 ACRES, good improvements; splendid stock and grain farm to trade. Youngs Realty Co., Howard, Kansas.

\$7,000 GENERAL merchandise store. Did \$35,000 business last year. Ask Hugh Conner, Hutchinson, Kan.

FOUR FOR ONE ACRES. To trade, good grass, water and improvements. Free range in East Colorado. West eastern land. A. A. Murray, Westmoreland, Kansas.

NICE smooth 800 a., 5 miles Copeland, Gray Co., Kan. All tillable; best of wheat land. Part in cultivation. \$20.00 a. Good terms. Chas. E. Dye, Preston, Kan.

160 ACRES in north Morton county; black loam soil; all in grass; every foot tillable; \$6 per acre. L. J. Pettijohn, Dodge City, Kan.

NESS CO. 160 acres, 5 ml. of two good towns; six room frame house; other impr. 80 a. cult., bal. pasture. 200 yards from school. Price \$2,000. Terms on part. V. E. West, Ramona, Kansas.

90 ACRES FOR SALE OR EXCHANGE. John Deer, Neodesha, Kan.

ALFALFA LAND \$55 per acre. 160 acres near Emporia; 7 rooms, large barn, silo, good orchard. Send for list. T. B. Godsey, Emporia, Kan.

600 ACRES 6 miles of Topeka, well improved, good soil, fine orchard. Owner old; snap at \$75 per acre. Might take small farm in part. D. V. SHOLES CO., Omaha, Neb. 915 City Nat'l. Bank Bldg.,

414 A. of Pawnee County land to trade for hardware stock. Good house in La Harpe, Kansas, to trade for western land. Good Hambletonian stallion to trade for cheap quarter. 160 a. 8 miles north of Spearville, \$15 per a., for sale or trade. E. W. Moore, Spearville, Kan.

160 A. 4 1/2 ml. Soldier, Kan. All in cultivation; 4 r. house, small barn, good well; land lays good. Price \$12,000, mtg. \$5000 at 6%. Owner will trade equity for stock of mds. 160 a. in Sheridan Co., 50 in cult., bal. grass. 3 1/2 ml. from Guy, \$2300, mtg. \$750; will trade equity for rental property. N. Erasmus, Westmore, Kan.

FOR SALE OR TRADE: 620 acres of deeded land, 90 acres government land, all in fine fertile valley, near Grand Junction, Colo. 140 a. of the growing alfalfa, all under irrigation. Plenty of water. Well imp. Horses and all tools. Price \$50,000, clear. Want Kansas land, would consider good income property. Fine ranch and worth the money. Full description of request; other trades. Eberhard & Mellor, Whitewater, Kan.

WHEAT AND ALFALFA LANDS. Santa Fe Railroad land. Easy payments. Ellis Thornhill, Halstead, Kansas.

FOR EXCHANGE. 216 acres, half in cult., bal. grass; 4 1/2 ml. of R. R. town in Ottawa Co., Kan. Small bldg. Price \$12,000. To exchange for land in east central Kansas of same value. Sewell Land Co., Garnett, Kan.

Want Livestock for Land. 160 acres improved eastern Colorado farm to exchange for livestock or clean mds. C. T. Morse, 1253 Van Buren, Topeka, Kan.

LOOK! LISTEN! HOMES in the Ozarks for sale or exchange. Cheapest good land on earth; purest water and healthy climate. Don't delay but come or write for information and lists. Ozark Realty & Abstract Co., Ava, Mo.

1920 ACRE KANSAS RANCH. 12 miles from state capitol. Other towns and railway stations near by. Four houses, one modern; plenty barns, etc. Splendid agricultural and livestock proposition. Will take farm part pay. Write G. E. Clark, 205 West 21st St., Topeka, Kan.

Wanted! We have customers looking for land and ranches in Southwestern Kansas, in exchange for their choice improved farms in Central and Eastern Kansas. What have you to offer? Theodor C. Peltzer Investment Co. 554 Scripps Bldg., Kansas City, Mo.

MISSOURI

For Sale—Splendid farm 160 a., close in, \$4500. Other farms. E. F. Campbell, Lebanon, Mo.
FARMS \$5 to \$50 per acre. List free. Robert Davis, Summersville, Mo.
STOP! LISTEN! 120 acre farm, \$1800. Other farms. McGrath, Mountain View, Mo.
KEAN & WEGNER, real estate, Lockwood, Mo. Write for information, English or German.
160 A. well imp. Well and spring. 60 a. cult. bal. timber. R. F. D. and phone. \$17.50 a. Terms. J. A. Hunt, Marshfield, Mo.
POOR MAN'S CHANCE—\$5 down, \$5 monthly buys 40 acres good land; near town; some timber, healthy location. Bargain price \$200. Box #485-O, Carthage, Mo.
BEST FARM IN OZARKS. 224 a., 175 a. in bottom; 5 crops alfalfa year. \$40 a. Have more land for sale. Write R. F. Jenkins, Ava, Mo. The homeseeker's friend.
GOOD LAND at \$12 per acre; close at home in South Missouri. On railroad. Easy terms. 10 acres up. Literature free. A. Merriam, Ellis & Benton, Kansas City, Mo.
CENTRAL MISSOURI. For farms that will prove profitable and satisfactory, write for list. 100 farms described and priced in Mo.'s best grain and blue grass section. Hamilton & Crenshaw, Box 7, Fulton, Mo.
PLEASANT HOMES IN MISSOURI OZARKS 80 acres, house, barn, spring; only \$700. own and control 10,000 acres, any size tract. Easy terms, good water, climate unexcelled. Frank Hays, Ava, Mo.
ATTENTION, FARMERS. If you want a home in a mild, healthy climate with pure water and productive soil and where land can be bought at a reasonable price write Frank H. Hammel, Marshfield, Mo.

ARKANSAS

FOR CHEAP CORN, alfalfa and truck farms write W. L. Perkins, Ashdown, Ark.
WRITE Dowell Land Company for bargains in Arkansas lands. Walnut Ridge, Ark.
RICH VALLEY FARMS with all new buildings on most liberal terms ever offered. Valley Park Imp't Ass'n, Edwardsville, Ill.
PINKEETON, the Land Man, Green Forest, Carroll Co., Ark. He has the cheap lands for sale. Write for list.
101 ACRES OZARK valley and upland, with some 60 in cultivation, corn, cotton, etc. Fair 4 room house, outbuildings, orchard. This general purpose farm, 6 miles out. Price \$1050. J. L. McKamey, Imboden, Ark.
STOP PAYING RENT! Own your own home. Cheaper than renting. Our new plan tells you how. Rich, sure crop land, no rocks or swamps. Free Map. Tom Blodgett Land Company, Deak 3, Little Rock, Ark.
IF INTERESTED IN N. E. ARKANSAS farm and timber lands, write for list. F. M. Messer, Walnut Ridge, Ark.
3,000 ACRE STOCK FARM; 800 in cultivation; 1,000 bottom land; 3 mi. from Danville; well fenced; a bargain; easy terms. Free booklet on Arkansas. F. H. Thompson, Fort Smith, Ark.
280 ACRES good timbered grass land, plenty water; some farm land; house, barn and orchard; 8 miles from county seat, R. R. town. Must sell at once; \$5 per acre. M. C. Bird, Owner, Waldron, Ark.
Arkansas 160 acre farm, 40 a. in cultivation; bal. in grass. One 4 room house. 1 1/2 mi. from town. Every acre can be cultivated. \$7.50 acre. Clouds Land Co., Ashdown, Ark.

OKLAHOMA

F. M. TARTLTON & CO., will mail you list of farms in northeast Oklahoma. Write them. Vinita, Oklahoma.
TENANTS WANTED. Good fertile Northern Oklahoma land to rent to livestock farmers. Special inducements offered to good tenants. Young married men preferred. Address Mgr. Monticello Farm, Caney, Kan.
HALF PRICE—160 acre farm 1/2 miles from Oakwood. 70 a. in cult., bal. rough prairie pasture, all fenced—best quality dark rich loam, good 4 rm. house, bearing orchard, fine well of pure water. This farm is worth \$4,500 but belongs to a non-resident and is offered for quick sale at \$2,700 with time on \$1,000.
Perry DeFord, Oakwood, Oklahoma
ALL CROPS GOOD HERE. Corn average 40 bu. Good improved farms. \$20 to \$30 per a. Write us. Southern Realty Co., McAlester, Okla.
Cheapest GOOD Farm Land in Oklahoma, is in McCurtain County. Write for my "War Special." Some real bargains. C. R. O'Neal, Box 75, Idabel, Okla.
Oklahoma Land For Sale Good land in Northeastern Oklahoma; price from \$20.00 to \$35.00 per acre. Write for price list and literature. W. C. Wood, Nowata, Okla.
Big Advance Sure Following this big crop, there is certain to be a sharp advance in the price of farm lands in Oklahoma this fall and winter. It is the time to buy. Buy before the rush commences and get in on the advance. Why not clean up a few hundred or a few thousand dollars profit the next few months? You could not lose and in all probability would gain some easy money. The man who buys a farm for a home can never again buy so cheap. I sell only our own lands so you will have no commissions to pay. Come and see me. Frank Meadows, Hobart, Okla.

FLORIDA

FREE—The truth about Florida in Florida Highlands Progress, illustrated; 6 months subscription free. Johnson & Tutt, 838 N. Y. Life Bldg., Kansas City, Mo.

COLORADO

FOR SALE! Fruit tracts and irrigated farms in Northern Colorado. Write me what you want. A. H. Goddard, Loveland, Colorado.
FOR SALE. Desert and homestead entries, improved, under ditch, near R. R. \$10 per a. in Logan Co., Colo. Wm. Tew, Sterling, Colo.
TRUSTEE LAND SALE. Splendid irrigated alfalfa, grain, sugar beet farms cheap to close estate. Crop payment plan if desired. Horace Davis, Owner, Sterling, Colo.
TWO 160 ACRE farms near Haxtum, Colorado, in the midst of a good farming settlement. Small cash payment, balance like rent. O. P. Morgenthaler, 526 State Bank Bldg., Omaha, Neb.
560 A. highly improved; school, R. R., phone. \$20 a., 1/2 down. Stock and machinery also for sale; improvements cost \$5000. Horace Meloy, Calhan, Colo.
CHOICE WHEAT and corn valley farms in Logan County, Colorado, in the natural alfalfa county, for sale. Small cash payment, balance like rent. Land surrounded by good neighbors, wheat yielding better than 40 bushels. Crop failures unknown. H. J. Wagner, Sterling, Colo.
A FEW REAL BARGAINS in land, 160 acres all farm land, 5 miles from town, 1/2 mile to school; good little house, 20 feet to water. \$5 acres in corn now. \$15 per acre. Harry Maher, Deer Trail, Colo.

2000 ACRES

Alfalfa, hogs, cattle. Colorado's best farm. 2 large cement silos; high class buildings. Trout lake, sparkling springs; near Colo. Springs. R. R. 1 mile. Low price. Free book. Keen Bros., Owners, Pueblo, Colorado.

