

# KANSAS FARMER AND MAIL & BREEZE

Volume 59

May 7, 1921

Number 19

## Freight Rates and the Farmer

By Edgar Clark

Chairman Interstate Commerce Commission.

**I**NDUSTRIES are entirely inter-dependent. If the Florida man did not grow oranges, the railroad in the orange belt would be of no value. If he did not have the railroad, his orange trees would be of no commercial value. These matters must be studied not only from the standpoint of the present—the question of the movement of the crops of this year—but next year and future seasons also must be considered. It is in the interests of the railroad that the fruit grower and the farmer should raise the largest crops possible, and should find a market for these crops. It is in the interests of the growers that there shall be efficient, well equipped railroads, able to provide a reasonable, adequate service when needed.

The California lemon grower is unable to sell his lemons in the East at prices that will pay him to produce, pack and ship his fruit. At first he blamed the freight rates, but as he looked further into the situation he found that the reason for this is the fact that the Sicilian lemon growers were selling their lemons in this country at \$1.25 a box. The Sicilian grower has this advantage—he can take that \$1.25 in our money back to Italy and it immediately is changed into a \$5 bill. So in this particular instance the only way in which the California lemon grower can successfully compete is thru the levying by Congress of an import tax that will give him a reasonable degree of protection. Then it may be that within a few years or a short time it will be possible to reduce that import tax.

### And Consumers Paid High Prices

I don't wish to be understood as saying that I favor the growers taking advantage of the consumer. That isn't the great difficulty. The difficulty is the wide difference between the price the grower gets and the price the consumer pays. We have made it our business to inquire considerably out of our line in order to get a correct understanding of the situation. We have had complaints about the rates on fruits and vegetables in great numbers, and we have studied the situation as far as we have been able. For instance, there were complaints on the rates on spinach from the South.

The facts are that the retail dealer in New York is paying just half what he paid last year, but his price to the consumer is identical with that of last year. Obviously the freight rate in that case is not what is preventing the grower from getting the price he got last year, and under those conditions we do not see where a reduction in freight rates would benefit the grower. This is because those who control the market will not pay any more than they are compelled to pay.

The farmer is back to almost pre-war conditions so far as the price he gets for his wheat is concerned, but we are paying about the same price for the same loaf of bread. I mention these things to show that all of the trouble does not lie with the freight rates.

We produce and we must continue to produce large volumes of agricultural products in excess of what can be consumed in this country. We must find markets for the surplus in other countries, and we must do that in competition with products of the same kind in other parts of the world.

Not long ago the cotton growers received 42 cents a pound for cotton, now it is about 12 cents. That isn't because there is any great reduction in the price of cotton goods to the American people, but because the principal market for that cotton has disappeared temporarily.

Something has been learned from the experience of recent years with regard to the question of transportation. The serious war conditions were the cause of largely increased expenditures for the operation of



railroads, including very large increases in compensation to their employees. Before the war the general average of operating expenditures was about 65 per cent of the revenue. Now it is a little over 92 per cent. When I say the operating expenses I mean the actual expenses paid out for the operation of the railroad—the more substantial items being wages of employees, fuel, maintenance of way and maintenance of equipment.

As soon as the railroads were taken over by the Government during the war the operating expenses began to climb. The question of compensation of employees came up. A commission was appointed by the Director-General, and it recommended increases that aggregated very large sums of money, and these increases were retroactive for some time before the decision was handed down. Shortly before that the Director-General made what might

be termed a 20 per cent increase in rates. This was effective about half of the year, and the increase in wages was effective thruout the year. The result was a deficit. The increase in wages went on, but no further increase in rates was made, with the result that the Government paid out of the Treasury very large sums to make up the deficit in the course of operating.

After the return of the railroads to the owners there was a period of six months during which the Government guaranteed them against any heavier losses, and it was understood by everybody that there would be a general readjustment of the rates. That was undertaken in a careful, methodical way. At first it appeared that there would be no occasion for increase in passenger fares, but an increase of 30 per cent in freight rates which would produce the desired revenue. However, after careful consideration, more increased wages were awarded, which necessitated a recasting of figures and an increase of passenger fares.

### A Sharp Decline in Income

For the first two or three months after these rates became effective it appeared as if everything would work out as had been anticipated. Then the volume of business began to drop off and the ratio of expenses to income began to increase. There are not more than 10, and perhaps not more than six individual roads that are earning the interest on their bonds. About half of the railroads are failing to earn their operating expenses and taxes.

During the year ending December 31, 1917, a little more than 42 cents out of every dollar earned by the railroads was paid in compensation to employees. The amount thus paid during the year ended December 31, 1919, was 42 cents and during the year ended December 31, 1920, 60 cents.

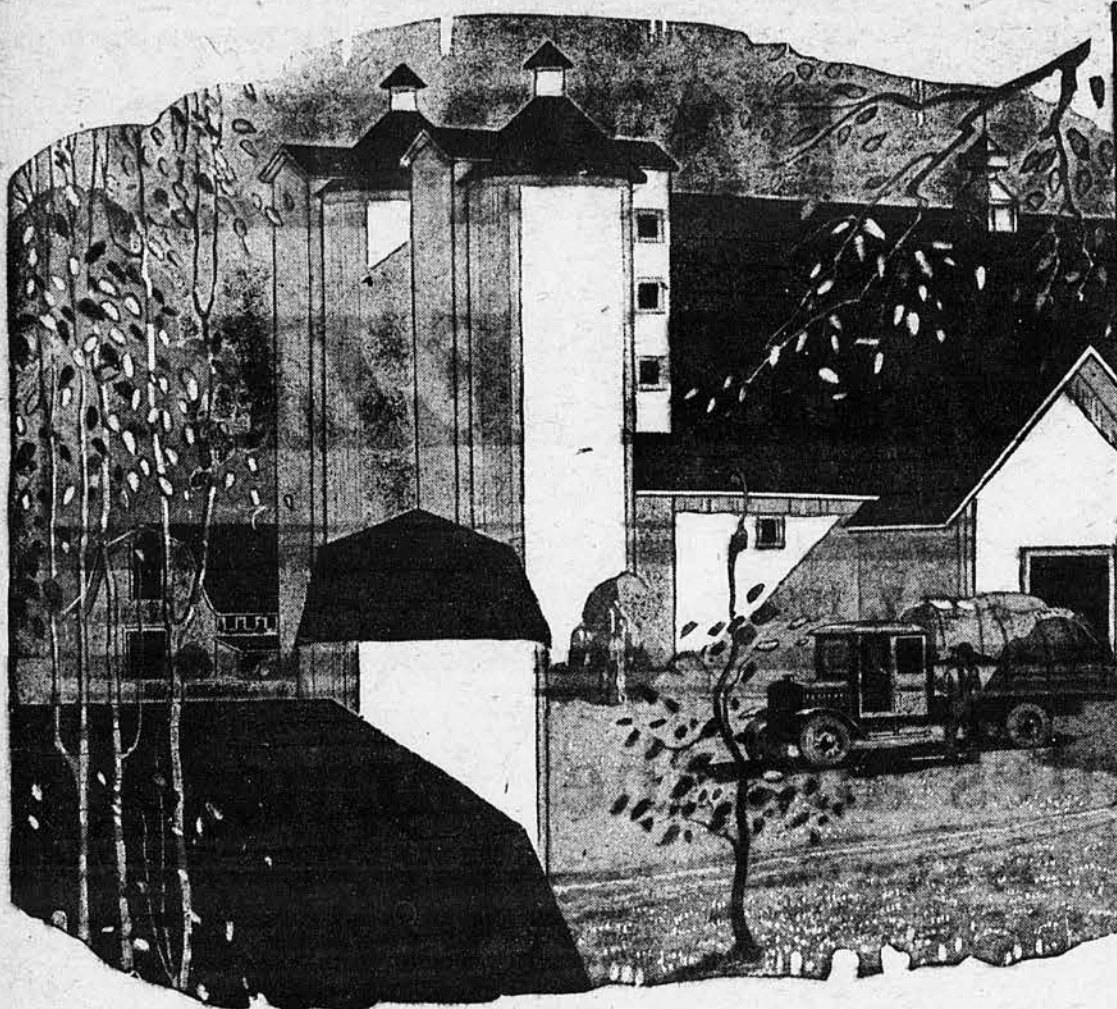
When the facts in regard to the railroad situation are considered carefully, it is evident that there is a big need of a real vision of the country if the problem is to be worked out properly.

There must be exact justice for the general public and for the railroad employees and owners. The three classes must be considered, and a decision arrived at which will allow an adequate development of railroads. Some additional mileage is necessary in certain sections, and agriculture will never make the greatest progress there until this is built. We must work out a future for the railroads which will make it possible for us to construct these additional lines.

All classes are thinking more clearly in regard to transportation problems than in any past era; especially farmers. This is a good thing. From this study will come the changes in policy, legislation and business methods in the future which will make efficiency possible.







## Are Your Roofs a Protection or a Menace?

The greatest danger of fire lies in its spreading from one building to another—particularly in the case of structures roofed with wooden shingles. If one building catches fire, sparks and burning embers falling upon nearby roofs may turn a small blaze into a serious fire.

Barrett Everlastic Roofings minimize this fire hazard. The popular low-priced, plain-surfaced form—Everlastic "Rubber" Roofing—is highly fire-resistant. Falling sparks or hot cinders may char it in spots, but they cannot set it on fire.

The beautiful red or green Everlastic Single Shingles, Multi-Shingles and Slate Surfaced Roll Roofing have the additional protection of a surface heavily coated with real crushed slate. And yet they cost less than ordinary, inflammable wooden shingles.

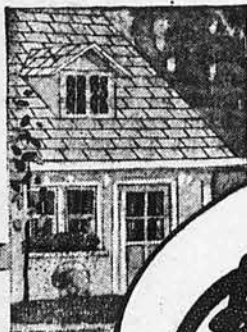
Fire-resistant, waterproof, easy-to-lay. Durable, economical, beautiful. What more can you ask of a roofing?

It will pay you to look for the Everlastic name when you buy

The *Barrett* Company



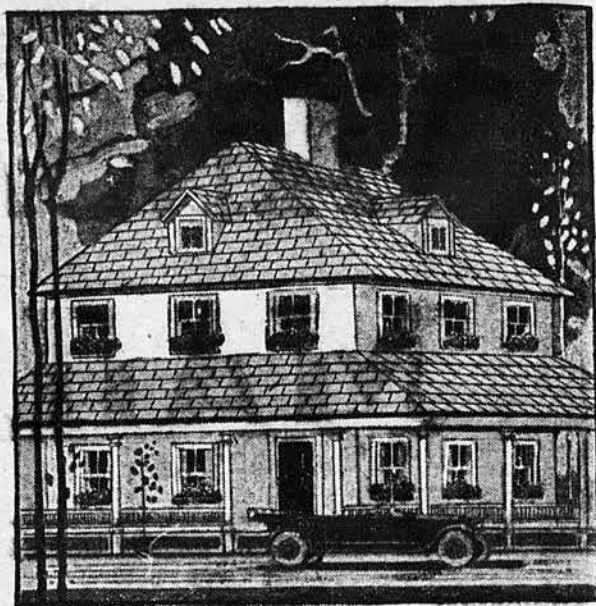
Illustrated booklets  
free on request



New York	Chicago	Philadelphia	Boston	St. Louis	Cleveland	Cincinnati
Pittsburgh	Detroit	New Orleans	Birmingham	Kansas City	Minneapolis	Dallas
Nashville	Syracuse	Seattle	Peoria	Atlanta	Duluth	Salt Lake City
Bangor	Washington	Johnstown	Lebanon	Youngstown	Milwaukee	Toledo
Columbus	Richmond	Lafayette	Bethlehem	Elizabeth	Buffalo	Baltimore
Omaha	Houston	Denver	Jacksonville			

THE BARRETT COMPANY, Limited: Montreal Toronto Winnipeg Vancouver  
St. John, N. B. Halifax, N. S.

*Barrett  
Everlastic  
Roofings*



An attractive roof adds greatly to the appearance of the home

## The Everlastic Line

### Everlastic "Rubber" Roofing



A recognized standard among "rubber" roofings. Famous for its durability. Made of high-grade waterproofing materials, it defies wind and weather and insures dry, comfortable buildings under all weather conditions. Nails and cement included.

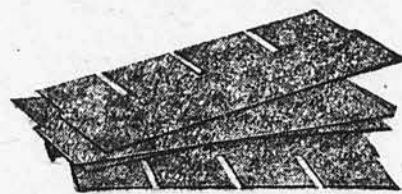
### Everlastic Slate-Surfaced Roofing

A high-grade roll roofing, surfaced with genuine crushed slate, in two natural shades, red or green. Needs no painting. Handsome enough for a home, economical enough for a barn or garage. Combines real protection against fire with beauty. Nails and cement with each roll.



### Everlastic Multi-Shingles (Four-Shingles-in-One)

Made of high-grade, thoroughly waterproofed felt, and surfaced with crushed slate, in beautiful natural slate colors, either red or



green. Laid in strips of four shingles in one at far less cost in labor and time than for wooden shingles. Give you a roof of artistic beauty worthy of the finest buildings, and one that resists fire and weather. Need no painting.

### Everlastic Single Shingles



Made of the same durable slate-surfaced (red or green) material as the Multi-Shingles, but cut into individual shingles, 8 x 12 1/4 inches. Laid like wooden shingles but cost less per year of service. Need no painting.



# KANSAS FARMER and MAIL & BREEZE

May 7, 1921

Arthur Capper, Publisher

Vol. 59 No. 19

## Squeezing Out the Feeders

*The Investment in Breeding Herds in Kansas Also is Reduced Heavily Because of Credit Tightness and High Freight Rates*

By Ray Yarnell

INVESTMENT in feeding herds, representing ultimate beef production, has been reduced 65 per cent from the 1920 average in 22 widely scattered Kansas counties. In four counties the reduction has been heavy; in five, slight; in three, no reduction. The greatest reduction reported is 90 per cent and the lowest 25 per cent. Twelve counties report 75 per cent decrease and six report 50 to 60 per cent.