TEXAS

A 16,593 ACRE stock farm, must be sold in a body. 3,000 acres in cultivation, Artesian water. Fifty tenant houses. \$20 an acre. No Trading. W. H. Graham, Cuero, Texas.
IRRIGATED RANCH near El Paso, completely ditched, 120 acres; six room house with large veranda; 1 tenant house; barn and shed. Windmill, tank; 4 mules, 2 horses; hay press, rakes, plows, 2 wagons, buggy. Three miles from railroad. All first class condition. Owner deceased. Widow will sell at bargain. No trade. Address M. M. Capper Publications, Topeka, Kan.
FAIRBANKS GARDEN AND POULTRY FARMS. 10 and 20 acre tracts. Right at station, school, store, postoffice, shell road and railroad. 40 minutes from Houston by rail or auto. Black sandy soil. All prairie. Monthly or yearly payments. Commercial Investment Co., 503 Commercial Bank Bldg., Houston, Texas. Preston No. 1520.

FOR SALE

Farms, ranches and business propositions in south and southwest Texas, or lovely homes in beautiful Yukum. Are you interested? Write us just what you want and we will help you to get it. Can make you low prices and long terms. We also have some fine colonization propositions. Watch our ads. Woolsey-Lacy Realty Co., Box 246, Yukum, Texas.

MONTANA

FAMOUS JUDITH BASIN, MONTANA. Wonderful grain and stock country, rainfall unfalling, mild winters, delightful summers, healthful climate, crop failures unknown, extra fine stock ranches, natural alfalfa and timothy land, greatest non-irrigated grain growing section in United States, holds record winter wheat and barley. No destructive insects. Write for literature. J. W. Studebaker, State Agent, McPherson, Kansas.

CALIFORNIA

PLACER COUNTY, CALIF. Lands, improved and unimproved. For fruit or stock raising. Large or small tracts. Write to W. W. Rodehaver, East Auburn, Calif.

WISCONSIN

30,000 ACRES cut-over lands; good soil; plenty rain; prices right and easy terms to settlers. Write us. Brown Brothers Lumber Co., Rhinelander, Wis.

WISCONSIN FARMERS. We offer you partially improved farms. Small house, small clearing, \$30 an a. and upwards. We also will loan you money to buy cows and pigs. Rich soil, good roads, neighbors, schools; near best of markets. Send for free map and price list. Faust Land Co., Conrath, Rusk Co., Wis.

SOUTH AMERICA.

JOIN SYNDICATE forming to secure, colonize and stock half million acres, in Bolivia. Less than 5 cents an acre. Absolute title. Rich soil—fine climate. Highest references. P. O. Box 498, Sawtelle, Calif.

NEW YORK

283 ACRES; HOUSE AND BARN. 4 miles to good railroad town, 1 mile to school. Well watered. To quick buyer \$2200, \$700 cash, bal. time. Hall's Farm Agency, Owego, Tioga Co., New York.

MONEY-MAKING FARMS throughout 15 Eastern States; one acre to 1,000 acres, \$10 per acre up; many with livestock and tools included; big illustrated catalogue free. E. A. Strout Farm Agency, Station 20, 47 W. 84th St., New York.

IDAHO

IMPROVED irrigated lands, \$80 a. up. Write for booklet. J. C. Lindsey, Twin Falls, Idaho.

Demand Good for Young Beef

Choice yearlings and heifers are selling stronger this week, demand for weighty beef steers having been transferred in some degree to baby beefs. Some yearlings sold at \$10, and heifers at \$9.85. Middle grades of natives sell at \$8.40 to \$9.55. Kansas grass steers of highest grade sold at \$8.65 to \$9, and lighter pasture steers sold at \$7.25 to \$8.25, some feeders at \$7.75. Cow stuff is sharing the increased demand for baby beef, and sells fully steady today, top fed cows \$7.75, most of the native cows at \$6 to \$6.50. Eastern order buyers complain that killing cattle are selling too high here to attract eastern orders, which means that this market has a strong reserve force in the competition which will keep prices here strong as compared with other markets. Bulk of hog sales ranged from \$6.75 to \$7.20, top light hogs \$7.35. Heavy hogs sold at \$6.60 to \$7, top hogs to packers \$7.05. A visiting hog salesman says that rough heavy hogs are selling 50 to 60 cents higher here than at markets north of us. Bulk of sales in Chicago is also considerably below bulk here. Light supplies and good demand account for the advantage to sellers. Sheep and lambs sold steady today, and there were signs of stronger prices soon on killing stuff. Top lambs brought \$8.25, not strictly first grade, and medium lambs

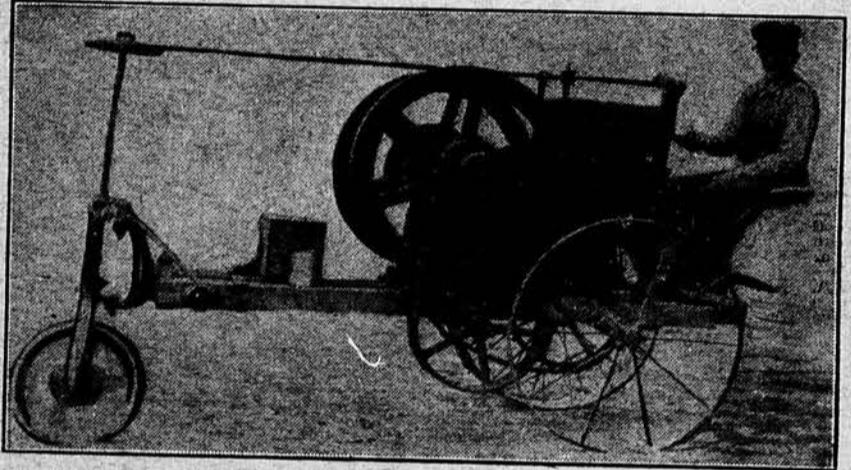
firsts, 22c; seconds, 21c; pound prints, 1c higher; packing stock, 18 1/2c. Live Poultry—Broilers, under 2 pounds, 15c; 2 pounds or over, 14c; hens, No. 1, 11 1/2c; roosters, 8 1/2c; turkeys, 14c; ducks, young, 9@10c; old, 8c; geese, 6c.

Stray Dogs Are Protected

Has one a right to shoot stray dogs? Norton, Kan. A. E. Y. You have no right to shoot stray dogs except for the protection of your life or property when attacked. S. M. Brewster, Attorney General.

Tractor Competition Now

This is a picture of a homemade tractor, the product of a 17-year-old boy, L. C. Lokhorst, living with his grandparents, Mr. and Mrs. C. Van Greuningen, on a farm near Prairie View, Phillips county. Mr. Lokhorst bought a 5-horsepower engine, and then devised the manner of connecting it to produce power to move the wheels on which it is mounted. He can do light work with it in the fields. This boy has been interested in ma-



This Tractor Was Made on a Farm Near Prairie View by L. C. Lokhorst, and It Is Used For Light Work.

sold at \$8 to \$8.10. Feeding stock remains firm, and considerable of that kind is coming.

FAT STEERS.

Prime heavy, corn fat.....\$9.40@9.90
Prime, medium weight..... 9.10@9.65
Good to choice..... 8.25@9.05
Fair to good..... 7.40@8.20
Western steers, choice..... 8.40@9.40
Fair to good..... 7.25@8.40
Common to fair killers..... 7.00@7.39
Prime yearlings..... 9.00@9.35

COWS AND HEIFERS.

Prime.....\$6.75@7.50
Good to choice..... 6.10@6.70
Fair to good..... 5.40@6.20
Cutter cows..... 4.85@5.40
Canners..... 3.50@4.50
Prime heifers..... 8.60@9.60
Fair to choice..... 7.75@8.55
Common to fair..... 6.40@7.70

QUARANTINE CATTLE.

Steers, grain fed.....\$8.60@8.90
Steers, meal and cake fed..... 7.50@8.60
Steers, grass fat..... 5.50@7.85
Cows and heifers..... 4.50@7.40

FEEDERS AND STOCKERS.

Selected feeders.....\$8.00@9.00
Good to choice feeders..... 7.65@8.00
Medium to good feeders..... 7.00@7.60
Common to fair feeders..... 6.50@7.09
Selected stockers..... 8.00@8.50
Medium to good stockers..... 7.25@7.90
Common to fair stockers..... 6.70@7.20
Stock cows..... 5.50@6.85
Stock heifers..... 6.00@8.00
Stock calves..... 7.00@8.60
Killing bulls..... 4.75@6.50

HOGS.

Choice hogs, over 250 pounds.....\$6.85@7.20
Choice hogs, over 250 pounds..... 6.65@7.05
Light hogs, 150 to 200 pounds..... 7.00@7.35
Rough to common..... 5.75@6.60
Bulk of sales..... 6.75@7.25

SHEEP.

Spring lambs.....\$7.85@8.30
Yearlings..... 6.75@7.15
Wethers..... 6.25@6.75
Ewes..... 5.50@6.50
Goats..... 4.75@5.25

Wheat Prices Few Cents Lower.

Prices of wheat for future delivery declined 3 to 6 cents last week, under the influence of a restricted foreign demand, and favorable weather for harvesting what seems to be the largest spring wheat crop ever raised in the United States and in Canada, and the market for carlots also weakened somewhat, though premiums without precedent for this time of year continue to prevail for carlots of good milling wheat over the prices for future delivery. Hard wheat—No. 2, nominally \$1.14@1.32; No. 3, \$1.31; No. 4, \$1.13. Soft wheat—No. 2, \$1.13@1.15; No. 3, \$1.10; No. 4, \$1.01. Mixed wheat—No. 3, \$1.06; No. 4, \$1.03. Corn—No. 2 white, 73 cents; No. 3, 72 cents; No. 4, 71 cents; No. 2 yellow, 74 1/2 @75; No. 3, 73 1/2 @74; No. 2 mixed, 72 1/2 @73; No. 3, 72; ear corn 69 cents. Oats—No. 2 white, 44@46; No. 3, 43@44; No. 2 mixed, 40@41; No. 3, 37@39; No. 3 red, 40 cents.

Butter, Eggs and Poultry.

Eggs—Extras, new white wood cases included, 21 1/2c a dozen; firsts, 19c; seconds, 14c. Butter—Creamery, extra, 24c a pound;

chinery ever since he was old enough to lose tools. He has equipped the barn and a part of the dwelling house with electric lights.

For Better Roads

Arrangements for the Pan-American Road congress are approaching completion. The congress will assemble at the Municipal auditorium, Oakland, Cal., Monday morning, September 13, and continue five days, closing Friday afternoon, September 17. The congress is to be held under the auspices of the American Road Builders' association and the American Highway association, acting jointly. The program has been given very careful attention. Practically every subject relating to materials and methods of road construction, maintenance, financing, engineering and education has been accorded a place, and will be discussed by the ablest men in the country in their respective branches.

Some Cool.

"And was your husband cool when the highwayman pointed the revolver at him?" asked Mrs. Naybor. "I should say he was cool," replied Mrs. Peck. "Why, when he got home his socks were frozen to his feet!"—Peoria Star.

To hide the brick work at the front of the porch, use canna as a background, with a border of salvia in front.

Write Us About Stock That You Want to Ship to Market

or about stock you want to purchase to feed. Our twenty years experience on this market will save you money. Each department is looked after by competent men. Our weekly market letter will be sent you free upon request. Send your address to Ryan-Robinson Commission Co. 421-5 Live Stock Ex., Kansas City, Mo.

WHOLESALE HAY

The Kay See Hay Company gets top prices for your consignments and gives better grades for your money. You get the best possible results by dealing with us. THE KANSAS CITY HAY COMPANY 706-A Live Stock Ex., Kansas City, Mo.