Basing conclusions on those figures it apparently would be safe to say that the investment in feeding herds of cattle in Kansas has been reduced at least half from the 1920 average, and that unless a change occurs beef production will be affected proportionately. That is definite curtailment of production, but it is forced, and is not a willing curtailment. Back of it is inability to obtain easy credit or fair interest rates. Another contributing cause is what farmers term excessive freight rates which make it impossible either for a feeder to ship cattle into the state with any chance of finishing them at a profit, or of shipping them to market after they are finished with a chance of breaking even or showing a slight return. These two causes are operating to the material disadvantage of the farmer despite the fact that prices of feeds are lower and wages are reduced. Another factor, and an important one, is the high cost of marketing, including increased charges for yardage and higher commissions for selling. The beef cattle industry has been given a terrific blow during the readjustment period, and several years of fair prices and costs will be required again to put it on its feet.

### Breeding Herds Are Affected

Likewise breeding herds have suffered largely from the same causes. Twenty counties, also widely scattered, report an average reduction in investment in breeding herds of 58.5 per cent from the 1920 average. Four counties report a heavy decrease and two others a small decrease and five say that no reduction has occurred. The lowest per cent of decrease reported is 25 and the highest 85. Eight counties report a decrease of 75 per cent or more and five a decrease of 50 per cent.

Credit is the important factor in this situation, inability to obtain loans operating to keep farmers from starting breeding herds and to force other farmers to reduce the number of animals held in order to liquidate obligations coming due. This injury to the breeding business is of major importance because a reduction in these herds immediately affects beef production by limiting the number of cattle available for feeding when conditions right themselves. Its seriousness, generally, has been underestimated.

To obtain authentic information on this and other subjects of first importance to farmers, a questionnaire was submitted to every county agent in Kansas. Thirty-six replies were received. The county agents answering are evenly distributed thru the state and their replies therefore are representative of conditions which prevail in Kansas.

The answers do not represent the opinions of the county agents but the sentiment of farmers in their counties as expressed publicly or privately. The information, therefore, may be considered as a cross section of the opinion of Kansas farmers on the major questions affecting agriculture.

Widespread interest in co-operative grain marketing is revealed by the reports with sentiment apparently fairly well crystallized in favor of a genuine trial of the marketing plan proposed by the Committee of Seventeen.

Many farmers fear it will be impossible to organize a marketing machinery before the next harvest that will prevent the losses generally expected. Grain growers point out that high labor, machinery and seed costs, incurred before the break in prices last fall when the crop was planted, will make it nearly impossible for wheat to yield a profit in 1921 unless there is a material increase in price which is not anticipated. One other chance for a profit depends on a heavy yield, lower wages, reduced harvesting costs and lower freight rates.

Farmers in seven counties expect lower prices for wheat, probably below \$1, with little chance for profit. In six counties farmers expect to make a small profit. Reports from 11 counties say the situation is bad and that farmers are discouraged. Farmers in five counties are planning to curtail acreage and one report states that some farmers may not harvest the wheat crop unless the situation improves.

Inquiry regarding the wheat holding movement elicited the information that farmers in 28 counties consider the plan a failure, altho some do not go to the extent of calling it a failure, compromising with "unsatisfactory" or "a mistake." Most of them appear unwilling to try it again without some supplementary marketing organization

More interest in co-operative effort, both selling and buying, is reported by 27 counties while five say there has been no increase and four do not answer. The reports show sentiment for co-operative stores in 17 counties and against them in 11. Co-operative elevators are strongly supported by farmers in 29 counties.

Questioned as to whether community work is easier, 24 county agents replied that it is; five say it is more difficult; five report no change and two do not answer.

Statements by county agents indicate that interest in co-operative activities constantly has been increasing and that the number of farmers now taking part in these movements is greater. This is true particularly of selling agencies. Interest is no greater in co-operative buying enterprises. On the contrary some county agents state that in several counties sentiment is against co-operative buying. The general opinion among farmers seems to be that co-operative effort should be centralized on the more efficient marketing of farm products and until this is accomplished it will be well not to distract attention by entering the buying field on a large scale. Many co-operative stores now exist. No intention to abandon these or to give them less support exists. It would have been very unfortunate

23 reports stating that farmers are "sore." The attitude of others is described in one report as "hurt," in another as "indifferent," in a third as "discouraged" and seven reports reveal "some resentment."

Freight rates are dealt with in detail as this question is considered of major importance by most farmers, particularly in those regions where much livestock is raised and where hay is a principal crop. Today there are thousands of stacks of alfalfa and prairie hay in Kansas, unmarketable, farmers say, because of the excessive freight rates to consuming centers. Transportation charges often amount to more than the price the farmer obtains. Reduction in the number of cattle being fed, also attributed to high freight rates, has cut the demand for hay, further influencing the market.

The following effects of high freight rates on agriculture are listed by counties: Six, reduced production; seven, demoralization of agriculture; nine, reduced shipping; three, elimination of profits from farming; one, cause of high-priced merchandise; two, cause of low prices of farm products; three, compel marketing of farm products locally; two, kill hay business; one, change farming practices; one, reduced business of all kinds; one, reduced buying of feed stuffs while two others returned no answer.

Reports indicate that farmers are unanimous in demanding a reduction in rates. When asked how the railroads should reduce rates, reports show 18 counties recommending a cut in wages; two, a reduction in forces; three, a reduction in watered stock; one, Government ownership; two, a reduction in profits; two, a reduction in rates to be offset by increased business and 10, not answering.

### Divided on Wage Question

Farmers in 18 counties give it as their opinion that wages are too high and the working day is too short. In three counties the opinion is that the success of the railroad unions in obtaining good pay and a short work day demonstrates the advantages of organization to farmers and that a similar course should be followed by them. One report lists farmers as disgusted with unions; two, as favoring an 8-hour day but more efficiency; one, as approving both wages and hours; one, as favoring longer hours with the present wage; four, as demanding more labor efficiency without change in remuneration; two, as considering the question of wages and hours as strictly a railroad problem and none of their affair.

Reports from 20 counties show farmers as demanding lower wages for railroad employees; eight, opposing lower wages; two, undecided and five not answering.

The price of land also is being affected by the general process of readjustment, 19 counties reporting declines; one, a slight decline; 11, that values remain the same.

Land is reported as changing hands in only one county, 33 stating that the real estate market is at a standstill.

Summarizing all answers to questionnaires the subjects most talked about by farmers today are indicated as: Improved marketing facilities and machinery, 21 counties; more co-operative selling, 11 counties; readjustment of high merchandise and machinery prices, eight counties; lower freight rates, seven counties; tariff legislation, six counties; improved credit, five counties; speculation in food products, five counties; control of packers, three counties; co-operative buying, three counties; cost of labor, two counties.

## Fees and Rates Hit Profits

COMMISSION men charged from \$10 to \$13 for selling a carload of cattle in 1914. Today their commission runs from \$18 to \$24, an increase over pre-war charges of from 80 to 85 per cent. On single deck cars the increase has been 80 per cent and on double deck cars, 117 per cent.

Yardage charges in 1914 were: for cattle, 25 cents; for calves, 15 cents; for hogs, 8 cents and for sheep, 5 cents. Those charges today are 25, 20, 12 and 8, representing increases, respectively, of 40, 33, 50 and 60 per cent.

During the same period freight rates on livestock have increased approximately 67 per cent. Prices of all livestock now are practically on a pre-war level. Probably those facts help explain why reports from 22 counties in Kansas show an average decrease of 65 per cent in investment in feeding herds during recent months.

such as proposed by the Committee of Seventeen. Farmers in four counties hold that the plan is a good one and resulted in stabilizing the market and preventing prices from going below their present level. Farmers in two counties are undecided regarding the merits of the plan and one report says farmers believe that holding failed of its object because of the power of speculators and big business, exerted against it.

Reaction of farmers to the marketing plan of the Committee of Seventeen is revealed. Answering the question, "Will farmers use the plan?" 26 report yes; one, no; five, favorable or undecided; and four give no answer. Farmers in 22 counties express the opinion that the plan will work if tried; seven are undecided about its feasibility; one fears it will not work; one says it will fail and five do not answer.

Regarding interest in the proposal, 30 counties report much interest; two, indifference, and four do not answer.

The question arose as to whether the failure of wheat prices to advance as a result of more or less general holding of the 1920 crop had prejudiced farmers generally against co-operative effort in grain marketing. Thirty-two counties report that it has not had that effect; one says it has; two are undecided and one does not answer.

If the results of the wheat holding campaign had reduced the interest in co-operation. But it seems that farmers have come to the conclusion that their only chance of obtaining a fair deal is to gain a voice in marketing. This can be gotten only thru combined action. Combined action appears impossible except thru a co-operative organization which has authority to sell the products of many farms.

A greater determination among farmers to get together and demand action is apparent in the reports. Many state that farmers have reached the point where they either must obtain relief or virtually be put out of business. The situation seems to be analogous to that which brought from Field Marshal Haig, when the British were beleaguered in Flanders, the famous "Our backs to the wall" appeal. And it seems evident that Kansas farmers will respond very much as the British Tommies responded.

Opinion is general that farmers are losing money now, reports from 30 counties containing that statement. Farmers in 12 counties are hopeful of making some profit in 1921 as they are counting on an early improvement in conditions. One report states that farmers expect no profit this year while others decline to forecast.

Resentment is shown to be common,



**DEPARTMENT EDITORS**  
 Livestock Editor.....T. W. Morse  
 Farm Editor.....Harley Hatch  
 Dairying.....J. H. Frandsen  
 Medical Department.....Dr. C. H. Lerrigo  
 Poultry.....I. B. Reed  
 Farm Engineering.....Frank A. Meckel

Entered as second-class matter February 16, 1906,  
 at the postoffice at Topeka, Kansas, under act of  
 Congress of March 3, 1879.

**ADVERTISING RATE**  
 \$1 an agate line. Circulation 110,000.  
 Changes in advertisements or orders to discon-  
 tinue advertisements must reach us not later than  
 10 days in advance of the date of publication. An  
 advertisement cannot be stopped or changed after it  
 is inserted in a page and the page has been electro-  
 typed. New advertisements can be accepted up to  
 and including Saturday preceding issue.

## Kansas Farmer and Mail and Breeze

Member Agricultural Publishers Association.  
 Member Audit Bureau of Circulation.

Published Weekly at Eighth and Jackson Streets, Topeka, Kansas.

ARTHUR CAPPER, Publisher  
 F. B. NICHOLS, Managing Editor T. A. McNEAL, Editor  
 JOHN W. WILKINSON and RAY YARNELL, Associate Editors  
 CHARLES E. SWEET, Advertising Manager

**SUBSCRIPTION RATE: One dollar a year**

Please address all letters in reference to subscription matters direct to  
 the Circulation Department, Kansas Farmer and Mail and Breeze,  
 Topeka, Kansas

**DEPARTMENT EDITORS**  
 Farm Home Editor.....Mrs. Ida Migliario  
 Assistant Farm Home Editor.....Florence K. Miller  
 Horticulture.....John W. Wilkinson  
 Young Folks' Pages.....Kathleen Rogan  
 Capper Pig and Calf Clubs.....E. H. Whitman  
 Capper Poultry Club.....Mrs. Lucile A. Ellis

No medical advertising accepted. By medical ad-  
 vertising is understood the offer of medicine for in-  
 ternal human use.

**ADVERTISEMENTS GUARANTEED**  
 WE GUARANTEE that all display advertising in  
 this issue is reliable, and should any subscriber suf-  
 fer financial loss thru fraudulent dealing resulting  
 from such advertising, we will make good such loss.  
 We make this guaranty with the provision that the  
 transaction take place within one month from the  
 date of this issue; that we are notified promptly, and  
 that in writing the advertiser you state: "I saw your  
 advertisement in Kansas Farmer and Mail and Breeze."

# Passing Comment—By T. A. McNeal

**S**HOULD the great Hungarian scientist Tesla be right, and I have come to the point where in my ignorance I do not dispute anything that he predicts, the time is not very far away when the business of mining coal as we know it now will cease. Coal will continue to be used no doubt, but it will be burned without being mined and the heat and power will be conveyed not by wire but by wireless to where it may be needed to supply factories, to heat houses, to run railroad trains, and to do other kinds of work. That will be a great improvement. The dirtiest, most dangerous employment is that of mining coal. It is next to impossible for a man to follow the business of mining coal and keep himself looking just moderately clean and respectable even part of the time. I do not wonder that a great many coal miners are disposed to listen to anarchistic speakers. I think if I had to earn a living mining coal I might be an anarchist myself.

It is also probable that electricity will revolutionize the business of farming. The soil can be fertilized by electricity and so stimulated that the average production will be quadrupled as compared with present day production and all the drudgery of farming will be eliminated thru the same agency. I know that a spirit of pessimism prevails all over the country today and nowhere, perhaps, is it more manifest than on the farms.

Well, I cannot look a foot further into the future than any other man or woman, but it is my opinion that this country within a few years, comparatively speaking, will be a far better place in which to live than it ever has been in the past.

## California Hard Surfaced Roads

**M**Y ATTENTION has been called to an editorial in the Farmer and Stockman of April 14, concerning the hard surfaced roads in California. The editor of the Farmer and Stockman quotes from the Long Beach, California, Telegram which asks:

"What is the matter with California state highways, that they are not withstanding the traffic that modern commercial and pleasure automobile traffic imposes on them?" Then it proceeds to answer the question, by quoting from a voluminous report issued by the Automobile Club of Southern California and the California State Automobile association, after five months of study by the best highway experts in California had been brought to bear upon the subject.

Among other things, it states the following:

Only 50 per cent of the state roads in Southern California are pronounced good by the official report of the road engineers. The remainder are characterized as fair or poor. This is only four short years after the road building started there! The California state highways, as they have been built, will not last more than 11 years. However, the life of the bonds extends over a period of 25 years. In some instances it was found that the upkeep on a certain stretch of road, after four years, has equaled the original cost.