# FARMERS CLASSIFIED ADVERTISEMENTS

Farmers Mail and Breeze is the greatest classified advertising medium in the farm paper field. It carries the most classified advertising because it gives the best results. The rate is low: 5 cents a word; four or more insertions 4 1/2 cents a word. Here is a splendid opportunity for selling poultry, livestock, land, seeds and nursery stock, for renting a farm, or securing help or a situation. Write us for proof that it pays. Everybody reads these little ads. Try a classified advertisement now.

## POULTRY

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**BUFF ROCKS**—WILLIAM A. HESS, Humboldt, Kan.

**QUICK RETURNS ON POULTRY BY THE** Copes, Topeka.

**WHITE LANGSHANS. PUREBRED FINE** young stock. Mrs. Geo. McLain, Lane, Kan.

**ROSE COMB WHITE LEGHORNS, COCK-** ereils, hens and pullets. A. G. Dorr, Osage City, Kan.

**FOR SALE—WHITE LEGHORN CHICK-** ens, Runner ducks. S. W. McComas, Circleville, Kansas.

**PRIZE WINNING WHITE LEGHORN** cockerels for sale cheap. Clara Colwell, Smith Center, Kan.

**DUFF'S MAMMOTH BARRED ROCKS** Choice breeding and exhibition quality. A. H. Duff, Larned, Kan.

**BLACK LANGSHANS (BARKER STRAIN)** and Light Brahmas. This year's breeding pens at reduced prices. Young stock for sale at low prices this mo. Belgian Hares for sale or trade. Fairview Yards, Americus, Kan.

**WHITE WYANDOTTE EGGS AND COCK-** ereils from prize winning stock. Eggs, 15 for \$1.00, 50 for \$3.00, 100 for \$6.50. We guarantee nine chicks per setting or duplicate at half price. Cockerels \$2.00, 5 for \$5.00. G. A. Wiebe, Beatrice, Nebraska.

**BUTTERCUP POULTRY YARDS. I WILL** mate you a trio of beautiful Buttercups (200 egg strain) for \$10 and ship November 1. Book your orders now and avoid disappointment. No better Buttercups in United States. Prosperity and happiness with this breed. W. C. West, R. No. 5, Topeka, Kan.

## LIVE STOCK

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**ONE REG. SHROPSHIRE RAM FOR SALE.** Geo. Peet, Madison, Kan.

**RED POLL BULLS AND COWS.** D. F. Van Buskirk, Bluemound, Kan.

**4 REGISTERED ANGUS BULL CALVES** for sale. Emil Hedstrom, Lost Springs, Ks.

**TWO JACKS FOR SALE OR TRADE.** Hour choice; need one? Box 22, Hamilton, Kansas.

**FOR SALE—EIGHT REGISTERED JEN-** nets bred to best Jacks. Two yearling Jacks. J. F. Kern, Butler, Mo.

**HIGH GRADE HOLSTEIN CALVES,** either sex, 3-4 weeks old. \$17 each, crated. Burr Oak Farm, Whitewater, Wis.

**FOR SALE—REGISTERED HAMPSHIRE** pigs, sired by a son of General Tipton, grand champion at six state fairs. Both sexes. R. C. Krueger, Burlington, Kan.

**REGISTERED HOLSTEINS FOR SALE—** Four cows, one three-year-old bull, one yearling heifer, one bull and two heifer calves. J. W. McRae, Republican City, Neb.

**FOR SALE—TWO GOOD POLLED HER-** ford bulls, some giant Poland China boars, also a few nice little farms near Lawrence. Address me if interested. Ben Anderson, R. No. 1, Lawrence, Kan.

## SEEDS AND NURSERIES

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**GINSENG SEED SOLD OR EXCHANGED** for Indian relics. A. L. Geiser, Dalton, N. Y.

**HOME GROWN ALFALFA AND SWEET** clover. I have a limited amount of fancy and choice seed. Write for prices and samples. Asher Adams, Osage City, Kan.

**FOR SALE—YOUNG RED CEDAR TREES** 6 to 12 in. high, 2 cts. 12 to 18 in., 4 cts. 18 to 24 in., 6 cts.; 24 to 30 in., 10 cts. Orders booked for hand picked White and Post Oak acorns, 10 cts. per lb. W. P. Waters, Pyatt, Ark.

**WINTER TURF OATS, BUSHEL \$1.00; 10** bushels 90c. Rye, bushel \$1.35; Crimson clover, Essex rape, alfalfa, Red clover, grass seed, strawberry plants, rhubarb roots, ginseng. Fall price list free. Southwestern Seed Co., Dept. C, Fayetteville, Ark.

## FOR SALE

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**SHIP YOUR HENS TO THE COPEs,** Topeka.

**A GOOD FIFTY BRL. MILL FOR SALE.** Address Y, care Mail and Breeze.

**FOR SALE—BULL TRACTOR. A BAR-** gain. R. J. Johnson, Geneseo, Kan.

**FOR SALE—ONE (NO. 15) OHIO ENSL-** age cutter, nearly new. Long Bros., Reserve, Kan.

**FOR SALE—ENGLISH BULL PUPS.** Males \$5.00. Females \$2.50. W. H. Loftin, Fredonia, Kan.

**PROTECT YOUR POULTRY AND OTHER** property, get a bull dog. Pups for sale. T. J. Avary, Larned, Kan.

**COLLIE PUPS FOR SALE—WE BREED** the best, all stock eligible to register. Cecil L. Hinds, Mound Valley, Kan.

**COLLIE PUPPIES, Sired BY PARBOLD** Fox, son of Champion Ormskirk Foxall. Dam imported Craigmere Coronet. Fox terriers. Western Home Kennels, St. John, Kan.

**ENGINE PLOW FOR SALE—JOHN** Deere 10-14 in. bottom; one 12-14 in. bottom; one 14-14 in. bottom; good condition; will sell cheap. L. A. Jordan, Winona, Kan.

**FOR SALE—J. I. CASE ENGINE GANG** plow 6-14 inch bottoms, wood break pins, 4 extra breaker bottoms, nearly new. Price \$150.00. Brant & Yoel Hdw. & Implement Co., LeRoy, Kan.

**PRAIRIE HAY. WE HANDLE HAY IN** large quantities and can make shipment any day. Ask for delivered prices. The Osage City Grain & Elevator Co., 416 Main street, Osage City, Kansas.

**4,000 BU. FANCY PEACHES, BELLE** Georgias. Best white canning peach; Aug. 15 to 25; \$1.00 bu. box. Elbertas, Aug. 20 to 30. \$1.15 bu. box. F. O. B. W. S. Taylor, Winfield, Kan.

**GRAIN ELEVATOR FOR SALE. NEW** elevator 7000 bu. capacity, equipped with 15 h. p. engine and latest machinery, automatic scales, air loader, etc. In one of Kansas' best wheat fields this year. Will sell at bargain. Address Elevator Bargain, care Mail and Breeze, Topeka, Kan.

## FOR SALE OR TRADE

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**320 A. UNIMPROVED WHEAT LAND AND** rented residence, clear, for improved farm. Box 65, Strong, Kan.

## BELGIAN HARES

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**YOU CAN MAKE A GOOD LIVING IN** your back yard raising Belgian Hares. Particulars free. W. G. Thorson, Aurora, Colorado.

## LANDS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**FOR SALE AT A BARGAIN—25 ACRES IN** city limits. G. P. Stuber, Belleville, Kan.

**GOOD WESTERN MICHIGAN FARMS FOR** sale at a low price. G. Blakenstaff, Custer, Mich.

**BEST LAND, BEST WATER RIGHTS, IN** sunny Colorado. Low prices. Keen Bros., Pueblo, Colorado.

**YOUR CHOICE OF A 160, 320 OR 640 A.** farm. Possession now. Easy terms. W. C. Blattler, Belpre, Kan.

**FINE 160 ACRES, THREE MILES MAIN** street, Neodesha. Improved. \$95.00 acre. Chas. Mitchell, Neodesha, Kan., R. 3.

**240 ACRES, 110 BROKE, BALANCE IN** mow land. Write owner for terms and description. F. O'Daniel, Westmoreland, Kan.

**FOR SALE—IRRIGATED 160, NEAR COUN-** ty seat, cheap, easy terms. Oil just discovered near. Fine climate. Seder, Albuquerque, New Mexico.

**FOR SALE 320 A. GOOD GENERAL FARM.** Decatur and Sheridan Co. 100 c. under cultivation. Fenced and cross fenced. \$3,200. W. F. Walker, Weskan, Kan.

**FOR SALE—GOOD 480 ACRE RANCH.** Shallow to water. 100 acres in crop. Buildings good. Price \$20 per acre. Address Walter Boucher, Friend, Kan.

**SQUARE SECTION, HODGMAN COUNTY,** Kan. Well improved. Bargain \$16,000. 160 Caddo county, Okla. Improved \$8,000.00. G. W. Dupue, Centerville, Kan.

**SELL YOUR PROPERTY QUICKLY FOR** cash. No matter where located. Particulars free. Real Estate Salesman Co., Dept. 5, Lincoln, Neb.

**RICH BLACK LAND FARM. IMPROVED** stock, grain, alfalfa farm, 800 a., half cultivation, ready for traction plows. \$30,000.00. Seth Reynolds, Ashdown, Arkansas.

**FOR SALE—RIGHT. 200 ACRES OF TIM-** ber land; makes fine grazing when cleared. Lots of saw stuff. 1/2 cash. Bal. 2 years. Owner, W. B. Sichel, Siloam Springs, Ark.

**FOR EXCHANGE—160 A. IMPROVED** Ozark farm 10 ml. from Marshall. Searcy Co., Arkansas. Price \$2000. Mtg. \$700. Give detail in first letter. A. B. McAdams, Clay Center, Kan.

**WHEAT LAND AND GASOLINE TRACTOR** plowing outfits, to rent with the land. Also will sell fine wheat land on easy terms. In Wallace county, Kan. J. E. Fitzgerald, owner, Jamestown, Kan.

**NINETY ACRE IMPROVED VALLEY** farm in northwestern Arkansas. For sale, or trade for improved farm in eastern Kansas or western Mo. Write Owner, Box 115, R. F. D. No. 2, Gravette, Ark.

**PRODUCTIVE LANDS; CROP PAYMENT** or easy terms along the Northern Pac. Ry. in Minn., N. D., Mont., Idaho, Wash. and Ore. Free literature. Say what state interests you. L. J. Bricker, 48 Northern Pac. Ry., St. Paul, Minn.

**640 ACRE FARM FOR SALE. ONE MILE** to Utica in high school district; best improved in Co. Send for photographs of bldgs. and crops. Price \$35.00 per acre, \$8,000.00 will handle this, other lands for sale. A. W. Buxton, Utica, Ness Co., Kan.

**DRY FARM LAND—840 ACRES 20 MI.** north of Limon, Colorado, one-half fenced, 120 acres broken, good well, 3 room house with cellar, good spring on one quarter. \$3.00 per acre. No trades. H. P. Mason, 1717 Grant Avenue, Colorado Springs, Colo.

**200 ACRES WASHINGTON CO. IM-** proved; want western land. 120 acres, Sedgwick Co.; want land in Mitchell or Jewell. 90 acres Mitchell River bottom; want land south Kansas. \$4500 drug store for land. List with me. Outhwaite, Glen Elder, Kan.