The report goes on to say that present indications are that it will cost \$143,898,000 to complete the paving of the 3,978 miles in the state system, and that but 39 million dollars will be available for this purpose, after immense state bond issues have been exhausted. In other words, California figures an expense of between \$35,000 and \$40,000 a mile for its concrete paving, altho it is not necessary to build the roads so thick there, where there are no extremes of climate to crack and break them, as in Iowa.

Now all this is not only interesting but is entitled to serious consideration. I am very strongly in favor of good roads and have inclined rather strongly to the opinion that the concrete hard-surface road was not only the best but in the long run the most economical road to build. However I am, I hope, open to argument on this road question. Certainly it is not wise to spend vast sums of money building hard-surfaced roads if they are going to peices in four or five or even eleven years. If it is true, as the Telegram states, that after four years in the case of certain roads the upkeep is equal to the original cost, either there was a very bad job in the first place or else that type of road is not the one to build.

The fact probably is that we have a great deal to learn yet about road building. There are comparatively few real experts and road building is still in the experimental stage.

What then is the sensible thing to do? If we go ahead spending large sums of money building long stretches of hard-surfaced roads only to have them go to peices long before the bonds issued to build them have been paid, the reaction is certain and public opinion will be so set against road building that it will be impossible to get any more hard-surfaced roads. The sensible thing to do, as it seems to me, is to test by careful experiment until we can know that a certain type of road will stand the wear and tear that must be put upon it.

A few miles of road might be built as a test road and subjected to the hardest sort of usage and should be built in fact where it must have the hardest usage given to any road in the state. Three or four years ought to tell the story of whether the road is going to stand up. If it fails to stand the test the expense has not been great enough to make it a serious burden and if it stands the test it will be of great benefit. This experimental road I think should be built at state expense, so that no taxpayer would feel the cost, distributed over all the property in the state. In the meantime the counties could keep on improving their dirt roads and waiting for test of the hard-surfaced roads.

It is not wise to rush headlong into a road building program which will load the taxpayers up with hundreds of millions of bonded indebtedness without knowing whether the roads will last after they are built.

## Our School System

**T**HE FOLLOWING exhortation of our school system is interesting altho in my opinion not entirely correct:

In the Kansas Farmer and Mail and Breeze of April 9 is a letter from A. J. Garret, which in part refers to educational matters. It is well for Kansas that most of the farmers do not agree with him, for despite their efforts in educational matters our schools are in a bad way. Our schools have been turned over to men and women who have little knowledge and less concern for rural conditions. They dictate as to the course of study and the length of the course.

The result is that the children are graduated from the rural schools barely able to read, some are good at pronouncing words but are unable to spell, and are unable to solve a problem in mathematics if it requires thought. They take a short course in history and six months in physiology. The course in language with related subjects is the only one that approaches what it should be. The pupil of fair intelligence and regular attendance, and appreciation finishes this course when 13 or 14 years old and is ready for high school in town at a period in his life when he or she needs to be at home, at really the most critical period of life.

However, only one country child in 10 is exposed to the dangers incident to a course in high school, as the parents are not usually able to pay board at the rate of \$22 a month, consequently we find nine-tenths of the children in the country without a chance of getting a high school education. We are told, however, that 70 per cent of the responsible positions in the country are occupied by persons raised on farms who did not get beyond the eighth grade.

After finishing the course in the rural school, or the grade school in town, which I judge is not much better, the "graduate" takes a four year course in high school, that is a few of them, and acquires a smattering of Spanish, German or Latin, some knowledge of geometry, physics or commercial geography. He or she then takes a short course at the Kansas State Normal School, which includes psychology, sometimes taught by a competent teacher and sometimes by a substitute whose training has been along other lines. This wonderfully equipped young person, with the same knowledge of the subjects taught in the grades that she possessed when she left the grades, less what she has forgotten, is granted a certificate and fired back at us to teach school. When the farmers kick they come back at us with the remark, "You should consolidate."

The throwing away of present equipment and purchasing of new equipment would cause a great expense. This phase of the subject, however, is seldom mentioned in a farmers' meeting. The question discussed is how are we to get the kids to school over muddy and snow blocked roads if there are only six schools in place of 120? If the same persons are left in control will the course of study be any better than at present? Do they propose to give an extended course in vocational training that will compel my boy and girl to remain drudges on the farm, or compete with the city boy or girl while handicapped with a few years' training that is of benefit only to the farmer?

The persons pushing this scheme are either misinformed or dishonest. They try to make it appear that every district will have the consolidated school with nice buildings, a teachers' boarding house, several of the boys employed as drivers and one employed as an expert mechanic, besides the wonderful social advantages.

At present educational matters are of more importance than politics, or of growing more wheat, corn or pork, but only those in favor of one thing may be heard thru the press. BEN BASCOMB.

No doubt our present educational system is faulty enough, but there is not a single constructive suggestion in this letter. It may also occur to the writer when he reads it over in print, that he is somewhat inconsistent. In one sentence he declares that the country boy or girl, or the boy or girl who goes thru the grades in town, comes out without knowing anything worth mentioning, and in another paragraph declares that 70 per cent of the responsible positions in the country are filled with these same badly educated graduates of the country schools. Evidently if that is the case these schools are not so bad as the writer tries to make us believe.

I am decidedly in favor of the consolidated school system and I wish it to be a consolidation of both grade and high school. We have very few of these in Kansas but I know that some of the few consolidated schools we have are doing excellent work. I fully agree with the writer concerning the importance of having good schools. I know also that we ought to have much better schools than we have for the most part. I think that our course of study in both the grade and high schools could be simplified and improved.

I think our boys and girls are required to study too many things and are not made thoro enough in what they do study. I would give them fewer subjects and drill them a great deal more on the few they did have. But the writer is mistaken in supposing that the newspapers are trying to suppress criticism of our system. I cannot speak for all editors by any means but so far as I know, they are willing and anxious for more efficient training in our schools. They realize, perhaps, better than men in any other line of business the deficiencies in our educational system and the need for improvement.

## The Emergency Tariff

**M**ANY readers of the Kansas Farmer and Mail and Breeze no doubt will be glad to read the following letter that I have just received from F. B. Niles, a prominent farmer of Olivet, Kan.:

Permit me to approve your comments in the Kansas Farmer and Mail and Breeze on the emergency tariff. We farmers are a bit frantic in blaming some man or set of men for our losses and are insisting that ill advised laws be passed. This discontent is intensified by the preaching of certain demagogues that every one is against the farmer. The Chicago Tribune says: "Last year we sold Canada 925 million dollars worth of goods and imported from there 600 million dollars, a nice little balance of 325 million dollars in our favor. If we place too heavy an embargo upon her cattle and wheat is there not likely to be a retaliatory measure that in its operation will nullify any ultimate benefit to our own producers?"

The National City Bank of Chicago says: "With the falling off in domestic trade it is imperative that we should develop as promptly as possible the foreign markets for American products and merchandise."

This can scarcely be done by putting an embargo on the other fellow's goods.

Canada, like ourselves, sells its grain and meats on a world's market, at times it sells cattle in Chicago and wheat to our Northern mills while we export a surplus from our Eastern and Southern ports. Before we interfere with this natural course of trade let us remember that it is idle to expect any material benefit from a tariff on a commodity of which we sell a big surplus on a world market.

The case is very different on commodities we import, as sugar and woolen goods, or even on products we may export, such as steel and machinery, but where prices are arbitrarily fixed, for home consumers by big business, high enough to benefit by the exclusion of imports.

Of course if this emergency bill is passed Congress will proceed to raise the tariffs on other products as well. If we farmers, help create a high tariff sentiment and succeed in getting a law passed the result will surely be that we will continue to sell our products on a world market, while the producers of clothing, lumber, sugar and a hundred other articles will be quick to raise the prices of their goods which will materially add to the farmer's expense, increase the cost of producing his bushel of wheat or pound of beef, all of which hampers him in competing in a world market. Our success in selling abroad is handicapped by artificially high prices made by an intricate maze of overlapping tariffs that very surely adds cost to our products.

Our slogan should be: "Develop our foreign markets." Let us busy ourselves removing every unnecessary burden from labor and producers generally all the way thru so we can produce an article at the minimum cost and push the other fellow out of competition. To antagonize our customers by embargoes on their goods or add unnecessary burdens of taxes, duties on our producers, is suicidal to our foreign commerce.

We are going to have a trial of the Emergency



Tariff law, and on the general principle that "the proof of the pudding is in the eating" we will know better in a year or two years about how it works. I suppose that Mr. Niles is a free trader. Of course so far as this country is concerned free trade is purely theoretical for no matter what party may be in power the necessities for revenue if nothing else will preclude the possibilities of free trade. It is also true I think, that at present a large majority of our people are opposed to free trade. They believe, rightly or wrongly, that a free trade policy would be detrimental to our interests.

As I have indicated, however, it is scarcely worth while just now to discuss that theory. I agree, however, with Mr. Niles in believing that there should be no tariff wall between this country and Canada. Here again, however, we are met with the fact that a majority of the Canadians are just as thoroughly convinced that a tariff on imports from the United States is necessary to the prosperity of Canada, as the most ardent high protectionist in the United States is convinced that we need to be protected from the importation of Canadian products. Evidently the Canadian high protectionists are mistaken, or ours are. In my opinion both are.

### Legislative Review

**G**LANCING thru the list of bills and resolutions passed by the last legislature I am impressed with the fact that not very much general legislation of importance was enacted. I am not saying this, by the way of either criticism or commendation, but merely mention the fact.

Possibly the most important matter passed upon by the legislature is not a law but a referendum measure relating to the compensation for the veterans of the World War.

Our constitution provides that the state cannot create a debt for more than 1 million dollars by vote of the legislature. If it is proposed to create a state debt for more than that amount the matter must be submitted to a vote of the people, the language of the constitution being as follows: "No debt shall be contracted by the state except as herein provided; unless the proposed law for creating such debt shall first be submitted to a direct vote of the electors of the state at some general election; and if such proposed law shall be ratified by a majority of votes cast at such general election, then it shall be the duty of the legislature next after such election to enact such a law."

In accordance with this provision of the constitution House bill 441 was enacted and will be submitted to the voters of the state at the next general election held in 1922 for ratification or rejection.

As this is a matter of a great deal of importance involving a bond issue of 25 million dollars I give the bill in full:

Section 1. There shall be submitted to a vote of the electors of this state at the general election to be held in the year 1922 the following act, which shall appear upon the ballot as "An act relating to compensation for veterans of the World War"; and the vote for and against such proposition shall be taken as provided by law.

"An Act relating to compensation for veterans of the World War."

"Be it enacted by the Legislature of the State of Kansas:

"Section 1. The state of Kansas acknowledges its indebtedness to, and promises to pay to each person, who was a resident of the state of Kansas at the time of his entering the service, and who served in the World War in any branch of the Army, Navy or Marine corps of the United States prior to November 11, 1918, and who was honorably discharged therefrom, the sum of \$1 a day for each day of his or her entire service, which compensation shall be in addition to all pay and allowances made by the United States government.

"Section 2. The governor, secretary of state, and state auditor are hereby authorized and directed to issue bonds of the state of Kansas in a sum not exceeding 25 million dollars to provide funds for the purpose set out in section 1 hereof: Provided, That such bonds may be issued in installments from time to time in such amounts and upon such terms as may be necessary to meet the payments of compensation as the same are allowed; such bonds shall bear interest not to exceed 5 1/2 per cent; such bonds or the portion thereof at any time issued shall be made payable at the fiscal agency of the state of Kansas in 25 equal annual installments, the first of which shall be payable one year from the date of issue, and the last of which shall be payable 26 years from the date of issue, and which bonds shall be sold to the highest bidder and for not less than par.

"Section 3. There is hereby levied upon all the taxable property of the state of Kansas an annual tax sufficient to pay the interest upon such bonds and the principal thereof as they may become due; and the proceeds of such taxes are hereby appropriated to the payment of such principal and interest.

"Section 4. There is hereby created a board consisting of the state officers named in section 2 hereof, and the adjutant general of the state, who are hereby charged with the administration of this law, and who shall, within 30 days after the taking effect of this act, make, establish and publish rules and regulations providing for the proof of claims under this act, and for the method of payment of the same; and they are hereby authorized in the general administration of this law, to establish other rules and regulations.

"Section 5. This act shall take effect and be in force from and after its publication in the official state paper."

Section 2. This act shall take effect and be in force from and after its publication in the statute book.

Every voter should not only know just what he or she is voting for or against when going into the voting booth a year from next November, but the matter should be considered calmly and fairly.

If the 25 million dollars should be collected by taxation from the people of Kansas and distributed among the men who either enlisted or were con-

scripted into the military service of the United States, then you should vote for it.

I am fully aware that there is a great deal of sentiment connected with this proposition and any one who ventures to suggest anything in the way of objection is likely to be severely criticised.

Nevertheless I am of the opinion that the law if put into effect will work more injustice than justice.

It does not discriminate at all between those who were compelled to suffer great hardships and dangers and those who were not. Those young men who actually suffered the hardships and dangers are in my opinion not only entitled to the extra dollar a day, but to more than that, but those who suffered no hardships and dangers and who were in no way injured by their service are not so well entitled to the extra compensation.

It may be truly said that it was not their fault that they were not exposed to the hardships and dangers. It may also be said that because one soldier is severely wounded in battle while another escapes without a scratch, that it is not the fault of the soldier who was not wounded, that he was not hurt. He exposed himself as much as the other and was as brave a soldier but nevertheless he is not given a pension for wounds that he did not receive.

There is one argument and just one, in my opinion, in favor of giving this extra pay to the young men who were in service but who did not suffer any dangers or hardships. If they had been at home they could have earned not only the soldier pay they received and the dollar a day extra, but probably a good deal more than that.

I have always insisted and very consistently that when we went into the war and adopted the policy of conscription it should have been made universal. If part of the men of the country were drafted to fight for a compensation of \$30 a month and board and clothes, the rest of the men of the country should have been drafted into the service to do whatever was necessary to supply the fighting men with whatever was needed for carrying on the war and on the same terms as far as compensation was concerned.