**FOR SALE—FINE FARM 25 ACRES, 1 1/2** ml. to car line, on pike road. 14 room house and two barns in good condition, four wells, two cisterns, 2 acres timber, 4 acres alfalfa, balance cultivation. Small fruits, apples; 1/2 mile to school. Price and terms write M. M. Shepherd, Berryville, Arkansas.

**PUBLIC SALE OF REAL ESTATE SEPT.** 15, at 2 p. m., on my farm. On account of debts, will sell my farm 1 1/2 miles northwest of Council Grove, Morris county, on Parkerville road, at public auction. Consisting of 157 acres, 55 rich bottom land, 13 acres alfalfa, 95 fine pasture, Spring water year around, 2 large barns, one 5 room house. Terms \$600 cash, bal. in 30, 60 or 90 days. Subject to \$2000 mortgage due in 5 years. For further information write. Prompt answer. F. J. Wabberman, Council Grove, Kan.

**FINE TOPEKA HOME FOR SALE—I WILL** sell my place in Topeka, located on the most beautiful street in the city, near limits of city, two blocks from street car, two blocks from fine school, fine old shade, park like surroundings, lot 61 1/2 by 305 feet, eight room house, modern in every detail, hardwood finish, four fine mantels and grates, of oak, brick and tile, big sleeping and dining porch, both screened, barn, poultry houses, etc., etc. Fine place for farmer who wants to move to the capital city. Price \$5,500, worth more. Cash or terms. Interest only 6 per cent instead of the usual 7 per cent. No trade. Address R. W. E., care Mail and Breeze.

## FARMS WANTED

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**WANTED—TO HEAR FROM OWNER OF** good farm or unimproved land for sale. H. L. Downing, 111 Palace Bldg., Minneapolis, Minn.

**I HAVE SOME CASH BUYERS FOR SALE-** able farms. Will deal with owners only. Give full description, location, and cash price. James P. White, New Franklin, Mo.

**SEND DESCRIPTION OF YOUR FARM OR** ranch! We have cash buyers. Don't pay commission. Write National Real Estate Exchange Association, Dept. No. 57, Peru, Illinois.

## BEES AND HONEY

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**ITALIAN BEES FOR SALE. A. H. DUFF,** Larned, Kan.

**HONEY—FANCY WHITE EXTRACTED,** 2 60 lb. cans \$11.00. Light amber \$10.00. Amber \$9.00. Single cans 25 cents extra for boxing. Special prices in large lots. Bert W. Hopper, Rocky Ford, Colo.

**SPECIAL PRICE LIST PURE CALIF.** honey free. Produced by one of our Calif. apiaries. Explains grades, sized packages, prepaid prices. Inspection allowed before payment. Sample for dime to pay postage. Spencer Apiaries, Dept. D, St. Louis, Mo.

## AGENTS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**WANTED—AGENTS TO SELL WINFIELD** Reliable Trees. Pure bred—True to name. Growers of a general stock. Will pay a liberal commission. Cooper and Rogers, Winfield, Kan.

**YOUNG MAN, WOULD YOU ACCEPT A** tailor-made suit just for showing it to your friends? Then write Banner Tailoring Co., Dept. 177, Chicago, and get beautiful samples, styles and a wonderful offer.

## MALE HELP WANTED

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**I CONDUCTED GOVERNMENT EXAMINA-** tions. Can help you secure railway mail or other government positions. Trial examination free, Osment, 38R, St. Louis.

**FIREMEN AND BRAKEMEN: \$100** monthly, experience unnecessary; hundreds needed by the best railroads everywhere. Particulars free. 795 Railway Bureau, East St. Louis, Ill.

## HELP WANTED

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**GOVERNMENT FARMERS WANTED, EX-** amination Oct. 13. Good salaries. Free quarters. Write, Osment, 38R, St. Louis.

**BE A DETECTIVE. EARN \$150 TO \$300** per month; travel over the world. Write Supt. Ludwig, 401 Westover Bldg., Kansas City, Mo.

**THOUSANDS GOVERNMENT JOBS OPEN** to men and women. \$65.00 to \$150.00 month. Write for list, Franklin Institute, Dept. B51, Rochester, N. Y.

**MOTORMEN—CONDUCTORS; \$50 MONTH-** ly. Interurbans everywhere. Experience unnecessary; qualify now; state age. Book-let free. Electric Dept., 312 Syndicate Trust, St. Louis.

**WANT GERMAN OR SWEDISH FARMER** who has several grown boys; must be experienced dairy-man. Everything furnished on good farm near Kansas City. References required. J. R. Meyers, 609 New England Bldg., Kansas City, Mo.

**WANTED—FARMERS—MEN AND WOMEN** everywhere. U. S. government jobs. \$75.00 month. Short hours. Vacations. Rapid advancement. Steady work. Many appointments coming. Common education sufficient. No pull required. Write immediately for list of positions now obtainable. Franklin Institute, Dept. B 51, Rochester, N. Y.

**LOCAL REPRESENTATIVE WANTED.** Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. All or spare time only. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. National Co-Operative Realty Company, L-157 Marden Building, Washington, D. C.

## PATENTS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**PATENTS THAT PAY. \$600,000 CLIENTS** made. Searches, advice and two books free. E. E. Vrooman & Co., 885 F, Washington, D. C.

**SEND FOR FREE BOOKLET, ALL ABOUT** Patents and Their Cost. Shepherd & Campbell, Patent Attorneys, 506 C Victor Bldg., Washington, D. C.

**MEN OF IDEAS AND INVENTIVE ABIL-** ity should write for new "List of Needed Inventions" Patent Buyers, and "How to Get Your Patent and Your Money." Advice free. Randolph & Co., Patent Attorneys, Dept. 25, Washington, D. C.

## MISCELLANEOUS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**SHIP YOUR BROILERS TO THE COPEs,** Topeka.

**FARM LOANS IN KANSAS, NORTHWEST** Missouri and western Oklahoma. Ella Peacock, Topeka, Kan.

**HIGHEST PRICE PAID FOR WALNUT** timber on the stump. Write today. Stanley Wayman, Louisburg, Kan.

**KODAKERS! FILMS DEVELOPED FROM** 10c up. Prints from 3c up. Send for price list. Pennell's Studio, Junction City, Kan.

**WANTED TO RENT A KAW BOTTOM 80** acre farm between Silver Lake and St. Marys. Will pay cash rent. D., care Mail and Breeze.

**HARK! ARE YOU DEAF? THE RUNYAN** Bar Trumpet has been on the market over 15 years. Costs only \$2.50. Write for testimonials and free trial offer. Alfred C. Runyan, Baldwin, Kan.

**WANTED MORE DESIRABLE FARMERS** to locate among us on the best producing fruit, stock, dairy and agricultural lands in the famous Arkansas Valley lands. We have no lands for sale. Swink Commercial Club, Swink, Colo.

**BIG WESTERN WEEKLY SIX MONTHS** 10 cents. Biggest and best general home and news weekly published in the West. Interesting and instructive departments for young and old. Special offer, six months' trial subscription—twenty-six big issues—10 cents. Address Capper's Weekly, Dept. W. A-12, Topeka, Kan.

## Better Drainage at Osawatomic

H. B. Walker, state drainage engineer, addressed a meeting at Osawatomic recently, regarding the forming of a drainage district and methods for remedying conditions along the Marais des Cygnes River. The farmers present, practically all of whom were land owners, unanimously favored the plan presented and appointed a committee to work out further details for the district.

**SHETLAND PONIES** Mares, colts and stallions for sale. Henry Tangeman, Newton, Kansas.

**LIVESTOCK AUCTIONEERS.**  
**FLOYD CONDRAY, Stockdale, Kansas**

**R. L. Harriman, Bunceton, Mo.** Selling all kinds of pure bred livestock. Address as above

**ANIMAL PHOTOGRAPHY** and sketching; all kinds of farm animals. Write for prices. Harry Spurling, Taylorville, Ill.

**Spencer Young, Osborne, Kan.** Livestock Auctioneer. Write for dates.

**John D. Snyder** AUCTIONEER, successfully sells pure bred live stock, real estate and general sales. HUTCHINSON, KAN.

**WILL MYERS, Livestock Auctioneer** BELLEVILLE, KANSAS. Ask the breeders in North Central Kansas. FOR DATES ADDRESS AS ABOVE.

Livestock auctioneer. Write for open dates.  
**Jas. T. McCulloch, Clay Center, Kan.** References: I am selling for every year. Write for open dates.

**Be an Auctioneer**

Travel over the country and make big money. No other profession can be learned so quickly, that will pay as big wages.

**Missouri Auction School** Largest in the World. W. B. Carpenter, Pres. 818 Walnut St., Kansas City, Mo.

**Col. E. Walters** Skedee Oklahoma  
**W. B. Carpenter** 818 Walnut St. Kansas City, Mo.  
Sell your farms and city property at auction, as well as your pedigreed livestock. Write either for dates. Also instructors in—  
**Missouri Auction School**

**O. L. C. HOGS.**  
**Herd Boar For Sale** Gilts in farrow open. Pigs, pairs and trios. A. G. Cook, Luray, Kan.

**Pleasant Vale Herd O. I. C. Hogs** Tried sows bred for September and October farrow. Fall gilts for sale, open. Also a few fall boars. Spring pigs, both sexes. Chas. H. Snyder, Effingham, Kan.

**Kansas Herd Chester White Hogs** 50 pigs, both sexes, March and April farrow. Sired by the grand champion at Topeka last season. Eligible to registry in all associations. Write for descriptions and prices. **ARTHUR MOSSE, R. F. D. 2, LEAVENWORTH, KS.**

**Alma Herd "Oh I See" Hogs of Quality** A trial will convince you; anything sold from eight weeks on up. All stock shipped C. O. D. on receipt of \$10. Write for price list. **HENRY FEHNER, ALMA, MISSOURI**

**DUROC-JERSEYS.**  
**Duroc Boars and Gilts** September farrow \$30 each. Boar and gilt sale Nov. 10. **J. B. DUNCAN, FINCH, KA. (Shipping Point, St. George, Ia.)**

**Durocs, Tried Sows** Gilts, bred or open. 10 extra fine boars. **A. C. HILL, HOPE, KANSAS.**

**Duroc-Jersey Bargain Prices** 150 spring 150 piglets, Orinason Wender and Mo. Climax breeding, 20 gilts bred for fall farrow. **R. T. & W. J. GARRETT, Steele City, Nebraska**

**Immune Bred Gilts \$25 Each** Ten classy fall gilts, bred for September farrow, also bred sows. Large easy feeders, very best of breeding. Fall boars ready for service. **JOHN A. REED, LYONS, KANSAS**

**WOODDELL'S DUROCS** September and February boars for sale, priced to move at once. 65 early spring pigs, pairs and trios not related. **G. B. WOODDELL, WINFIELD, KANSAS**

**Immuned Durocs!** Plenty of spring boars and gilts. Best of breeding. Stock guaranteed. **F. J. MOSER, GOFF, KANSAS**

**WORKMAN**  
**DUROC JERSEYS!**  
Johnson Workman, Russell, Kan.

**TRUMBO'S DUROCS** Choice gilts, bred or open, sired by The Climax, by Climax A, out of the great sow, Doty; also a few fall boars. Spring pigs pairs and trios unrelated, priced reasonable, and satisfaction guaranteed. **Wesley W. Trumbo, Peabody, Ka.**

**Walnut Grove Durocs** One herd boar, also several other boars. Spring pigs, either sex, also booking orders for bred sows. The Man with the Guarantee. **R. C. Watson, Altoona, Kan.**

**We Make Good Cuts!** The Mail and Breeze has the most complete plant in Kansas for the making of first class half-tone engravings and zinc etchings. Particular attention given to livestock and poultry illustrations for letterheads, newspaper advertisements and catalogues. Our cuts cannot be excelled and are guaranteed satisfactory. Lowest prices consistent with good work. Write for information. **THE MAIL AND BREEZE, Topeka, Kan.**

**WHAT BREEDERS ARE DOING**

**FRANK HOWARD,** Manager Livestock Department.

**FIELDMEN.**

A. B. Hunter, S. W. Kansas and West Okla., 614 So. Water St., Wichita, Kan.

John W. Johnson, N. Kansas and S. Nebraska, 820 Lincoln St., Topeka, Kan.

Ed R. Dorsey, North Missouri, Iowa and Illinois, Cameron, Mo.

Jesse R. Johnson, Nebraska, 1937 South 16th St., Lincoln, Neb.

C. H. Hay, S. E. Kan., So. Mo. and E. Okla., 4204 Windsor Ave., Kansas City, Mo.

**PUREBRED STOCK SALES.** Claim dates for public sales will be published free when such sales are to be advertised in the Farmers Mail and Breeze. Otherwise they will be charged for at regular rates.

**Percheron Horses.**  
Sept. 13—John W. Wadill & Son, Brashear, Mo.

**Jacks and Jennets.**  
Oct. 15—Geo. Lewis & Son, Stahl, Mo.  
Nov. 15—W. H. Romjue, Atlanta, Mo.

**Shorthorn Cattle.**  
Oct. 18—E. E. Carver & Son, Gullford, Mo.  
Oct. 27—Henry H. Kuper, Humboldt, Neb.  
Oct. 28—E. E. Dowell & Son, Hiawatha, Kan.

**Holstein Cattle.**  
Nov. 17—Mott & Seaborn, Herington, Kan.

**Hereford Cattle.**  
Oct. 25-26—W. I. Bowman & Co., Ness City, Kan.

**Poland China Hogs.**  
Sept. 1—C. D. McPherson, Grantville, Kan.  
Sept. 22—L. R. McClarnon, Braddyville, Ia.  
Sept. 28—J. O. James, Braddyville, Ia.  
Oct. 5—Henry Fesenmeyer, Clarinda, Ia.  
Oct. 6—Steven Brown, Shambaugh, Ia., sale at Clarinda.

Oct. 7—Ed. W. Cook, Pattonsburg, Mo.  
Oct. 15—O. E. Clemenson, Holton, Kan.  
Oct. 18—E. E. Carver & Son, Gullford, Mo.  
Oct. 19—Sigel Brown, Reedsville, Mo.  
Oct. 20—A. F. Blinde and Geo. Brown; sale at Tecumseh, Neb.

Oct. 20—H. C. Graner, Lancaster, Kan.  
Oct. 21—H. B. Walter, Effingham, Kan.  
Oct. 22—Fred B. Caldwell, Howard, Kan.  
Oct. 26—Herman Groninger & Sons, Bendena, Kan.

Oct. 27—Fred G. Laptad, Lawrence, Kan.  
Oct. 28—T. E. Durbin, King City, Mo.  
Oct. 29—D. G. Gurnet, Pattonsburg, Mo.  
Oct. 30—J. E. Foley, Oroquoque, Kan., sale at Norton, Kan.

Nov. 3—Chas. M. Scott, Hiawatha, Kan.  
Nov. 3—J. L. Griffiths, Riley, Kan.  
Jan. 18—D. C. Lonergan, Florence, Neb.  
Jan. 21—A. F. Blinde and Geo. Brown; sale at Auburn, Neb.

Jan. 25—A. J. Swingle, Leonardville, Kan.  
Feb. 2—Fraser Bros., Waco, Neb.  
Feb. 3—H. J. Beall and Wisel Bros., Roca, Neb.

Feb. 4—J. A. Godman, Devon, Kan.  
Feb. 11—A. Nelson & Sons, Malcolm, Neb.  
Feb. 15—Herman Groninger & Sons, Bendena, Kan.

Feb. 15—H. C. Graner, Lancaster, Kan.  
Feb. 17—Ed Sheehy, Hume, Mo.  
Feb. 18—H. B. Walter, Effingham, Kan.  
Feb. 18—J. H. Harter, Westmoreland, Kan.  
Feb. 23—F. E. Moore & Sons, Gardner, Kan.  
Feb. 27—Ben Anderson, Lawrence, Kan.  
Feb. 29—E. M. Wade, Burlington, Kan.

**Spotted Poland China Hogs.**  
Sept. 23—Thos. F. McCall, Carthage, Mo.  
Oct. 6—H. T. Dickerson, Jameson, Mo.  
Nov. 2—Alfred Carlson, Cleburne, Kan.

**Duroc-Jersey Hogs.**  
Sept. 1—W. W. Oley & Sons, Winfield, Kan.  
Sept. 2—C. D. McPherson, Perry, Kan.  
Oct. 19—Geo. Klumfere, Holton, Kan.  
Oct. 27—Fred G. Laptad, Lawrence, Kan.  
Nov. 3—Martin Kelley, Verdon, Neb.  
Nov. 4—E. N. Getchell, Lamont, Kan.  
Nov. 8—E. N. Farnham, Hope, Kan.  
Nov. 17—J. U. Howe, Wichita, Kan.  
Nov. 18—Mott & Seaborn, Herington, Kan.  
Feb. 2—Martin Kelly, Verdon, Neb.  
Jan. 24—Geo. Briggs & Sons, Clay Center, Neb.  
Jan. 25—J. C. Boyd, Virginia, Neb.  
Feb. 11—J. H. Proett & Son, Alexandria, Neb.  
Feb. 24—J. M. Layton, Irving, Kan.

**Chester White Hogs.**  
Feb. 24—J. M. Layton, Irving, Kan.

**S. W. Kansas and W. Oklahoma** BY A. B. HUNTER.

Hutchinson State Fair, September 18 to 25, will no doubt afford greater attractions, taken as a whole, than any previous fair. With the boundless crops and the increasing interest in livestock, that has developed in the western part of the state of late years, Hutchinson State Fair is growing much in favor with the breeders throughout the country. The associations of the various breeds have liberally donated club money for special prizes at this fair. Although the Jersey Cattle Club's offer this year was not received in time to be published in the Hutchinson State Fair catalog, Secretary G. W. of the American Jersey Cattle Club writes, "I certainly want the money appropriated to your fair used, although received too late for publication in lists." The dairy breeds will be well represented as well as the various beef breeds of cattle. Every display, agricultural, horticultural, industrial, bids fair to be the greatest ever. The speeding contests, horse show and amusement features will fill in to make a week of education and recreation you have earned and cannot afford to miss. Come.—Advertisement.

**S. E. Kan., S. Mo. and E. Okla.** BY C. H. HAY.

A visit to the F. C. Crocker Duroc-Jersey farm at Filley, Neb., reveals the fact that Mr. Crocker is one of the most extensively Duroc-Jersey breeders to be found in the West. Mr. Crocker was one of the very

**DUROC-JERSEYS.**

**Rice County Herd Durocs** U need a boar—better buy him now. 7 fine Sept. boars, sired by Good Enuff's Chief Col. and Oley's Dream. From excellent dams. 80 spring pigs. Every hog immune. Write your wants today. **G. M. SHEPHERD, LYONS, KANSAS**

**Maplewood Duroc - Jerseys** For Sale: 20 fall boars by I Kan't Be Beat and 25 March boars by Geiman's Good Enuff by the 1914 grand champion, Good Enuff Again King. Every hog on farm immunized. Mott & Seaborn, Herington, Kan.

**Howe's Durocs** Sows and gilts strong in the best blood of the breed and bred to my good herd boars. I am now ready to book orders for early spring pigs, pairs and trios unrelated. Priced where you will buy and be pleased. **J. U. HOWE, Route 8, Wichita, Kansas.**

**DUROCS \$10** Baby boars \$10 February and March farrow, sired by Bell the Boy, the undated first prize winner at Kan. State, Tenn. State, and Interstate fairs, in 1914. This is the biggest boar we have ever used and a strong sire. A few fall gilts bred to Bell the Boy, turned by paying express one way. Call and see our herd and poultry farm. Half section fenced hog light with two big farrowing barns, modern equipment and up to date watering system. Bred from prize winners. 20 incubators and 7 colony brood-er stoves. 1000 young birds. Also **HOWLANDS SHOW-ING CATTLE.** Shipping points: Conway, McPherson, Modern. **R. W. BALDWIN, CONWAY, KAN.**

**HAMPSHIRE.**  
**Shaw's Hampshires** Boars ready for service. Spring pigs, either sex. Pairs and trios at reduced prices. All nicely belted. Satisfaction guaranteed. **WALTER SHAW, R. 8, Wichita, Kan.**

**HAMPSHIRE.** Best of blood lines, well marked pigs, pairs or trios, with young boar to mate gilts. Breeding stock at all times for sale. Satisfaction guaranteed. **S. E. SMITH, LYONS, KANSAS.**

**HAMPSHIRE.** 150 gilts and 4 boars, all registered Hampshires. Description guaranteed. **C. E. LOWRY, Oxford, Kan.**

**Hampshire Hogs** The large proliks type; best of breeding. Special prices on young boars. Breeding stock for sale. **ROY N. RUNYON, DECATUR, INDIANA**

**C. T. Drumm & Sons, Longford, Kansas.** Spring pigs Hampshires or Spotted Poland Chinas, either sex. Also a three-year-old Hereford herd bull. Address above.

**The Best Alfalfa Hog in America** The Hampshire hog develops more pounds in a given period than any hog when he has green feed as a part of his ration. **FREE LITERATURE AND PROGRESS OF THE HAMPSHIRE BREED.** Address **E. C. STONE, Secretary, HAMPSHIRE RECORD 703 E. Nebraska Ave., Peoria, Ill.**

**SOME \$300.00, your pick 19 head \$400.00, your pick 27 head \$500.00.** Bargains for summer buyers. Registered Percheron stallions coming 2, 3, 4 and 5 years old. Biggest and most useful moderate-priced selection in the country. Ten type, some medium, some 2200 lbs. Sound and from sound stock. Grandsons twice International Champion PINK and from BESIGUE mares doing farm work. Young registered mares also for sale. Just above Kansas City. The Fred Chandler Percheron Ranch, R. 7, Chariton, Iowa

**HEREFORD CATTLE.**  
**Willowbrook Farm Herefords** Yearling and two-year-old heifers for sale. Also a choice lot of young bulls. **B. M. WINTER, IRVING, KANSAS**

**HEREFORDS—POLANDS** Herds established 30 years. 125 Herefords, 80 spring pigs, and 18 bulls, 11 to 15 months old, for sale. **S. W. TILLEY, IRVING, KANSAS**

**Sedlacek Herefords** A choice herd bull, Real Mystic 372628 for sale. **JOS. F. SEDLACEK, BLUE RAPIDS, KAN.**

**PRESTON HEREFORDS** Herd established in 1881. Come to Marshall county for Herefords. Address F. W. PRESTON, Blue Rapids, Kansas

**Choice Two-Year-Old Bred Heifers** and a Feb. bull for sale. Also 10 spring bulls. Address, **GEO. E. MILLER, Blue Rapids, Kansas**

**B. E. & A. W. Gibson, Blue Rapids, Kas.** Breeders of Hereford cattle. For sale: a good 10 months old bull and some choice young bulls. Address as above.