If that policy had been pursued, not only would the cost of the war been less than half of what it was, but there would have been no argument in favor of such a law as this. I intend to vote for this law for just the one reason I have cited. I do not think in operation that the measure will be entirely fair. I know in fact that it will not, but because we did permit the men who remained at home to take advantage of the situation to demand and receive exorbitant wages and to make exorbitant profits I am willing now to vote to even the matter up to this extent.

### Industrial Welfare Commission

**H**OUSE bill 231 confers upon the Court of Industrial Relations jurisdiction over the Industrial Welfare Commission and abolished the latter board. Under the new law the authority to establish such standard of wages, hours and conditions of labor for women, learners and apprentices and minors employed in the state as shall be held to be reasonable and not detrimental to health and welfare is vested in this court.

### Bank Guaranty

**S**ENATE bill No. 524 is intended to strengthen the bank guaranty law. It provides that the bank commissioner during the month of January of every year shall make an assessment of 1/20 of 1 per cent of the average guaranteed deposits, less capital and surplus of every member bank to be put into the guaranty fund. This shall continue until the amount in the guaranty fund reaches 1 million dollars. If the guaranty fund should become depleted the bank commissioner may levy additional assessments not to exceed five in one year.

### Change of Venue

**J**UST what brought about the introduction and passage of senate bill No. 472 I do not know. I think the bill is all right but there must be a story behind it. In short the bill provides that where an attorney in a case is related to the judge as near as a first cousin the other party to the suit may ask for a change of venue on that account and it is mandatory on the judge to grant the change.

### Registration of Motor Vehicles

**S**ENATE bill No. 550 introduced by the committee on roads and bridges is another measure which concerns a great many people in Kansas for there are nearly 300,000 automobiles, motorcycles and trucks owned and used in the state. This bill relates to the registration of automobiles and other motor vehicles and provides the following annual license fees:

For motorcycles, \$5; passenger automobiles, minimum fee, \$8, and in addition thereto 50 cents for every 100 pounds gross weight or major fraction thereof in excess of 2,000 pounds; electric motor vehicles, \$10; motor trucks, 1 ton or less, \$15; 1 1/2 tons, \$22.50; over 1 1/2 and not over 2 tons, \$30; over 2 and not over 2 1/2 tons, \$37.50; over 2 1/2 and not over 3 tons, \$45; over 3 and not over 4 tons, \$70; over 4 but not over 5 tons, \$100; over 5 tons, \$25 for every ton or fraction thereof; on and after January 1, 1922, registration years shall begin January 1; fee for manufacturer's or dealer's license,

\$25; provides for record of engine number and for records of sale and exchanges of motor vehicles in the office of the secretary of state.

In connection with this law I would call attention to house bill 229 which provides for a road drag fund in every county. From every license fee collected the county treasurer deducts \$4.50 to be turned into the road drag fund. All that part of the fund collected from residents of the first and second class in the county is to be used on the country roads and roads the county is required to maintain. The remainder of the fees is divided between the county and the townships. In constructing roads under this bill the county commissioners shall determine the type of road to be constructed.

## Too Much Graft For Canal Rights

**C**OLOMBIA having held us up for 25 million dollars, Germany should now present us with a bill for occupying a sector in the Rhine basin. Such a claim would be as valid as Colombia's and with Colombia as a precedent we could scarcely refuse to pay it.

Colombia gets this 25 million as a sort of quit claim to property it probably never owned and which would not have been worth \$10 had this country 17 years ago built a canal at Nicaragua instead of at Panama.

The record is explicit and straightforward. It shows we were correct in our dealings with the Colombia dictator—a particularly slippery kind of crook—while he was busily engaged in trying to blackmail both this Government and the French company whose rights to the uncompleted canal we bought for 40 million dollars.

Roosevelt and John Hay could reach no agreement with this slippery personage which would stick, for the reason as Roosevelt graphically expressed it, "that you cannot nail currant jelly to the wall."

While he was vice president of Colombia, this highly interesting gentleman, Marroquin by name, threw the president of the republic in jail where he most opportunely died and left Marroquin sole dictator.

It was under Marroquin that Panama, which had declared its independence of Spain in 1821, and subsequently had federated with Colombia, made in 1903 its fourth finally successful attempt to regain an independence it never had consented to relinquish.

Both Colombia and Panama were more than willing to have us choose the Panama route for the canal. It was greatly to their interest. So when this country in 1901 seemed about committed to the Nicaraguan route, Colombia on its own initiative proposed a treaty granting us the Panama right of way and naming 7 million dollars as the price.

After Colombia's terms had been accepted and the law had been passed committing us to the Panama route, Colombia rejected this protocol and notified the United States she desired 10 million dollars and 1/4 million dollars a year rental.

This time after an explicit understanding with Colombia that this amount and no more was to insure us the right to spend 300 million dollars digging the canal, we paid the French company 40 million dollars for its improvements and machinery and took over the job.

But Colombia wasn't thru yet. It next notified the American minister it would not ratify the canal treaty unless we paid an additional 15 million dollars and the French company gave it 10 of its 40 millions.

This attempted double extortion failed. The people of Panama had previously notified the Colombian government that unless the canal treaty was ratified they would take up arms against Colombia. And so began the revolution which again separated Panama from Colombia.

Panama's independence was promptly recognized by this and other governments. Three of our naval vessels preserved the neutrality of the Canal Zone during the so-called revolution, a duty devolving upon us by treaty, and 42 American marines were landed as a guard to protect a handful of Americans whose lives had been threatened by 400 of the bandits that had failed to hold up Uncle Sam.

And now 17 years later, Colombia gets the 25 million she demanded of us and the French canal company in 1903.

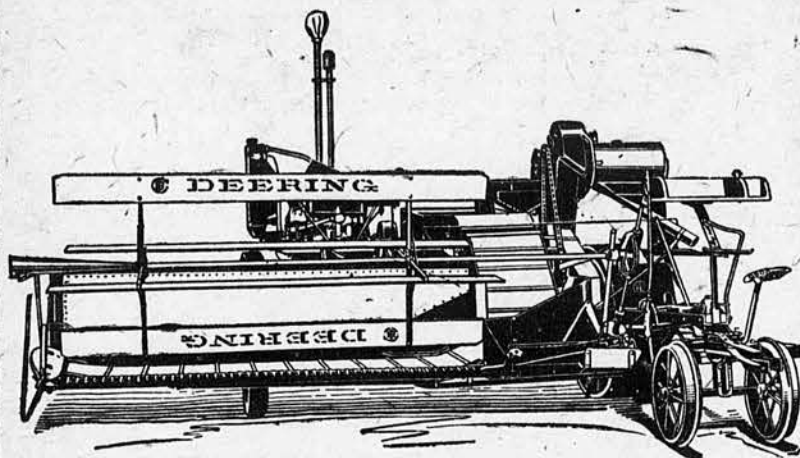
I voted against the Colombian treaty for no sentimental reasons but strictly on its merits. I believed it blackmail and a hold-up which no expediency of the moment, whether of oil interests in Colombia or commercial interests elsewhere, could palliate or excuse.

It is because this Government has become a secure source of too much easy money for foreign powers, that it now is compelled to borrow from month to month at high interest to meet its daily expenses and that its treasury is laboring with a deficit of nearly 2 billions.

With our people heavily burdened, our wounded ex-service men still in straits awaiting a helping hand, I do not believe we should vote away any millions to clear a discredited, invalid claim, nor to make it easier for American investors to develop foreign concessions of any kind.

Washington, D. C.





## McCormick and Deering Harvester-Threshers

FARMERS of the West who face the hiring of big threshing crews and securing of extra teams and wagons for the grain harvest will make a big saving with a McCormick or Deering Harvester-Thresher. These practical machines have thoroughly demonstrated their efficiency to cut, thresh, clean and sack grain in one operation. One machine can harvest from fifteen to twenty acres a day. No twine is needed, no shocking or hauling of shocks, no big threshing crews. More grain is saved and the straw is left on the field to fertilize the soil.

From eight to twelve horses or one Titan 10-20 tractor will pull a harvester-thresher. Two men can run it, one on the driver's seat and one on the bagging platform. Our descriptive booklet gives complete information on this labor-saving machine. Write for it to our branch house in any of the cities named below.

### INTERNATIONAL HARVESTER COMPANY

OF AMERICA

Billings, Mont.; Cheyenne, Wyo.; Denver, Colo.; Helena, Mont.; Los Angeles, Cal.; Oklahoma City, Okla.; Portland, Ore.; Salt Lake City, Utah; San Francisco, Cal.; Spokane, Wash.

## THE AUTO-OILED AERMOTOR

### A Real Self-Oiling Windmill

Oil an Aermotor once a year and it is always oiled. Every moving part is completely and fully oiled. A constant stream of oil flows on every bearing. The shafts run in oil. The double gears run in oil in a tightly enclosed gear case. Friction and wear are practically eliminated.

Any windmill which does not have the gears running in oil is only half oiled. A modern windmill, like a modern automobile, must have its gears enclosed and run in oil. Dry gears, exposed to dust, wear rapidly. Dry bearings and dry gears cause friction and loss of power. The Aermotor pumps in the lightest breeze because it is correctly designed and well oiled. To get everlasting windmill satisfaction, buy the Aermotor.

Write today for Circular.

**AERMOTOR CO.** Chicago Kansas City Des Moines Minneapolis Oakland



## Increase gas engine power -

Save gasoline and oil - decrease carbon troubles and repair-work with this great piston ring equipment

Superoyl in the top piston grooves; LEAK-PROOF in all lower grooves—for tractors, motor trucks, automobiles, motor boats, motorcycles, all engines, pumps and compressors.

Your dealer can supply you with any size or over-size. Always install the combination.

### Write for Free Book

It explains why the McQuay-Norris Piston Ring combination will increase gas engine power, save fuel and oil, and decrease carbon troubles. Address Dept. A. C.

McQuay-Norris Mfg. Co., St. Louis, U.S.A.



**McQUAY-NORRIS**

LEAK-PROOF

Superoyl

**PISTON RINGS**

## The County Agents at Work

### Many Farmers are Joining the State Farm Bureau

BY RURAL CONTRIBUTING EDITORS

SEVERAL millinery schools are being planned by Miss Edith Holmberg, who recently became home demonstration agent in Pratt County. Three districts in the county will hold three day institutes and two will hold two day institutes. The first institute was held at Cairo, on April 25. The next one will be held at Saratoga, May 13-14.

### Herefords Command Good Prices

The first annual sale of the McPherson County Breeders' association was held at the sales pavilion in Lindsborg recently. Twenty-seven head of registered Herefords were offered. The average price was a little more than \$90. V. M. Emmert, county agent, says that while prices were not high the sale expense was reasonable. The association plans on holding sales of other classes of purebred livestock during the coming year, Mr. Emmert says.

### Farming in Moving Pictures

Moving pictures are being employed by A. B. Kimball, Harvey county agent, to help farmers in selecting the best practices for the farm. Among the films selected for a free picture show are: "Selecting a Laying Hen"; "Health for Hogs"; "Milk and Honey"; "Dairy Romance"; "Barbarous Barbary"; "Cause of Wheat Rust"; "Old Santa Fe, the Gateway to the Santa Fe National Forest"; "Outdoor Life in the Rockies"; and "Stable Flies and Their Control."

### To Check Blue Sky Artists

At a recent meeting of the Pratt County Farm Bureau a committee was appointed to investigate the activities of representatives of oil stock companies and other blue sky salesmen, with the view of protecting possible investors from being swindled. The members of the bureau have been requested to take no action in purchasing stock in any enterprise until the proposition has been thoroughly investigated by the committee.

### Sewing Clubs for Doniphan

Two sewing clubs were organized in Doniphan county recently, according to F. H. Dillenback, county agent. One of these is at Sparks and the other at White Cloud. Miss Minnie Sequist, of Kansas State Agricultural college, will conduct the schools. Mr. Dillenback has sent out announcements, asking all women who are able to do so to attend one of these schools.

### Harvest Wages \$3 a Day

In Kingman county the local Granges and the farm bureau held a meeting recently to discuss harvest wages. A resolution, recommending a wage of \$3 a day, was passed. Three delegates were selected to attend the state harvest labor meetings.

### Jerseys Made Best Records

The Oswego Cow Testing association completed its first year recently, according to R. F. Olinger, Labette county agent. Altogether 28 herds were tested. Sixteen of these continued during the whole year. In all, 336 cows were tested. Of these 119 completed yearly records. The average for the 119 cows was 5,784 pounds of milk and 238.5 pounds of butterfat. The feed

cost averaged \$68.42 a cow. All indications, Mr. Olinger says, point to a much higher average next year since feed is cheaper and Labette county farmers have found by experience that it takes a large amount of feed to get the most profit from the dairy cow. The 10 high cows of the association averaged 8,015 pounds of milk and 363.9 pounds of butterfat. The feed cost was \$108.75 a cow.

The 10 lowest cows produced an average of 3,047 pounds of milk and 132.2 pounds of butterfat. The average feed cost for these 10 cows was \$54.08 a cow. The records show that high production cannot be expected unless the dairyman feeds well. The feed costs for the 10 high cows were more than double that for the 10 low cows. One of the most remarkable facts brought out by the records of the association is the fact that a 15-year-old grade Jersey, belonging to Williams Brothers, was the high cow of the association. This cow produced 10,743 pounds of milk and 553 pounds of butterfat. Another cow in this herd produced 10,778 pounds of milk and 533 pounds of butterfat. These were the only two cows to produce more than 400 pounds of butterfat during the year.

### Community Building for Kingman

A sales pavilion and community building will be erected at Kingman in the near future, according to H. L. Hildwein, county agent. The building will be equipped for housing livestock shows, livestock sales, community fairs, and other public gatherings. The estimated cost is \$15,000. For some time there has been agitation for such a building. Recently a committee was chosen to go to Harper for the purpose of viewing the sales pavilion recently erected there. The committee returned with a favorable report. It is probable rooms will be equipped in the building for offices of the county farm bureau.