**Home of Parsifal 24th** 150 head. Write me about a good herd bull. 25 spring bulls for this fall's trade. **C. G. STEELE, BARNES, KANSAS**

**FIVE YEARLING BULLS FOR SALE!** 12 spring bulls for the fall trade. For prices and descriptions address, Tom Wallace, Barnes, Kansas

**Wm. Acker's Herefords!** About 25 spring bulls for this fall and winter trade. Address **WM. ACKER, Vermillion, Kas.**

**Clear Creek Herefords—** Choice last March bulls for fall and winter trade. 80 breeding cows in herd. **J. A. SHAUGHNESSY, Axtell, Kan.**

**HEREFORDS** Big and rugged. Farm 3 miles out. **W. B. Hunt & Son, Blue Rapids, Kan.**

**DAIRY CATTLE.**  
**For Sale—4 Jersey Bulls** sired by Lorna, out of St. Lambert bred cows. Ready for service. **C. H. MILLS, Waterville, Kansas**

**2 Yearling Jersey Bulls** Grandsons of Silverline's Lad, out of 1180 pound cows. Best out of 80 Farmers prices. **Joseph Krasny, Waterville, Kan.**

**JERSEY BULL** By a grandson of Golden Fern's Lad, out of a 500 pound cow. Price \$30. Duroc-Jersey spring pigs for sale. **B. N. WELCH, Waterville, Kansas.**

**HOLSTEINS** Cows and heifers for sale. Registered and grade. Address **LACKLAND BROS., AXTELL, KANSAS**

**DUROC-JERSEYS.**

**Hilcrest Farm Durocs** 30 October boars and gilts for sale. Also spring pigs, both sexes at weaning time. Popular breeding and popular prices. Give me a trial order. **DR. E. N. FARNHAM, HOPE, KAN. (Dickinson Co.)**

**BANCROFT'S DUROCS** Everything on the farm properly immunized. No Public Sales. For private sale: fall boars, early spring boars and gilts. Reasonable prices on first class stock. **D. O. BANCROFT, Osborne, Kans. (Shipping Point Downs, Kans.)**

**HAMPSHIRE.** 150 gilts and 4 boars, all registered Hampshires. Description guaranteed. **C. E. LOWRY, Oxford, Kan.**

**Hampshire Hogs** The large proliks type; best of breeding. Special prices on young boars. Breeding stock for sale. **ROY N. RUNYON, DECATUR, INDIANA**

**C. T. Drumm & Sons, Longford, Kansas.** Spring pigs Hampshires or Spotted Poland Chinas, either sex. Also a three-year-old Hereford herd bull. Address above.

**HEREFORD CATTLE.**  
**Willowbrook Farm Herefords** Yearling and two-year-old heifers for sale. Also a choice lot of young bulls. **B. M. WINTER, IRVING, KANSAS**

**HEREFORDS—POLANDS** Herds established 30 years. 125 Herefords, 80 spring pigs, and 18 bulls, 11 to 15 months old, for sale. **S. W. TILLEY, IRVING, KANSAS**

**Sedlacek Herefords** A choice herd bull, Real Mystic 372628 for sale. **JOS. F. SEDLACEK, BLUE RAPIDS, KAN.**

**PRESTON HEREFORDS** Herd established in 1881. Come to Marshall county for Herefords. Address F. W. PRESTON, Blue Rapids, Kansas

**Choice Two-Year-Old Bred Heifers** and a Feb. bull for sale. Also 10 spring bulls. Address, **GEO. E. MILLER, Blue Rapids, Kansas**

**B. E. & A. W. Gibson, Blue Rapids, Kas.** Breeders of Hereford cattle. For sale: a good 10 months old bull and some choice young bulls. Address as above.

**Home of Parsifal 24th** 150 head. Write me about a good herd bull. 25 spring bulls for this fall's trade. **C. G. STEELE, BARNES, KANSAS**

**FIVE YEARLING BULLS FOR SALE!** 12 spring bulls for the fall trade. For prices and descriptions address, Tom Wallace, Barnes, Kansas

**Wm. Acker's Herefords!** About 25 spring bulls for this fall and winter trade. Address **WM. ACKER, Vermillion, Kas.**

**Clear Creek Herefords—** Choice last March bulls for fall and winter trade. 80 breeding cows in herd. **J. A. SHAUGHNESSY, Axtell, Kan.**

**HEREFORDS** Big and rugged. Farm 3 miles out. **W. B. Hunt & Son, Blue Rapids, Kan.**

**DAIRY CATTLE.**  
**For Sale—4 Jersey Bulls** sired by Lorna, out of St. Lambert bred cows. Ready for service. **C. H. MILLS, Waterville, Kansas**

**2 Yearling Jersey Bulls** Grandsons of Silverline's Lad, out of 1180 pound cows. Best out of 80 Farmers prices. **Joseph Krasny, Waterville, Kan.**

**JERSEY BULL** By a grandson of Golden Fern's Lad, out of a 500 pound cow. Price \$30. Duroc-Jersey spring pigs for sale. **B. N. WELCH, Waterville, Kansas.**

**HOLSTEINS** Cows and heifers for sale. Registered and grade. Address **LACKLAND BROS., AXTELL, KANSAS**

**HAMPSHIRE HOGS.**  
**Registered Hampshires** Choice Spring pigs, Pairs not related. Priced right and satisfaction guaranteed. **F. B. WEMPE, Frankfort, Kansas.**

**POLAND CHINA HOGS.**  
**Albright's Poland** For Sale, Jan. 10, 1916. 100 boars and gilts 15 last fall gilts, 24 March and April boars and gilts. **A. L. ALBRIGHT, WATERVILLE, KAN.**

**COPE LAND'S POLANDS** For Sale: 14 Sept. gilts bred to your order. 40 March and April pigs. Address **N. E. COPELAND, Waterville, Kansas**

**DUROC-JERSEY HOGS.**  
**Red Polls, Duroc-Jersey, and O. I. C.** hogs. Boars of both breeds at reasonable prices. Bred sow sale, Feb. 24. **J. M. LAYTON, IRVING, KAN.**

**10 September Gilts** bred for fall farrow, a few boars and gilts by Illustrators, 40 March and April pigs. **A. B. SKADDEN & SON, Frankfort, Kansas**

**W. J. HARRISON AXTELL, KAN.** Red Polled cattie, Duroc-Jerseys and white Leghorns. Breeding stock for sale. Correspondence invited.

**Bred Sows and Gilts** for Sept. and Oct. farrow. A nice lot of March and April pigs. Address **HOWELL BROS., HERKIMER, KANS.**

**FANCY POULTRY.**  
**Plymouth Rocks** Barred (Thompson strain) and white. Stock for sale. Eggs in season. Address **JOHN BYRNE, Axtell, Kansas**

**AUCTIONEERS.**  
**S. B. CLARK, SUMMERFIELD, KANS.** AUCTIONEER. Write or phone for dates, address as above.

**Jesse Howell, Herkimer, Kan.** of Howell Bros., breeders of Durocs and Herefords can make you money on your next sale. Write for dates.

**F. B. WEMPE, FRANKFORT, KANSAS** I specialize in Pure Bred Stock and general farm sales.

POLAND CHINAS.

Poland Pigs sired by grand champions and out of prize-winning sows. Same breeding I am offering for the San Francisco show. W. Z. BAKER, RICH HILL, MISSOURI

SPRINGBROOK POLANDS—D. S. POLLED DURHAMS Young stock for sale; some herd headers. Write for prices. T. M. WILLSON, Lebanon, Kan.

Big Smooth Poland Pigs bred by grand champions and out of prize-winning sows. Long Look and Black Orange head herd. LAMBERT BROS., SMITH CENTER, KAN.

Andrew Kosar, Delphos, Kan. For sale: One last fall yearling boar, two gilts to farrow in Sept. and Aug.; also March and April pigs, both sexes. No public sales. Address as above

Fairview Poland Chinas For sale: Choice fall boars; fit to head herds. Also select early spring pigs, both sexes. All priced to sell. F. L. WARE & SON, Paola, Kansas

Big Type Poland China Boars I am offering big, stretchy spring boar pigs at reasonable prices. Some of the best blood in Mo. Come and see them or write E. F. WOCKADAY, PECULIAE, MISSOURI

Elkmore Farm Poland Chinas Large type blood lines. Herd headed by the thousand pound Elkmore's Jumbo, assisted by O. U. Wonder, by Giant Wonder, by A. Wonder. Breeding stock for sale, reasonable. Fred B. Caldwell, Howard, Kan.

Enos Mammoth Poland Pigs 3 fall boars; herd headers. 6 of my very best herd sows, bred for early farrow by Mastodon King. 70 spring pigs; best I ever raised, by Orphan Chief and Mastodon King. Size, quality and prices just right. Write today. A. R. ENOS, RAMONA, KANSAS

Original, Big-Spotted Poland Pigs Fall gilts bred or open. Tried sows for sale. Spring pigs, either sex. Boar and gilt sale November 2. Alfred Carlson, Cleburne, Kansas

SHEEHY'S POLAND CHINA BARGAINS \$20 buys choice gilt or boar. Trios \$45. The best of big type breeding. Satisfaction guaranteed. ED SHEEHY, HUME, MO.

Erhart's Big Type Poland Pigs A few choice late fall males sired by Orphan Big Gun and Big Hadley Jr. Also a few late October pigs by the great 1300 pound Robidoux. Am now booking orders for spring pigs by these boars to be shipped in June. Send your order early. Address A. J. Erhart & Sons, Ness City, Kan.

Private Sale 75 big type Poland China boars and gilts of March farrow. Nothing but good ones offered. No public sales. Prices right. Address John Coleman, Denison, Ks. (Jackson County.)

MULE FOOT HOGS. Registered Mule Foot Hogs Large, growthy kind. Some choice stock for sale. Write for prices and particulars. Freeland & Hildwine, Marion, Kan.

BERKSHIRES. Hazlewood's Berkshires Spring boars, bred gilts—immune; priced to sell. W. O. HAZLEWOOD, WICHITA, KANSAS.

High-Class Berkshires Winter and spring pigs of either sex and outstanding boars a specialty. Write J. T. HAYES, YATES CENTER, KANSAS

Sutton Farm Berkshires The Greatest Winners of 1914

Winning at the five leading state fairs, Missouri, (inter-state) Iowa, Nebraska, Kansas and Oklahoma where are held the largest swine shows in the world—over 100 Championships, firsts and seconds, including Grand Champion Boar. Prize at each show on the 1000-pound DUKE'S BACON.

Herd headers, foundation stock and show yard material our specialty. Sutton Farm, Lawrence, Kans.

ABERDEEN-ANGUS. Aberdeen Angus Cattle Herd headed by Louis of Viewpoint 4th. 150624, half brother to the Champion cow of America. Johnson Workman, Russell, Kan.