### Comanche to Fight Grasshoppers

Grasshoppers in Comanche county are going to have a hard time during the coming summer, E. L. Garrett, county agent, says. They had a hard time of it last summer, he says. At least they were not able to do as much damage as they had done in previous years. Poison last year was distributed in 13 communities in the county. When a farmer found an alarming number of hoppers in his crop he went to the community leader and obtained poison and put it out on his own responsibility. Mr. Garrett reports that 275 farmers used the poison bran mash. He estimates that they saved more than \$24,000 in protecting the wheat crop from the ravages of the hoppers.

### Jewell Boys Join Pig Clubs

The boys northeast of Jewell City are going to show their dads how to raise pigs this summer, according to W. W. Houghton, Jewell county agent. Mr. Houghton says that a meeting was held recently at the farm of W. L. Jordan, and that enough boys were present to form two big clubs. Plans were made for obtaining pigs and starting the work as soon as possible. The first year's work will consist of a feeding contest. The boys will keep records of the gains of their animals and the cost of making these gains. Mr. Jordan and J. C. Martin will be local leaders.



About 100 Farm Women Recently Assembled at the County Court House in Pratt to Welcome Miss Edith Holmberg, Their New Home Agent.



# Cutting Down the Overhead

Farmers, Like Business Men, Lower Production Costs

BY F. B. NICHOLS

A PROFIT is necessary in business if it is to keep going for a very long period. If the owners can't make it go on one basis they will shift to another. This is just as true in farming as in any other line, and the change is taking place today on Kansas farms. It will continue for some time yet. Farmers cannot—and will not—take the losses they suffered last year again for many years; probably this generation never again will see a season like 1920.

The larger part of these changes are quite properly in the direction of lower costs. In this, agriculture is merely following the program which practically every other business has been on since last November. Many of the production costs of 1920 were on an abnormal and perfectly silly basis, but that will not be true this season. You don't notice any wild-eyed excitement on the part of farmers to buy high priced equipment or hire expensive help now! Not so you can see it! And this means a lower production. Let it be remarked in this connection that this is something which concerns our city cousins a whole lot more than farmers.

## Farmers Were Fleeced

We were told that the success with which the prices of agricultural products were "deflated" was due to the huge surplus. Just the relative proportion of truth and bunc contained in that statement probably never will be known exactly, but the net result was to give farmers the worst "burning" they have had for years. In most cases the crops of 1920 were sold below the cost of production. Evidently the cities do not need such a huge production. All right. Fine. They won't get it again, at least not in this year of our Lord 1921.

You can hear of this reduced acreage on every hand. It has gone so far with the sugar beet growers that it is likely the production of sugar next fall will be much below normal—and higher prices, in my opinion, are inevitable. The cotton acreage will be 'way down—50 per cent, probably, in many communities. Incidentally this will be a good thing for the South, which has needed a jolt for some time to get it started in diversified farming.

Kansas will make great progress in reducing the grain acreage—and it is about time. The wheat acreage in this state always has been too large, and this was especially true during the war. We have for many years been growing corn on hundreds of thousands of acres which never should have been planted—this crop cannot be expected to produce a profitable yield unless the conditions are favorable.

It would seem that the situation is such that we can hope for a considerable increase in the soil improving crops such as alfalfa and grasses.

There likely will be an increase in purebred stock. Many of the sales in the last two or three months have been supported by real "dirt" farmers in a most encouraging way. The speculators have "blown up"—they are shelved high and dry—which is just as well. Prices of purebred stock have taken a huge tumble, which one would not have thought possible a year ago, but in the process they have gone down to the point where real farmers are taking hold of purebreds with enthusiasm. As a rule individual farmers are not buying a large number of animals, and the prices generally are low, but they are showing an interest. Many of the hog sales, especially, have been very well

attended. This means a livestock industry in the future which is founded on a basis of quality.

Farmers are showing some tendency to buy additional machinery and equipment, but this movement is coming slowly. It will gain force on thru the season. They are not going to "plunge" in stocking up on equipment which they can get along without, and neither are they going to let farm operations be hampered seriously by a lack of equipment. In other words, they will buy what is really needed.

## The Camera on the Farm

BY F. G. WILLARD

Let me suggest that you clip out these little stories about making "Pictures on the Farm" and paste them in a scrap book. Later on there will be suggestions about home finishing together with formulae for the development of paper; also there will be suggestions about the best papers you should use for the negatives you have made. You are quite likely to wish to refer to some of these things and if you have them in a scrap book you can easily refer to them.

First-class pictures can be obtained only by the use of rolls or film packs which are within the expiration date. Every film pack or roll has an expiration date upon it and either roll or pack should be used before this date. Look for the date when purchasing and see that you are not beyond it. Some dishonest dealers have sometimes changed the date, rather than have it expire on their hands. If the dating seems to have been tampered with, refuse it and demand a plainly dated roll or pack.

It is well to remember that the best materials are really the most inexpensive in the long run. If you finish your own pictures keep the word "cleanliness" as your everlasting watch word. Do not buy cheap materials and be sure that your chemicals are always pure and above all see that your trays are absolutely clean.

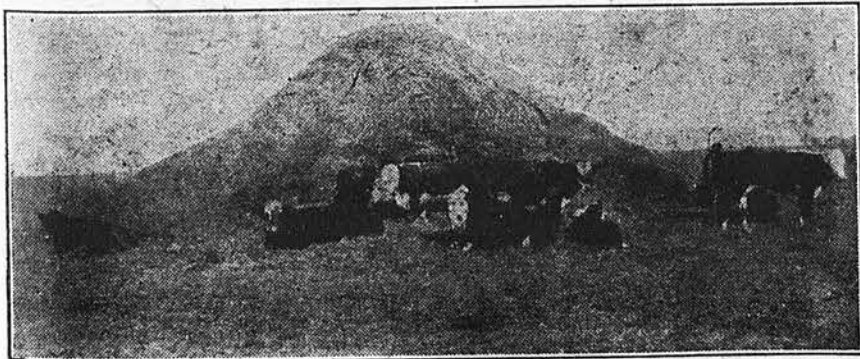
Have one tray for your developer and have another for your fixing bath and never exchange these trays one for the other. Mark them so you can tell them apart in the dark-room. Should you get some of your fixing bath into your developer, your developer is spoiled for all time. Never change your hands from one tray to another without first rinsing thoroughly in clean water. Strict attention to these suggestions will save you a lot of trouble.

Good photo albums are inexpensive. Get one and paste in your snap shots as you receive the finished prints. Later on you will find you have an interesting collection, properly preserved and in the order of their taking.

Keep your returned negative or films in an envelope and date them. Sometimes it is important that you know just when you took a certain picture.

Be methodical in your picture making, it's a little more bother at the time but you will be rewarded many times over by having everything, from start to finish, in order.

If you are having troubles of any kind which you seem to be unable to correct, don't hesitate to write me and, if I can possibly help you out, I will gladly do so.



Wheat Pasture, Straw Stacks and Well Bred Beef Cattle Prove Profitable. Much Straw is Converted into Fertilizer by the Steers.

## It's So Easy to Make the Change

There's no bother and no sacrifice in turning away from the ills which sometimes come from tea and coffee, when you decide on

## POSTUM CEREAL

Then you have a rich, full-bodied table beverage which fully satisfies the taste—and there's no ingredient to harm nerves or digestion.

Thousands have changed to Postum as the better meal-time drink and they don't turn back.

Suppose you try the change for ten days and note the result.

*"There's a Reason" for Postum*

Made by Postum Cereal Co., Inc., Battle Creek, Mich.

**Tire Agent**  
MAKE BIG MONEY  
I'll show you how to make big money spare or full time introducing Wear Resisting Mellinger Extra-ply and Cord Tires Guaranteed by Road 8,000 AND 10,000 MILES (No Seams.) No capital or experience needed. My offer gives you **FREE TIRES FOR YOUR OWN CAR.** I furnish advertising and sample sections. Tires shipped prepaid on approval. Exclusive agency open to one man in each locality. Write today for my new plan and low wholesale prices. S. L. MELLINGER, Pres. Mellinger Tire & Rubber Co. 854 Oak St., Kansas City, Mo.

**NOX-EM-ALL GOPHER TABLETS**  
Sure death to pocket gophers, ground squirrels and prairie dogs. Easy to use. Save your alfalfa and other crops. Satisfactory results guaranteed. 1000 tablets \$2.00.  
GOPHER TABLET COMPANY, Lincoln, Nebraska, Box 12.

**LUMBER**  
MILLWORK and general building material at **25% OR MORE SAVING** to you. Don't even consider buying until you have seen us complete list of what you need and have our estimate by return mail. We ship quick and pay the freight.  
**FARMERS LUMBER CO.**  
2416 BOYD STREET OMAHA, NEBR.

**Catch Fish.** Eels, Mink and Muskrat in large quantities SURE with the new, folding, galvanized Steel Wire Net. It catches them like a fly-trap catches flies. All sizes. Parcel Post or express. Write for price list and our free Net offer and booklet on best fish bait ever known. Agents wanted.  
**WALTON SUPPLY CO., R-209 St. Louis, Mo.**

When writing advertisers mention this paper

**HOFSTRA**  
The National Insecticide  
Kills Insect Enemies of Chickens and Garden on Wholesale Scale  
Chicken lice on setting hens—little mites on baby chicks—Hard shell potato bugs and the red, soft kind too—Cabbage worms—plant lice—they die by the hundred when you use Hofstra. It's a dust fine powder, more effective than anything you ever used. Just spray it from the metal gun. It floats like smoke off a cigar and completely fills the air for yards. Kills these pests by sealing their skin pores. They die by the hundreds.  
**POSITIVELY NOT A POISON**  
Hofstra is made of old Fashioned Pyrethrum powder combined with a secret chemical formula and pulverized corn starch to carry it in the air. Nothing else like it, but entirely harmless to humans. Loaded metal guns 15c at drug and grocery stores. Packages of bulk powder for re-filling gun cheaply at 30c, 60c and \$1.20.  
**HOFSTRA MFG. CO.**  
204 W. Choyanne St. Tulsa, Okla.  
If your dealer hasn't it, send us his name with 45c for trial gun and Liberal package of Powder. Trial guns Loaded with Hofstra 15c.



# White Diarrhea Outlook for Poultry is Bright

**Remarkable Experience of Mrs. C. M. Bradshaw in Preventing White Diarrhea**

The following letter will no doubt be of utmost interest to poultry raisers who have had serious losses from White Diarrhea. We will let Mrs. Bradshaw tell of her experience in her own words:

"Gentlemen. I see reports of so many losing their little chicks with White Diarrhea, so thought I would tell my experience. I used to lose a great many from this cause, tried many remedies and was about discouraged. As a last resort I sent to the Walker Remedy Co., Dept. 42, Waterloo, Iowa, for their Walko White Diarrhea Remedy. I used two 63c packages, raised 300 White Wyandottes and never lost one or had one sick after giving the medicine and my chickens are larger and healthier than ever before. I have found this company thoroughly reliable and always get the remedy by return mail.—Mrs. C. M. Bradshaw, Beaconsfield, Iowa."

## Cause of White Diarrhea

White Diarrhea is caused by the *Bacillus Bacterium Pullorum*. This germ is transmitted to the baby chick through the yolk of the newly hatched egg. Readers are warned to beware of White Diarrhea. Don't wait until it kills half your chicks. Take the "stitch in time that saves nine." Remember, there is scarcely a hatch without some infected chicks. Don't let these few infect your entire flock. Prevent it. Give Walko in all drinking water for the first two weeks and you won't lose one chick where you lost hundreds before. These letters prove it!

## Never Lost a Single Chick

Mrs. L. L. Tam, Burnetts Creek, Ind., writes: "I have lost my share of chicks from White Diarrhea. Finally I sent for two packages of Walko. I raised over 500 chicks and I never lost a single chick from White Diarrhea. Walko not only prevents White Diarrhea, but it gives the chicks strength and vigor; they develop quicker and feather earlier."

## Never Lost One After First Dose

Mrs. Ethel Rhoades, Shenandoah, Iowa, writes: "My first incubator chicks, when but a few days old, began to die by the dozens with White Diarrhea. I tried different remedies and was about discouraged with the chicken business. Finally, I sent to the Walker Remedy Co., Waterloo, Iowa, for a box of their Walko White Diarrhea Remedy. It's just the only thing for this terrible disease. We raised 700 thrifty, healthy chicks and never lost a single chick after the first dose."

## You Run No Risk

We will send Walko White Diarrhea Remedy entirely at our risk—postage prepaid—so you can see for yourself what a wonder-working remedy it is for White Diarrhea in baby chicks. So you can prove—as thousands have proved—that it will stop your losses and double, treble, even quadruple your profits. Send 63c for package of Walko—give it in all drinking water for the first two weeks and watch results. You'll find you won't lose one chick where you lost hundreds before. It's a positive fact. We guarantee it. The Leavitt & Johnson National Bank, the oldest and strongest bank in Waterloo, Iowa, stands back of this guarantee. You run no risk. If you don't find it the greatest little chick saver you ever used, your money will be instantly refunded.

**WALKER REMEDY CO., Dept. 42**  
Waterloo, Iowa

Send me the ☐ 63c regular size (or ☐ \$1.04 economical large size) package of Walko White Diarrhea Remedy to try at your risk. Send it on your positive guarantee to instantly refund my money if not satisfied in every way. I am enclosing 63c (or \$1.04). (P. O. money order, check or currency acceptable.)

Name .....

Town .....

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

Mark (X) in square indicating size package wanted. Large package contains nearly three times as much as small. Prices include postage.

## Present Low Egg Prices Cannot Continue Long

BY H. L. WILLIAMS

THE outlook for the poultry industry at the present time is very bright indeed, tho the next few months are going to be the crucial or rather moral test for commercial poultrymen. It is going to be hard for them and egg producers to adjust their business to the new scale of lower prices, which is bound to come. We say, "bound to come" advisedly. A number of facts or conditions which cannot be avoided are going to force down the price of eggs, the principal causes being an unusually warm winter thruout the United States, which has resulted in an exceedingly heavy winter production—the heaviest in quite a number of years.

### Warm Winter Increased Production

The English market experienced a severe slump during the first two weeks of January. This was due, primarily, to lower prices being quoted by producers of Denmark and Ireland, and the fact that eggs from Egypt were beginning to arrive in England during the week of January 17. This naturally will curtail domestic exports and have an effect on the American market. This slump in the foreign markets, together with the fact that the total receipts at New York, Chicago, Philadelphia, Boston and San Francisco for week ending February 5 were 224,479 cases, 30' dozen to the case, as compared with 131,986 cases the same time last year, and increase in weekly receipts of 92,493 cases, which will break any market. The heavy production at this time, when very few eggs under usual conditions are being produced in the North and West, within itself is enough to force down the market throughout the United States and naturally we can look forward to a much lower price for market eggs this year as compared with last year.

### Storage Supplies Extremely Low

It is true, our storage holdings are considerably less for the week ending February 5, 1921, compared with last year. On this date last year in New York, Chicago, Philadelphia, Boston and San Francisco there was a total of 150,983 cases. The same time this year there are in these cities in storage only 14,768 cases, showing a storage deficit as compared with last year of 136,215. This deficit in storage eggs should be large enough to warrant prices not going as low as pre-war prices.

However, one feature, and a very important one, which poultrymen should remember and take into consideration is that poultry feeds today are 40 per cent cheaper than they were one year ago. Hence, if the commercial poultryman last year could produce and sell eggs at 50 cents to 60 cents a dozen and make a profit at the extremely high price of feed, he can certainly produce eggs at 25 cents to 40 cents a dozen this year and show a balance on the credit side of his record book.

### Hens as Egg Producers

The hen, in its wild state, originally laid about 30 eggs a year, enough to reproduce its species. Modern methods of egg production have one object in view—to increase the capacity for laying eggs. The hen thus is nothing but a high-speed egg machine.

By these artificial methods, the egg-producing hens normally develop between 120 and 140 eggs annually. Scientific methods of feeding and care increase this to between 180 and 200 eggs a year. In the Petaluma section of California, one of the greatest poultry centers in the country, the hens do even better than that.

Egg producing hens vary in weight, the average being about 4 pounds. The principal breeds of egg producers are the Leghorns, the Wyandottes, the Plymouth Rocks, the Rhode Island Reds and the Minorcas.

The natural life of laying hens is from two to three years. There are, however, instances where hens have continued to produce eggs from 8 to 10 years, in proportionate decreasing numbers. The champion layers are exhibited in poultry shows and state fairs, and usually receive as much public attention as prizefighters and baseball players.

The egg production of the United

States in 1920 was said to be 67 million standard cases, with an estimated value of \$1,206,000,000. As the standard case contains 30' dozen, the annual egg output last year amounted to 2,010,000,000 dozens, or 24,012,000,000 eggs.

### Chicks Require Careful Handling

The early feeding of the young chicks is the most important part of their growth. Right feeding of good materials will start the digestive tract right and get them in order.

Remember that young chicks do not require food for the first 48 to 60 hours after hatching. When they do start eating it is a good plan to start using sour milk or buttermilk instead of water. During the first week, feed three to five times daily. Dry oatmeal or a feed made of equal parts of cracked corn, ground oats and cracked wheat is a good feed to start them on. Do not overfeed the young chicks. Give them a good handful of ground feed to 100 chicks at a feeding during the first week.

After the eighth day start feeding a dry mash consisting of 2 parts of wheat bran, 1 part cornmeal, 1 part ground oats, 1/2 part shorts, 1/2 part beef scraps, and 1/4 part of bone meal. Another mash which has been successful is 3 parts cornmeal, 3 parts bran and 1 part fine meat scraps. Chopped clover, alfalfa or sprouted oats make very desirable feed for young chicks.

Keep the chickens under a suitable brooder if they are incubator chicks or with a hen that will care for them. Also use extreme care in keeping them clean and sanitary and much trouble will be eliminated.

## Farm Engineering Notes

BY FRANK A. MECKEL

We have nothing against the timers and roofers. They are good fellows and the world owes them a living, but it is somewhat incongruous, when everybody is groaning about the high cost of living and preaching economy, to see workmen replacing rainspouts and gutters rusted out merely because they haven't been kept painted.

If owners of buildings would only understand how much cheaper it is to paint rain conductors than to renew them, the timers might be a little less prosperous, but the painters would be more so. But that isn't the point exactly! Painting would obviate waste, and it's paying for dead horses that hurts.

### Night Lights for Tractors

During the rush of spring plowing it often is desirable to work as long as possible while the ground is in condition for plowing. This is possible with a tractor, provided proper lights are mounted on the machine.

A headlight can be installed easily on most tractors with very little expense. A bracket bolted to the frame of the tractor will serve as a mounting for a generator, and a storage battery may be mounted almost any place where space is available and where dirt will not fall over it. The generator may be run with a belt or a chain, whichever method proves more practicable.

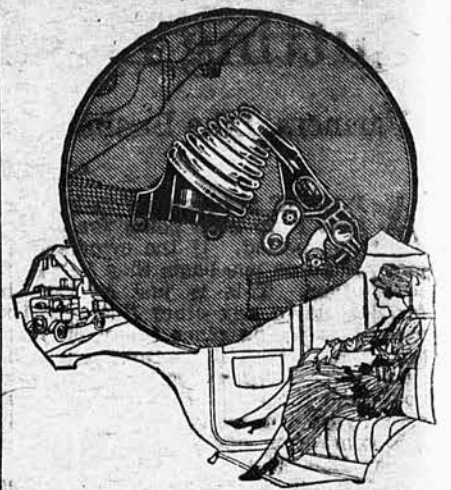
A serviceable automobile generator often can be purchased at a garage. It need not be new. Quite often garages have generators salvaged from wrecked cars, and they will answer the purpose very well indeed. Care should be exercised, however, that the generator is rated to generate the same voltage as the battery is rated to discharge.

All that is necessary for having plenty of light on the tractor for night work is a battery, a generator, a headlight, and a little ingenuity.

### Batteries Should be Inspected

Winter is the season which is hard on storage batteries if they are exposed to the cold. The fact that your battery still cranks the motor may not always indicate that the battery is in good condition.

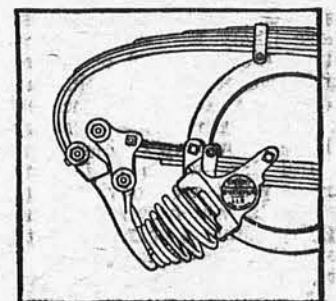
(Continued on Page 9.)



Comfort of the big car—  
with "Hasslers"  
on your Ford!

YOU won't envy the owner of the big car when you get your Ford equipped with Hassler Shock Absorbers! You will be able to travel the same roads, at the same speed, for the same distance—with the same luxurious comfort—with the same enjoyment of every mile! And you will be saving one-third of your usual up-keep, tire and depreciation costs! These savings will quickly pay for your Hasslers.

Any Hassler dealer will put them on your car, let you use them for 10 days, then refund every cent of your money if you are not entirely satisfied! Write us if you don't know your Hassler dealer.



This illustrates the Hassler model now made for the Dodge Brothers Car. They give it luxurious comfort—and add smartness to its appearance. Your Dodge dealer can supply you.

**HASSLER MISSOURI-KANSAS CO.**  
St. Louis 3219 Locust St. Kansas City 1529 Grand Ave.



When writing our advertisers mention Kansas Farmer and Mail and Breeze.



# Buying Blindfolded is Costly

Circulation is Vital to Livestock Advertiser

BY T. W. MORSE

**N**O SERVICE or commodity in general use, varies more in value than does advertising space in the different periodicals used for livestock advertising. It is possible for this extreme variation in value to exist without anything like a corresponding variation in price, because the most important factor in determining the cost of space to the publisher, or its value to the buyer, in so many cases is unknown to the buyer. This factor is, the "circulation," that is, the number of persons who, for themselves, subscribe and pay for the publication in which the advertising is being sold.

## Basis for Rate Charge

With the circulation known, the advertiser can determine whether he is paying a high rate or a low one, by using as his measure the cost of an inch advertisement, that is an advertisement 1 inch deep by one column wide an issue, for every 1,000 actual subscribers the paper has. A similar measure is used in the buying of millions of dollars' worth of advertising by the big manufacturers and merchants, who absolutely refuse to buy space in anything except publications of known and proved circulation. The prices these big commercial advertisers pay are fairly well standardized, being for weekly and semi-monthly publications about 10 to 12 cents a column inch, an issue, for every 1,000 subscribers. Commercial advertisers have developed the use of effective advertising copy, attractive catalogs and convincing correspondence, and their systems of distribution thru dealers, agents or the mails, to a point where they make money on advertising at such rates, and the publishers at the same time get a decent profit on their space.

But the buyer of livestock advertising, while he is favored by the better farm papers with a special low advertising rate, does not have the commercial advertisers' advantage in always knowing exactly what he is buying. And only a few livestock advertisers have the commercial advertisers' facilities for getting results from their advertising.

The Kansas Farmer and Mail and Breeze has been charging livestock advertisers about 6 cents a column inch an issue, for every 1,000 subscribers reached. Other important farm papers have charged on about the same basis, making their rates much lower than they could afford to make except for the indirect benefits which all farm papers receive from advertising and otherwise helping to popularize improved farm animals. The big farm papers featuring livestock advertising cannot lower these rates, and could not keep them as low as they are but for the incomes they receive from commercial advertising. Their circulations must be maintained about where they are in order to make good on their commercial advertising.

## Advertising in Breed Journals

But going back to the matter of rates; when price declines came to the breeders on their livestock, and other things which they sell or buy, naturally they looked for declines in advertising rates. This no doubt was possible in the case of breed papers and some others of a special character, which were charging their livestock advertisers as much and in some cases more than they charged their commercial advertisers, but the charges of the reputable farm papers had been at bed rock all the time and could not be lowered. For instance many Kansas breeders do some advertising with breed papers and know what they pay. Breed papers have from, perhaps, 1,250 bona fide subscribers up to possibly 25,000. It is scarcely possible that they average 10,000 subscribers apiece. Their rates range from about \$1.50 an inch, an issue, up to \$5. Probably \$3 would be a fair average. On this basis the breeders are paying them 30 cents a column inch, for every thousand subscribers reached, as against about one-fifth that price to the Kansas Farmer and Mail and Breeze. These facts will show on the basis of relative costs how fully loyal the farm papers have been to the interests of their livestock advertising customers.

There is still another basis on which

rates for livestock advertising should be considered, and that is on the basis of the service to the advertiser. At this time when the speculator and the speculating breeder both are "out of the running" the genuine consumer is the only prospective buyer worth considering. Ninety-five per cent of the consumers are best reached thru farm paper advertising. They can be reached so much more economically in this way that no other method is worthy of consideration. For instance a Kansas breeder could scarcely get up a mailing list better located and of better character, for interesting possible buyers in the sale of all his surplus animals, than is the list of the Kansas Farmer and Mail and Breeze's subscribers in Kansas and Colorado. Supposing, therefore, it were possible for him to get this list and he decided to print on postal cards as good an announcement as he could, and send one to every farmer on the list. His expense would be \$1,250 to Uncle Sam for postal cards and \$150 more for printing and addressing. Yet for \$46.20 he could publish an advertisement of the same size in the Kansas Farmer and Mail and Breeze and reach just as many farmers, breeders and ranchmen with just as good effect.

## Best Service from Farm Papers

Compare also the service and cost of service of this paper with that of the breed papers. Breed papers nearly all are national in their circulation. It is scarcely possible that as much as 10 per cent of their subscribers are in Kansas and Colorado, which is all the territory that most Kansas breeders can afford to cultivate. We have seen that the average breed paper scarcely can have more than 10,000 subscribers. This means that an average Kansas breeder using an average breed paper, gets his message carried to 1,000 breeders who are near enough to be possible customers. Ten dollars worth of postal cards would do this for him.

A more rational apportionment of advertising already has begun, and will become still more business-like as breeders get a better insight into the relative values of the different mediums for reaching buyers, learn more of the true function of livestock advertising and develop more of the facilities and methods thru which the greatest returns can be obtained from the use of advertising space in farm papers.

## Farm Engineering Notes

(Continued from Page 8.)

Take the battery out of the car and clean off the terminals, taking special care to remove any blue or white crust which may appear at either post. Then apply a generous coat of vaseline or cup grease at each binding post after the connections have been restored.

Be sure that the fluid in every cell is covering all of the plates. When adding water to the cells, use nothing but distilled water, or filtered rain water. Have a garage man test the specific gravity of the fluid with a hydrometer. If the gravity falls below 1.200, the battery should be removed and charged. It is fully charged when the reading is approximately 1.300, and practically discharged at 1.100. If it is kept fully charged at all times, the deterioration will be much slower than if it is kept only half charged, altho it will often crank the motor when it is only half charged. A little attention now, may save the price of a new battery this season.

## Better Farm Homes Essential

Farm homemaking is no less fundamental to the welfare of the nation than is farming. They are co-operative forces so closely linked that lack of progress in either one is bound to be reflected in the other. If the farm home is lacking in even the most ordinary conveniences, this influence will be reflected in the family, and will prejudice the younger members against farming as a business. To the extent that progress is retarded in the home, to that extent—directly or indirectly—is the business of farming retarded.

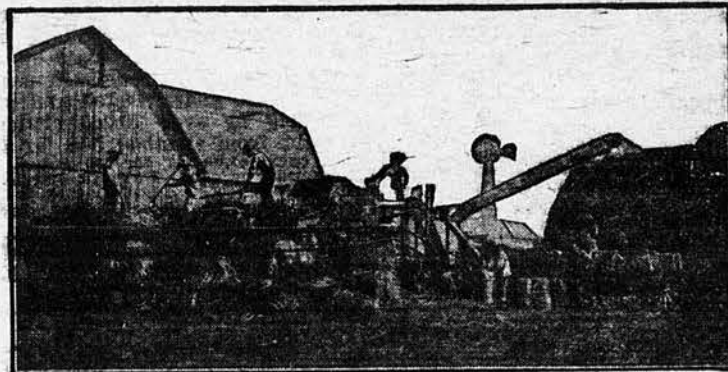
The farmer divorced from livestock pays heavy alimony every year.