ABERDEEN-ANGUS CATTLE Young stock sired by reliable herd bulls for sale, singly or in car lots. See our herd of cows and show herd at Lawrence or write us. Phone, Bell 8454. Sutton & Parsons, Route 6, Lawrence, Kan.

first breeders to adopt the plan of keeping everything immune and he continues to advise swine breeders everywhere to vaccinate. He finds ready sale for all of his tops and last season shipped 70 boars before the boar season had closed. During the winter months he sent out on orders 77 bred sows and gilts. Sales were made in eight states. This year's spring pig crop numbers 250 head. Watch for announcement about October 1.—Advertisement.

Watson Makes Special Prices.

There is only a very little time left in which to take advantage of the special 30 day offer of R. C. Watson. This is a real cut-price sale and an opportunity you do not have every day. If you have not noticed the special 30 day offer, it will pay you to look it up. You will find it in the Duroc column of this paper. The prices are quoted and Mr. Watson will guarantee the stuff to be right. We recommend this herd to any of our readers who contemplate buying Durocs.—Advertisement.

Moore-Montgomery County Holsteins.

Montgomery county seems bound to be the coming Holstein county of the Southwest. One of that county's pushing breeders is E. J. Castillo of Independence. Mr. Castillo has been giving the Holstein business close attention for the past four years and has developed a herd of very high class cattle. The herd is headed by Colantha Korandyke Maplecroft 2d 115572. He is out of Lilly Lou 3d, tracing to the champion, Lilly Alcarra. He is a fine, big, rugged 2-year-old and gives promise of becoming a great sire. Among the stock offered by Mr. Castillo is a calf from a fine cow who gave 9,000 pounds of 3 to 3 1/4 per cent milk in nine months, being with calf 7 1/2 months of that time. Another from a fine young cow that averaged 45 pounds of 4.4 to 4.8 per cent milk per day for the first month in milk. Another of the cows milked 11,600 pounds in 11 months, carrying a calf seven months of this time. The herd is absolutely free from tuberculous and one with a bright future. Mr. Castillo's card runs regularly in this paper and it will be to your advantage to look it up and write him when in need of a good Holstein.—Advertisement.

Treatment For Pink Eye

How can pink eye be treated? J. D. S. Waldo, Kan.

The treatment of pink eye in cattle is as follows: Separate the diseased from the healthy cattle, placing the former in cool, dark stalls, and wash their eyes twice daily with a 4 per cent solution of boric acid. In addition, they should be given sufficient Epsom salts, that is from 1/2 to 1 1/2 pounds, depending upon the size of the animal, to relax the bowels freely.

Frequently, after the inflammation or soreness has disappeared from the eyes, white spots will remain. These may be cleared up in many instances by blowing into the eye, not oftener than twice a week, about as much calomel as can be held on the point of the blade of a pocket knife. You should not use this remedy until all the soreness has disappeared. Dr. R. R. Dykstra. Kansas State Agricultural College.

More About Animal Nutrition

A lack of knowledge concerning the food requirements of farm animals is one of the limiting things with profits on many farms. That millions of dollars are wasted in feeding improperly balanced rations in Kansas is generally admitted; this is one of the more distressful things concerning the agriculture of the state. There must be a proper relation between the cropping system and the feeding of the farm animals for the best return of course, and this cannot be obtained unless the nutrition of the different kinds of farm animals is well understood.

There has been a great increase in the last few years in the amount of information available concerning livestock and its nutrition. This has been collected as a result of a vast amount of very careful experimental work. It is now made available by a new volume in that most excellent series of farm books published by the J. B. Lippincott company of Philadelphia. This is the Productive Feeding of Farm Animals, and it was written by F. W. Woll, one of the foremost specialists in animal nutrition in the world. It consists of 382 pages and 96 illustrations. The effort has been to present the principles of feeding farm animals in a logical and profitable way. The book is written in a very interesting style, and it can be read with profit by every farmer who desires to get a better feeding system for his animals.

Holmes Goes to Cowley

J. C. Holmes became county agent of Cowley county August 1. Mr. Holmes is a graduate of the Kansas State Agricultural college of the class of 1912. The first year after graduation he taught at the Southern Kansas academy at Eureka, Kan. Since 1913 he has been manager of a 2,200-acre farm in Greenwood county.

Kansas State Fair
By the State Board of Agriculture
Hutchinson, Sept. 18-25
The great agricultural and livestock event of the year—the natural meeting place of the breeder and buyer—The Exposition of our diversified industries—Free attractions of the highest class—Something doing all the time—Fine music day and night—Horse show 4 nights—Great racing—good time.
Educational, Inspirational, Recreational
Special trains and extra equipment on all railroads. One freight rate for round trip on all exhibits. 17 general departments—\$40,000 in prizes. Everybody is interested, invited to exhibit and welcomed.
Send for prize catalogue.
H. S. THOMPSON, President. A. L. SPONSER, Secretary.

RED POLLED CATTLE. FOSTER'S RED POLLED CATTLE Write for prices on breeding cattle. C. E. FOSTER, R. R. 4, Eldorado, Kansas.

RED POLLED BULLS January and February calves, by Paul 94116 out of Tip 26706 and June 26834. Big, lusty, heavy boned, dark red fellows, of best milking strains and good enough to head any herd. J. A. HAMILTON, GREELEY, KAN.

RED POLLED CATTLE BEST OF BLOOD LINES and cattle that will please you. Cows, heifers and young bulls, at attractive prices. I. W. FULTON, MEDORA, KAN.

Riley County Breeding Farm 75 Red Polls, 45 Percherons A choice lot of young bulls for sale. 12 of them by a son of Ormo, the 18 times champion. Visitors welcome. Farm near town. Address Ed Nickelson, Owner, Leonardville, Kansas

POLLED DURHAMS. Double Standard Polled DURHAMS Six yearling bulls. A number of under yearling bulls. 2 good French draft stallions and some Jacks. C. M. HOWARD, Hammond, Ks.

GALLOWAYS. CAPITAL VIEW GALLOWAYS Bulls from 6 months to 2 years; also a few females of modern and quick maturing type. G. E. Clark, Topeka, Kan.

HEREFORDS. Registered horned and double standard polled Hereford Bulls For Sale Also a few horned heifers. JOHN H. LEWIS, LEWIS, KAN.

SHORTHORNS. Shorthorn Bulls For Sale! Six heifers, two-year-olds. Reds and roans. L. M. NOFFSINGER, OSBORNE, KANSAS

Pure Bred Dairy Shorthorns Double Merry (Flatrock strain) and Rose of Sharon families. Registered Poland Chinas. Breeding stock for sale. Address R. M. ANDERSON, Beloit, Kansas

Shorthorn Bull Fine roan, 14 months old, Pure Scotch. C. E. HILL, Toronto, Kansas

DAIRY CATTLE. Some of the best Holstein breeding stock can be purchased at the TREDICO FARM, KINGMAN, KAN. PRODUCTION, BREEDING, Tuberculin Tested Herd

LOOKABAUGH'S SHORTHORNS 300 HEAD FROM WHICH TO SELECT BULLS, a single herd header or car load, cows and heifers, foundation stock from the very best families and strong in the blood of the most noted sires. Satisfaction guaranteed. Write or wire today when you will come. H. C. LOOKABAUGH, WATONGA, OKLAHOMA

DAIRY CATTLE. HOLSTEINS A few choice registered young bulls for sale at prices that are right. Higginbotham Bros., Nowata, Kansas.

HOLSTEINS Bull calves better than the common run. Two ready to use. H. B. COWLES, TOPEKA, KANSAS.

HOLSTEINS Choice pedigreed young bulls from high producing cows. One ready for use. E. J. Castillo, Independence, Kans.

JERSEYS Car load of heifers fresh and heavy springers. CHAS. H. REDFIELD, Becklin, Kan.

Holsteins For Sale high bred registered bulls ready for service. H. B. ANSPACKER, JAMESTOWN, KANSAS.

Holstein Heifers For Sale One to two carloads of high bred two-year-olds, fresh this fall. O. E. TORRES, Towanda, Kan.

QUIVERA PLACE JERSEY CATTLE Duroc-Jerseys. 2 young bulls of choice breeding for sale. Address E. G. MURSELL, Herington, Kansas

MAPLEWOOD HOLSTEINS Herd headed by Canary Butter Boy King. You are invited to visit our herd of Holsteins. Write for general information, as to what we have for sale. Mott & Seaborn, Herington, Kansas

Bonnie Brae Holsteins! A few registered cows and heifers; high grade heifers and cows, also registered bulls. IRA BOMIG, Sta. B, TOPEKA, KANSAS

JERSEY COWS AND HEIFERS One car load for sale; fawn colored. Owner wants to close out dairy stock. I also have two bulls 14 months old. R. E. HODGINS, TOPEKA, KANSAS

Sunflower Herd of Holsteins Limited number bred cows and heifers safe in calf to our two great herd sires. A few bull calves. Cattle of quality, no culls. Address F. J. SEARLE, OSKALOOSA, KAN.

Holstein Cattle Herd headed by a grandson of Fentice Korndyke. Average record of dam and sire's dam, butter 7 days, 23.4 pounds, 30 days 117.3 pounds. Bull calves for sale from extra good producing dams. T. M. EWING, INDEPENDENCE, KANSAS

Maplehurst Guernseys! Choice registered and grade cows and heifers for sale. A registered herd bull for sale or trade. A. F. BURDICK, NORTONVILLE, KANSAS

LINSCOTT JERSEYS Premier Register of Merit Herd, Est. 1878. For sale at farmers' prices noted Golden Fern, herd bull of proven quality. Greatest official butter tests. R. J. LINSCOTT, HOLTON, KANSAS

PURE BRED HOLSTEINS Bull calves all sold. We have 10 or 12 high grade cows and heifers that we will sell. These are all first class. Selling to make room for purebreds. SHULTHIS, ROBINSON & SHULTZ Independence, Kansas

# Girod's Holstein Cattle

## 225 Head From Which to Select

### If You Want Registered or High-Grade Holsteins We Can Please You

150 cows and heifers safe in calf to bulls strong in the blood of the best milking strains.

3 High Grade Holstein heifers and a registered bull for \$375; others cheaper.

2 Registered cows in milk and fresh this fall with registered bull, \$600.

If you want dairy cattle come and let us show you the kind you have been looking for and at prices you can well afford. Tuberculin tested and health certificate with each animal.

Bring your neighbor along, or two or three neighbors and let us fit you out with a carload at carlot prices. Bring your dairy cattle expert. The better judge you are of Holsteins the easier we can deal. These cattle must sell, they are priced to sell; come and get first choice.

## Clyde Girod, Towanda, Kan.

Registered bulls from calves to 24 months old. The grade females of this herd are most all crossed and re-crossed with purebred bulls until practically pure in the great strains of milking Holsteins.

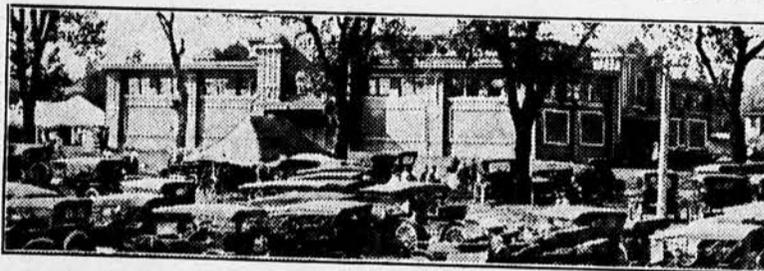
Special and very attractive prices on young heifer calves.