## Consider the Case of Ray Haskill, for instance--

**W**E could tell you a lot about the mechanical details and technical points of Case steel-built, galvanized Threshers, but this probably wouldn't interest you as much as the actual performance of these machines—and anyway, we haven't got the space. What you are especially interested in, no doubt, is the work a Case Thresher will do—and the length of time it will continue to operate satisfactorily. Consider, then, the Case of Ray Haskill, of Crump, Michigan. He says, in a recent letter to us:

"I won't begin the market for anything this year as my 32x54 Case is going strong after ten years of hard threshing and I am satisfied with the old girl yet. Just a few repairs and she is ready to lead the others the same as always. She runs as steady as ever and in the last six years has threshed more grain than any two machines in Northern Bay County."



Mr. Haskill's Case Thresher working on farm of Mrs. Joseph Herriter, near Linwood, Mich. This outfit has threshed here for 9 years.

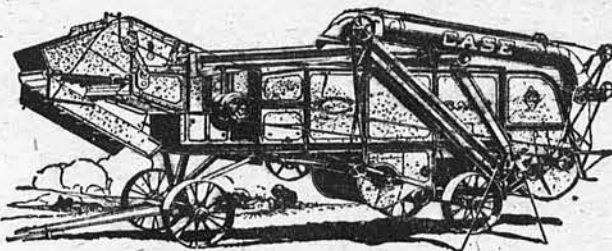
Case superior construction and mechanical features are, of course, largely responsible for such service, but we can't begin to tell you about these things here. Our latest catalog has all the facts, however,—and it's nicely illustrated. Write for a copy—and ask for the name and address of our nearest dealer.

## J. I. Case Threshing Machine Company

Dept. E14

Racine,

Wisconsin



Case Galvanized, Steel-built Threshers are made in the following sizes: 20x28, 22x36, 26x46, 28x50, 32x54, 36x58 and 40x62. Will thresh, clean and save all grains and seeds.

## Sick Baby Chicks?

Germozone operates just as these people say. It is preventive as well as curative, and satisfaction is absolutely guaranteed. Twenty years on the market. Sold by drug and seed stores at most towns.

Wm. E. Shepherd, Scranton, Pa., wrote—"Two weeks after we started last spring we were a mighty discouraged pair. Every day from three to six chicks dead. A neighbor put us next to Germozone and we are now sure if we had had it at the start we would not have lost a single chick." Ralph Wurst, Erie, Pa.—"Not a case of white diarrhoea in three years." C. O. Petrain, Moline, Ill.—"I never had a sick chick all last season." Mrs. Wm. Christiansa, Olive Ridge, N. Y.—"Have 800 chicks now 5 weeks old and not a single case of bowel trouble."

**GERMOZONE** is a wonder worker for chicks, chickens, pigeons, cats, dogs, rabbits or other pet or domestic stock—for roup, bowel trouble, snuffles, gleet, canker, swelled head, sore head, sores, wounds, loss of fur or feathers. If no dealer, order by card. Postman will collect. No extra charge. Handy as phoning. 75c and \$1.50 pkgs. Baby Chick Book FREE. GEO. H. LEE CO., Dept. F-5, Omaha, Neb.

## CUSHMAN

4 H. P. Light Weight Engines

Cushman Engines weigh only 40 to 60 lbs. per horsepower. Easy to move around from job to job. They deliver four times as much power per pound as ordinary farm engines.

**Saves a Team Saves the Crop**

The Cushman 4 H. P., on the binder, saves a team, two horses easily pulling an 8-foot binder in heavy grain. A Cushman saves the crop in a wet season, as the engine enables you to cut grain in a wet field, when the clipping of the bull-wheel would make it impossible without the Cushman. Equipped with Throttling Governor, Carburetor, Friction Clutch Pulley and other extra equipment not supplied with ordinary engines. Cushman 2-cylinder Engines—3 to 20 H. P.—make wonderful power for silo-filling, grinding, sawing, threshing and all other farm jobs. Ask for free book on Light Weight Engines. Cushman Motor Works, 814 N. 21st St., Lincoln, Neb.





Be Your Own Thresherman

## PORT HURON

The Universal Thresher

Threshes all kinds of grains and seeds

20x34 and 22x38

Tractor Specials

Also Four Larger Sizes

THRESH when the grain is ready—when you are ready—when roads are good—when the market is most favorable to you.

Every farmer who has a tractor of 18 H. P. or over can insure himself against loss of much or all of his yearly harvest from bad weather and inability to get a machine when his grain is ready—by owning one of these little threshers.

The saving on one crop may be enough to pay for the thresher, which, with proper care, will last nearly a lifetime.

Made and guaranteed by a Company that has built grain threshers for 70 consecutive years. For threshing, separating, cleaning and saving the grain it cannot be excelled.

Write for complete description and specifications—sent free upon request.

**Port Huron Engine & Thresher Co., Wichita, Kan.**

Home Office and Factory, Port Huron, Mich.

## DON'T CUT OUT A Shoe Boil, Capped Hock or Bursitis

FOR

### ABSORBINE

will reduce them and leave no blemishes. Stops lameness promptly. Does not blister or remove the hair, and horse can be worked. \$2.50 a bottle delivered. Book 6 B free.

**ABSORBINE, JR.**, for mankind, the antiseptic ointment for Bolls, Bruises, Sores, Swellings, Varicose Veins, Allays Pain and Inflammation. Price \$1.25 a bottle at drug stores or delivered. Will tell you more if you write.

W. F. YOUNG Inc., 407 Temple St., Springfield, Mass.

## Woodmanse Windmills

Proven Best  
by  
Fifty Years' Success

Last longer at less cost because strongly reinforced against every weakness; fitted with internal gears three times as strong as ordinary gears; automatically governed. Only windmill equipped with impregnated Oilless Bearings.

Shipped complete—no extras to buy. Get Free Illustrated Catalog before you buy.

**WOODMANSE MFG. COMPANY**

Box D Freeport, Illinois

Run For Years Without Oiling

## Boost Egg Prices!

If every poultry raiser will use Egg-O-Latum and put away surplus spring and summer eggs to be sold at top prices in winter, eggs will double in price within 30 days.

Why dump good, fresh eggs on an overloaded market?



Thousands have successfully used Egg-O-Latum. You take no risk. Simple and very easy to follow directions. Your eggs bring top prices.

Egg-O-Latum eggs are kept in ordinary crates or egg cases, in the cellar or cave; always ready for sale or shipment at top price. Keep fresh one year. No shrinkage, spoilage or absorbed odors. Easily used—a dozen per minute. Cost one-half cent per dozen. Five years' tested and proven. Now sold by over 10,000 dealers, or postpaid from Omaha; 50c jar for 50 dozen eggs; \$1.00 jar for 200 dozen. If no dealer, order by card. No extra charge. Postman will collect. Egg-O-Latum is manufactured only by Geo. H. Lee Company, Dept. E-4, Omaha, Neb.

Have you noticed how many of your neighbors are now reading Kansas Farmer and Mail and Breeze?

## Letters Fresh From the Field

BY RURAL CORRESPONDENTS

**F**ARMERS are urged to make free use of this page to discuss any topic that they consider of general interest. Address all communications to John W. Wilkinson, Farm Letter Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.

### Farming in Cowley County

There seems to be less wheat planted this year and I think, from what I have heard and seen that more corn will be planted this spring than last. Kafir has been rather unprofitable here the last few years and is not very popular as a money crop. The acreage of oats is about the same as last year.

Farm labor is not difficult to get here at present and wages run from \$35 to \$75 a month. I believe there will be no trouble in getting help this year. Farmers are going slow on buying new farm machinery as it is as high or higher than ever, but second hand machinery at public sales sells at reasonable prices.

I have not heard many express themselves about marketing conditions, but here at Winfield we have worked together in buying an elevator and intend to handle grain, feed, coal, sand and other supplies for stockholders and the Grange members.

Winfield, Kan. Fred M. Page.

### Sells 10,000 Eggs a Year

Having kept an accurate account of the eggs I have sold for several years I know the exact amount of money received every month. During the first nine months of 1920 I sold \$950 worth besides using eggs in abundance for a family of six from my flock of 250 Single Comb White Leghorn hens.

I sold more than 10,000 eggs for setting thru advertising in the Kansas Farmer and Mail and Breeze and the home paper. I sold them at a very reasonable rate, preferring to sell more at a moderate rate than fewer at a higher rate.

We have no expensive improvements, just the common open front hen house but we feed a balanced ration that is economical. Mrs. C. T. Bilderback, Nortonville, Kan.

### The Farmers' Friend

Senator Capper is doing more for the agricultural interests of the United States than any other man. The passage of the Capper bill will be of more benefit to the country than all the National Tariff and War Finance boards. The market gamblers are in a class with the saloon and must go. Senator Capper is the man to put them out of business. The country is with him. Smith Center, Kan. W. H. Lewis.

### Favors Senator Capper's Bill

I am heartily in favor of Senator Capper's bill to stop speculation in grain products and hope that it will become a law. The gamblers in farm products are no better than the gamblers in any other game. Such practice should be stopped or properly controlled and the license fee should go toward the war debt. Kimball, Kan. R. E. Morgan.

### Market Conditions are Deplorable

Agricultural marketing conditions are in a most deplorable condition and something must be done to relieve the situation. We will be compelled to reduce production if this country is to be maintained as a free dumping ground for all the countries without any tariff restrictions. Maysville, Mo. H. C. White.

### Grain Gamblers Rob Farmers

I hope that Senator Capper will do all in his power to put the grain gamblers out of business. The farmers are at their mercy. If we sell our grain at present prices, all of us will be forced into bankruptcy. Peck, Kan. C. A. Lauterbach.

### Makes \$100 Selling Eggs

On January 1, 1920, I had 100 Single Comb White Leghorn hens and pullets. During the year I lost 12 hens from accident and disease. I culled 13 hens from my flock in the fall and sold them. About August 1, I bought 50 Single Comb Brown Leghorn hens and in-

creased my flock. I raised 50 pullets that began laying in November.

For the year I sold \$755.50 worth of eggs. I figure I made a profit of \$400. I used all the eggs I needed the whole of the year. I set no eggs and sold none for hatching purposes at a fancy price. I found that it pays to feed your hens regularly all thru the year. From July to January 1, 1921, I kept a dry mash before my hens all the time, made up by a formula, given by the Kansas State Agricultural college at Manhattan. I also feed my hens wheat once a day the year around. My hens ate 400 pounds of oyster shell during the year. I gathered my eggs twice a day all summer, and having no fertile eggs, I never had any candled out at the grocery store where I sold them.

I made the most money in August and September when as a rule the supply of egg money usually slumps. My hens laid \$100 worth of eggs in each of those months. My lowest month was November which showed a return of \$27.50. I am keeping my same flock for the year, 1921, but will keep an account of the eggs I gather every day so next year I will know more definitely how much I have made.

Cullison, Kan. Mrs. Ray Eads.

### Clean Out the Profiteers

I wish to tell you that I am in favor of crushing the Chicago Board of Trade. We do not need it. I am for the Capper bill and hope that Senator Capper gets plenty of help to clean out these profiteers. Joe Goodell, Emporia, Kan.

## Cockleburs

By Ray Yarnell

A market expert tells this one: The price of eggs is likely to be kept up pretty well this summer and next winter. More eggs are in storage now than a year ago. Many of them were bought at 30 to 50 cents a dozen. The packers guessed wrong and didn't expect the price to go to 16 cents. Their warehouses are full of high priced eggs. To get out from under they must bring the price of eggs up.

Sometimes the fellow who cracks the whip gets snapped on the hand.

In 1920 the anxious farmer was asking: "What'll you take to work for me?" The other/day a husky fellow, meeting a farmer on the street, said: "Do you know any farmer who cares to hire a good man?"

B. K. Notes, who deals in them, occasionally visits the column. The other day he remarked that he had discovered a new animal. A farmer told him that he was raising a few "shots" this spring.

A brick bat is one of the few things a profiteer respects.

A mule has the right idea. His heels work in concert. It might be termed co-operative kicking.

When Herbert Hoover was appointed Secretary of Commerce retail grocers held a celebration. Hoover waited a few weeks and then made a few remarks about high prices. The date for the second celebration has not been announced.

Realizing that they are to have a house cleaning anyway thru Governmental persuasion, the gamblers on the Chicago Board of Trade now ask permission to do it themselves. Probably they desire to sweep the "dirt" all into one room and keep it.

Artie Boner, who made one of his rare trips into the country the other day, was struck with the idea that those tall round structures he saw on so many farms, could be used as storage tanks for water to irrigate home gardens. Artie is president of the town home garden society and says he may build one on his back yard.

If men, like cows, had pedigrees, the matter of picking friends would be simplified.

# Lowe Brothers

## A new way—a quick way to paint your floors

**N**O need to lug out all the furniture. Just move it over to one side; then paint the other side.

48 hours, and it is all done, and the room in use again. That means 2 days and 2 nights. But you can't do it with "any old floor paint." As sure as preaching, if you try it with anything but Lowe Brothers Hard-Drying Floor Paint, you will have a mess on your hands.

Lowe Brothers Floor Paint is made in a certain way to make it dry quickly, and hard, and still stand wear and tear. It gives a beautiful glossy surface, that can be wiped up same as if it were glass.

It is sold by the one best dealer in each town.

We'll be only too glad to send you a little booklet, called Floor Paint Lessons.

*The Lowe Brothers Company*  
**512 EAST THIRD STREET, DAYTON, OHIO**  
 Boston New York Jersey City Chicago Atlanta Memphis  
 Kansas City Minneapolis Toronto  
 Factories: Dayton Toronto

# Paints



## Send No Money 6000 Miles SERVICE

Here is the greatest and most sensational sale of the season. Park Double Tread tires are scientifically reconstructed, and will give 6000 miles service. **LOWEST CUT PRICES** Send no deposit. Pay after you have carefully examined and are convinced of their wonderful long wearing qualities. If tire is not satisfactory return at our expense. We refund changes. Heavy rubber free with every tire.