# KANSAS STATE FAIR

ASSOCIATION  
SAML E. LUX, PRESIDENT AND MANAGER

## TOPEKA, SEPT. 13-14-15-16-17



## THE BIG FAIR AT TOPEKA IS FREE

The gates of the Kansas State Fair Association at Topeka will stand open September 13, 14, 15, 16 and 17, 1915, for the first Big Free Fair held in the United States. The beautiful eighty-six acre fair ground, all of the twenty-four permanent buildings, and every exhibit will be open free to the public day and night.



THE BIG FREE FAIR

The citizens of Topeka and Shawnee county voted a special tax to pay the premiums of the Big Free Fair. The Kansas Legislature made a direct appropriation.

Topeka bids every Kansan welcome to the Capital City. Rooms in private homes are listed. Information bureaus, rest rooms, nurseries and play grounds provided.

### PREMIUMS PAID BY THE CITY, COUNTY AND STATE



### \$45,000 IN PREMIUMS, PURSES AND PRIZES

Barns and pens for 2,100 head of show stock. Entire building devoted to auto show. Forty thousand square feet of displays in Agricultural Hall. Individual, Grange and County agricultural exhibits. Beautiful art and textile displays. Big culinary section. Model kitchen. Domestic Science, Child Hygiene and Home Handicraft demonstrations daily. Model nursery and play ground. Sunday School exhibit.

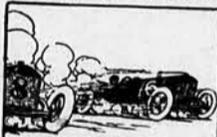
### 400 Entries in Trotting and Pacing—Running Races Daily



Four days' racing, Monday, Tuesday, Wednesday and Thursday, on the fastest half-mile track in the West. Twelfth Kansas Derby Tuesday. Thousand dollar trotting and pacing stakes. Largest number of entries of any race meet in the West.



### Thrilling Automobile Races — Daring Monoplane Flights



Professional speed kings and their famous world record breaking racing cars will compete for \$3,000 purses at the Big Free Fair Friday afternoon. Military monoplane flights over fair grounds in full view of the crowds daily. Demonstration of aerial scouting.



### Exciting Polo Played on Ponies — Beautiful Horse Show



Harness and high school horses, fancy hitches, elaborate turnouts, coaches, four-in-hands from the finest private stables that win at Boston, New York, Chicago, St. Louis, Detroit. One thousand dollar saddle horse championship.



### Mammoth Live Stock Exhibits—Fifteen Acres of Machinery Tractor Demonstrations — Actual Plowing of 100 Acres BIG DAIRY SHOW—BUTTER FAT CONTEST—THE 100 PER CENT DAIRY HERD



### THE GREAT LIVE STOCK, AGRICULTURAL AND INDUSTRIAL EXPOSITION FAIR GROUNDS 7 BLOCKS FROM STATE CAPITOL

Every day a big day. Three Concert Bands. Big Wild West Show. Original Georgia Minstrels. Motordrome. Special Shetland Pony Show. Giant Carousel. High-class Vaudeville and Big Feature Acts. Grounds and buildings brilliantly illuminated by electricity.

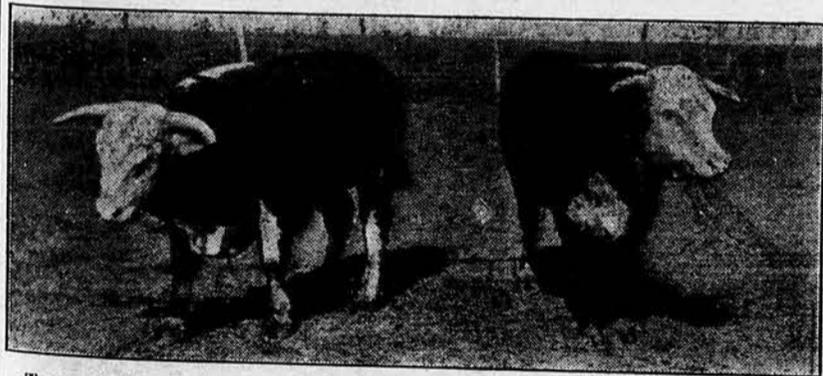
SPECIAL SERVICE ON ALL RAILROADS  
The First Big Free Fair To Be Held in the United States

# Bowman & Co.'s HEREFORDS

100 HEAD At Auction Oct. 25 - 26

Ness City, Kan.  
750 Head Purebred

Send Your Name Early For Catalog



Two of the Kind to be Seen on the W. I. Bowman & Co.'s Ranch, Ness City, Kan.

The foundation of this herd came from the best of the breed and were selected for their quality, size, bone and scale. Most all trace to Anxiety 4th, through such great sires as Don Carlos and Beau Brummel or through the best breeding sons of these two great sires. Just because we are located at Ness City instead of North or East, please do not get the idea these cattle are not good enough for you. If you are from Missouri we can "show you," or any other state for that matter, and when we show you you will want some of them if you want good Herefords.

Mr. Hereford Breeder, if you want more or better Herefords we invite you to visit us.

Mr. Farmer and Mr. Ranchman you are also invited.

Those who have good pastures and grazing land, here is your opportunity for foundation Herefords and if you are thinking of starting a herd of White Faces write us today and we will be glad to tell you full particulars regarding our herd.

## W. I. Bowman & Co., Ness City, Kan.



## City and country unite in unqualified endorsement of The Eight-Cylinder Cadillac

**I**N the cities of the nation, the Cadillac is firmly established as the highest known standard of motor car efficiency.

And precisely the same process that brought the cities to this conclusion is at work in the country.

Cadillac reputation began to travel from the town to the farm years ago.

It has swelled in volume with each succeeding season.

The production of the V-type Eight Cylinder Cadillac brought it to a climax both in the city and in the country.

The intensely interesting thing about Cadillac reputation is that no one questions it.

There may have been a time in the early days of the industry when a few people asked if the Cadillac was as good a car as some cars which sold for very much more money.

Now, wherever you go, the situation is exactly reversed.

The only question asked now is whether the cars of highest price are as good as the Cadillac.

No matter how far away you may travel from the centers of business activity—the good reputation of the Cadillac has preceded you.

It makes no difference what car a man owns—he gladly concedes the superiority of the Cadillac.

More Cadillacs were sold to farmers last year than in any one year of its history.

A great many of the most successful Cadillac dealers get the greatest bulk of their business from the farm.

All of this proves conclusively that the farmer—like his city brother—has learned to discriminate in buying his motor car.

He no longer stops short at the subject of price—but looks beyond. He looks at the question of long life, of increased and continuous comfort, of higher market value when he comes to buy a new car.

And, of course, in each and every one of these respects the superiority of the Cadillac is universally admitted.

It is admitted to be the car of longer life and of higher market value when sold at second hand.

And it is unquestionably the car of greatest continuous comfort—because, by the production of 13,000 cars, it has brought the V-type eight-cylinder engine to its highest point of development.

That this wonderful engine does produce a greater degree of continuous comfort—in fact, a quality of comfort unknown until it was perfected by the Cadillac Company—is now a matter beyond argument.

It does not call for discussion—because the most inexperienced motorist can see the difference in the quality of the Cadillac performance before he has driven the car a mile.

As far as the Cadillac Company is concerned, there is no element of experiment in the V-type eight-cylinder car.

The past season, with its production of 13,000 cars of this type, has been the most brilliantly successful which any motor car company has ever known.

Never was any car deluged with such a flood of enthusiastic endorsements from its owners.

The tributes which it has received have echoed around the world.

If it had been possible to attain a production of twice 13,000 cars, America would have absorbed them all.

And the tributes which have been paid to it have covered every possible point of motor car performance.

They have testified to its unequalled smoothness and silence and simplicity of operation.

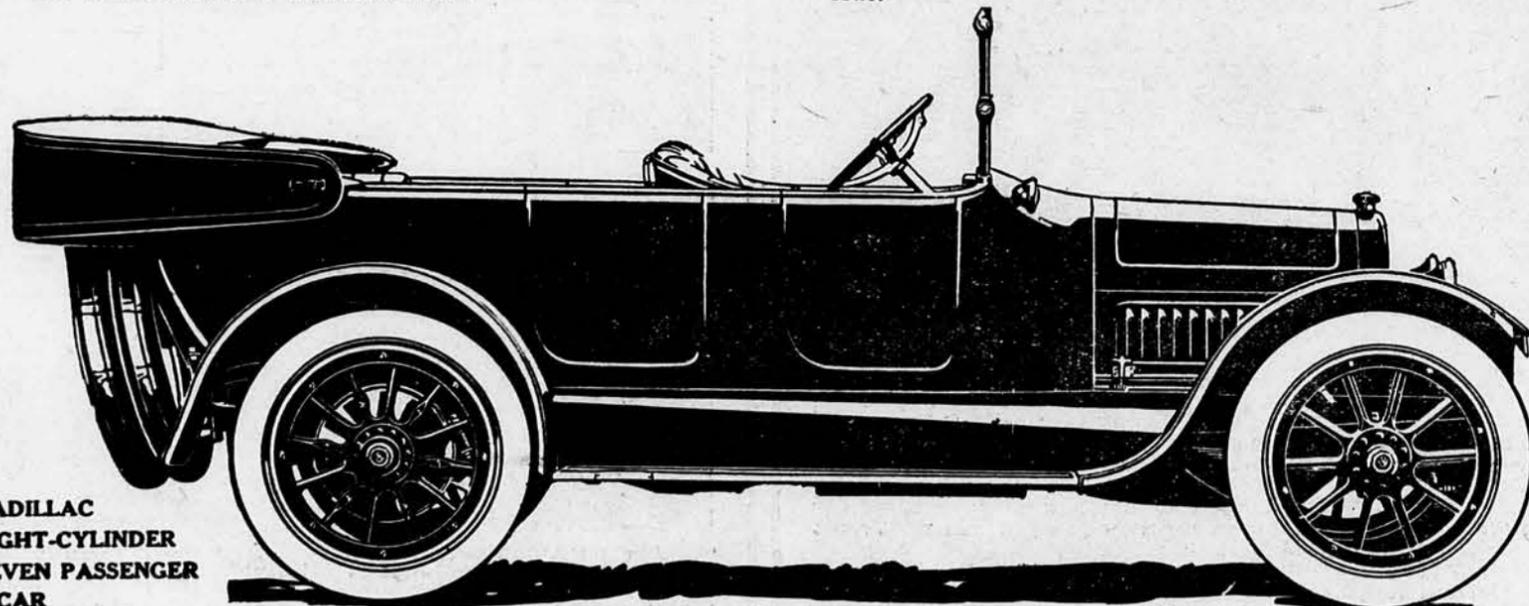
They have produced overwhelming evidence of its ability to climb hills with such ease that those in the car are scarcely aware that it is climbing at all.

They tell of wonderful powers of endurance; of new elements of mental and physical rest and relaxation.

They proudly bear witness to the fact that the Cadillac possesses every virtue that a motor car could possibly possess.

Yet when you ride in it, you are certain to be convinced that these tributes fall far short of describing the actual performance of the car.

Get in touch with your Cadillac dealer, and arrange for your ride.



**CADILLAC  
EIGHT-CYLINDER  
SEVEN PASSENGER  
CAR  
PRICE \$2080  
F. O. B. Detroit**

If you are not acquainted with the Cadillac dealer in your locality, write to us for his name and address.

**Cadillac Motor Car Co. Detroit, Mich.**