SIZE	TIRE	TUBE
30 x 3	\$ 5.50	\$ .60
30 x 3 1/2	\$ 6.00	\$ .75
32 x 3 1/2	\$ 7.00	\$ .85
34 x 3 1/2	\$ 8.00	\$ .95
36 x 3 1/2	\$ 9.00	\$ 1.05
38 x 3 1/2	\$ 10.00	\$ 1.15
40 x 3 1/2	\$ 11.00	\$ 1.25
42 x 3 1/2	\$ 12.00	\$ 1.35
44 x 3 1/2	\$ 13.00	\$ 1.45
46 x 3 1/2	\$ 14.00	\$ 1.55
48 x 3 1/2	\$ 15.00	\$ 1.65
50 x 3 1/2	\$ 16.00	\$ 1.75

Immediate Shipment, S. O. D. Express. Send your order while prices hold good. State size, also whether S. S. or G. I. non-skid or plain tread. Special 5% discount if full cash is sent with order. **PARK TIRE CO.** 3540 Ogden Avenue, Dept. 558, Chicago, Ill.

## Paint Prices Reduced! Factory Prices Direct to You!

We have slashed paint prices. We sell direct to you. You profit in dollars by what we save in selling expense.

### Guaranteed Paint for Less

Crosby Ever-Wear Paint has our ironclad guarantee on every can. Get the benefit of quality paint at lowest cost. Write for our free paint book. Illustrated in colors—gives our liberal trial offer—and shows many paint savings. Thousands of satisfied customers—14th year of paint experience. Write today for free paint book.

Crosby-Frank & Co., 313 Peoria St., Chicago, Ill.

WE PAY THE FREIGHT

## Make Your Silo Safe!

### Use Ohmart's Safety Pipe Hoist

Don't risk lives and waste time pulling up filler pipes. With Ohmart's patented hoist only one man works at top of silo. Raises both blower and distributor pipes in a few minutes and firmly anchors blower pipe. Fits any straight wall silo. Saves cost many times over. Attached or detached in five minutes. Send today for circular or order direct from this ad. Special price now \$22.50.

f.o.b. Hope, Kan.

Ohmart Sales Co.  
Hope, Kansas

## BICKMORE'S GALL CURE

### ON HORSES

For sore shoulders, sore necks, cuts, etc., rub into the skin about the sore. Use sparingly. Only what the skin absorbs does good. A smooth paddle makes application easy. Write for circular.



The  
Bickmore Co.  
Box 75  
Old Town, Me.

## How to Increase Your Crops And save them from drought every year.



THIS BOOK  
TELLS HOW

Sent Free

Contains a lot of useful information and shows how irrigation by pumping greatly increases and insures Crops, especially POTATOES.

THE AMERICAN WELL WORKS  
General Office & Works: Dept. 18, Aurora, Ill.  
Chicago Office: First National Bank Building



## This Fine "Made to Order" Knife

\$1.50. Car-van steel blades, transparent handle, 3 1/2 inches long, with your photo, name, address and lodge emblem.

SPECIALTY SUPPLY, Bx 66, Lawrence, Kan.

## Building Material

You can save money on lumber, doors, windows, roofing, paint, wallboard and all kinds of building material by buying from King at

LESS THAN WHOLESALE PRICES  
We ship anywhere—make immediate delivery—guarantee absolute satisfaction or money refunded. Send name and address for big, illustrated bargain bulletin.

KING LUMBER COMPANY,  
1228 Troost Avenue, Kansas City, Mo.

## The Farmers' Service Corner

BY TOM McNEAL

Readers of the Kansas Farmer and Mail and Breeze who desire to have legal advice or who wish to make inquiries on general matters may receive whatever service we can render in this way free of charge, but the limited size of our paper at present will not make it possible to publish all of the replies.

### Road in Missouri

1. How can I get a road changed in Missouri? I got up a petition which I sent to the commissioners, and they would not act on it. The road can be put on much better ground.  
2. Can a road be shut up that runs thru a place that is not a surveyed road?

M. B.

1. I do not know how you can compel the county commissioners to act on your petition unless you mandamus them, and you would have to make out a pretty strong case before the court would grant you a writ of mandamus, for the reason that the commissioners are supposed to be men of judgment and to grant the opening of any road when the same is necessary or advisable.

2. If this road leading thru private property has not been recognized as a public road, the owner of the property would have the right to close it up.

### Federal Land Bank Bonds

A widow who is incapacitated to make a living in any other way, was left \$10,000 which she invested in Federal Land Bank bonds, bearing 4 1/2 per cent interest, giving her an annual income of \$450. Should the United States Supreme Court decide these bonds to be taxable, as she lives in a city having a tax rate of 3 per cent, her living would be cut to \$150. Would the Government, which is supposed to stand back of these bonds, do anything to relieve the situation? The bonds carry the assurance of Congress that they are free from all taxes.

2. Why, in your opinion, does not the court hand down its decision?  
1. It is entirely unreasonable to assume that the United States Supreme Court will declare these bonds taxable. If it does, however, I can only guess as to what Congress will do, and your guess on that is just as good as mine. I do not believe that the widow has any particular reason to worry over her investment.  
2. Not being in the confidence of the Supreme Court of the United States, I have no opinion as to why they do not hand down their decision.

### Concerning Bankruptcy

Can a farmer declare himself bankrupt? If so, would any of his personal property or real estate be exempt? If the real estate is in the wife's name, would it be taken for debts?

R. R.

A farmer might go into involuntary bankruptcy, or he might become voluntarily bankrupt. Going into bankruptcy does not change in any way any of the exemption laws of Kansas, but a bankrupt is entitled to any of the exemptions in the way of personal property or real estate he would have if he were not a bankrupt. If the real estate is in the wife's name, and was not put into her name for the purpose of defrauding the creditors of the husband, and if she is not obligated for his debts by an agreement on her part, her property cannot be taken to pay his debts.

### Iowa Divorce

If A got a divorce from B within two weeks after separation in Iowa, would it be considered a lawful divorce? Could it be set aside? If so, what action would B have to take to do so? Neither A nor B has since remarried.

A. R.

A divorce might be entirely legal even if obtained two weeks after the separation of the parties. Not knowing anything about why this divorce was granted, I, of course, cannot say whether it was a legal divorce or not. The presumption is that it was or the court would not have granted it. An action to set aside this divorce would have to be started in the same court which granted the divorce, and the allegation would have to be made that the divorce was fraudulently obtained.

### Registered Hogs

A bought a registered sow at a sale held by B. B had papers but thru some mistake they had not been signed by the original owner when B purchased the sow. B promised to get them transferred at once, but has not done so yet, altho three months have passed. A has pigs from the sow, which he wishes to register. What can he do about it?

D. H. C.

Write to the Department of Animal Husbandry, Kansas State Agricultural College, Manhattan, Kan.

## YOUR TROUBLES ARE OVER THIS DOES IT.



## "VKCO" VAN KERR TRANSFORMERS

Decrease gasoline consumption—give greater power—reduce carbon deposits. They can be attached in a few minutes and from that time you will have a sweet, smoothly running motor which starts easily even in zero weather.

THE VAN KERR TRANSFORMER is not only practical, but it is the only oxygen burning system of ignition on the market. Burn more oxygen and less gas!

### THE VAN KERR TRANSFORMER IS A PERFECTED ARTICLE

—the result of fourteen years' ignition experience. It is sold on a money-back guarantee, which comes with every set. The special gauze covering over electrodes is a patented fireproof feature. Van Kerr Transformers are suitable for any engine that uses a spark plug.

### YOUR MOTOR PUMPS OIL? DON'T WORRY!

The intense, hot blaze at your plug, due to the Transformer, explodes every particle of oil and gas, giving greater power, and leaving no carbon.

DON'T BE FOOLED BY those who tell you that the transformer is not practical.

For Tractors, Motorcycles, Pleasure Cars, Gas Engines

## SEND NO MONEY

Write us today and give us your name and address; also the kind of car you drive. We will send you a set of Van Kerr Transformers by parcel post. Pay the postman \$2.00 for a four-cylinder set or \$2.50 for a six-cylinder set and the Transformers are yours. You also get a free booklet written by ignition experts which alone may save your usual Spring repair bills.

VAN KERR CO., Dept. 33 139 N. Clark St., Chicago  
Over 100,000 satisfied customers are using Van Kerr Transformers

## I NEED BRANCH MANAGERS

Will pay big money to men with autos. Install Rideezee, the BETTER THAN AIR INNER TIRE. Cheaper than tubes, a light resilient substance guaranteed ten years. Equip your car at agent's price. Sell to friends. The business of the future. **RIDEZEE CO., ST. PAUL, MINN.**

## FARM WAGONS

High or low wheels—steel or wood—wide or narrow tires. Wagon parts of all kinds. Wheels to fit any running gear. Catalog illustrated in colors free. **Electric Wheel Co., 30 Elm St., Quincy, Ill.**



## A pipe's a pal packed with P. A.!

Seven days out of every week you'll get real smoke joy and real smoke contentment—if you'll get close-up to a jimmy pipe! Buy one and know that for yourself! Packed with cool, delightful, fragrant Prince Albert, a pipe's the greatest treat, the happiest and most appetizing smoke-slant you ever had handed out!

You can chum it with a pipe—and you will—once you know that Prince Albert is free from bite and parch! (Cut out by our exclusive patented process!) Why—every puff of P. A. makes you want two more; every puff hits the bullseye harder and truer than the last! You can't resist such delight at any stage of the game!

Prince Albert is sold in toppy red bags, tidy red tins, handsome pound and half pound tin humidors and in the pound crystal glass humidor with sponge moistener top.

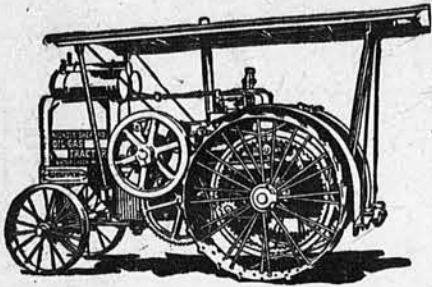


# PRINCE ALBERT

Copyright 1921  
by R. J. Reynolds  
Tobacco Co.  
Winston-Salem,  
N. C.

the national joy smoke





## Delivers An Even, Steady Threshing Power

Here is the Oil-Gas Tractor that drives steadily like a steam engine—especially built for threshing. Has plenty of reserve power to insure keeping the thrasher humming steadily until the job is finished.

## Nichols-Shepard Oil-Gas Tractor

Burns kerosene, gasoline, or distillate. Unlike the average light gas tractor—delivers an even, steady power with high reserve. Built with a big, heavy fly-wheel, which means steady pulling and clean threshing—built up to the quality of the old dependable Nichols-Shepard Steam Engine. Has two-cylinder, low speed, powerful motor, a strong main shaft, large fly-wheel, and a sturdy frame, heavy enough to hold it in place.

Besides being an excellent thrasher power plant, it does general tractor work.

Write for Circulars

## Nichols & Shepard Co.

(In Continuous Business Since 1848)

Builders Exclusively of Red River Special Thrashers, Wind Stackers, Feeders, Steam and Oil-Gas Traction Engines. Battle Creek, Michigan

## Abortion



due to a germ infection is prevented and eliminated from the herd by treating with



B-K kills these germs without irritating the tissues and restores the reproductive organs to normal. It is a very powerful disinfectant, a pure sodium hypochlorite that many Veterinarians and doctors prescribe—well known to most scientists and used by the best breeders for years.

GENERAL LABORATORIES  
Madison, Wisconsin

Don't take a chance and be without it. You will surely need it—for calf scours, barrenness, retained afterbirth—or any germ infection.

And B-K is always ready.

1 Gal. and 5 Gal. Pkgs.



## Stormy Days

don't worry the man who works in a

**Fish Brand Reflex Slicker**

He has the best waterproof garment made

Look for the Reflex Edge

TOWER'S

FISH BRAND

AJ. TOWER CO.  
ESTABLISHED 1836  
BOSTON, MASS.

DEALERS EVERYWHERE

# Capper Pig Club News

Whoopee! Shawnee County Boys Have a Newspaper

BY EARLE H. WHITMAN  
Club Manager

IN ANSWER to the question, "What is 'initiative'?" a boy once wrote, "Initiative is what makes the world go around." That chap wasn't so very far wrong, either, for when you stop to think that "initiative" is the ability to think of worth while things and do them, you'll agree that this quality is, indeed, an important part in the workings of this world of ours. Few traits are more worth developing, especially in boys and girls, than this ability to think and act for one's self, and Capper Pig club members always have shown themselves open to such development.

What set me to thinking along this line? Well, the answer is contained in the first issue of "The Shawnee County Squeal," which now is lying on my desk. That hustling chap, County Leader Ivan Robinette, is responsible for this paper, and the first issue was his surprise to his teammates. Accept my congratulations, Ivan, for you have done an exceedingly neat bit of work. Because "The Squeal" is the first paper to be published by club members this year, I feel that some of the good things it contains should be shared with members all over the state. As an introduction, the editor writes:

"In this issue the 'Squeal' makes its bow to the public and particularly to boys who are interested in making better business men for Kansas farms. We feel that thru its medium we will be able to keep in closer touch with every boy. This is not a 'one boy' paper, and we are asking every boy to contribute news. The policy of this paper is to forward the Shawnee County Pig club. Politics or religion does not enter into the columns of this paper, only that we boys must all play fair and give the other fellows a square deal. This paper will be issued on the 25th of each month. The price of this publication is your good will, support and co-operation."

This issue of the Shawnee paper is made up principally of interesting little sketches of the club members and the club managers. It's a clever way of making us all feel acquainted with one another. And there's some real humor in the paper, too. Under the heading, "It Depends," we read:

Farmin's agriculture  
To them who tell us how;  
Agriculture's farmin'  
To us who tend the sow.

And also this:

Oh, what a tangled web we weave  
When first we practice to deceive,  
But if we practice 'til we're stars  
We go to selling motor cars.

Isn't it fun to take examinations? Oh, don't you think so? Well, anyway, a good many club members were trying it last month, and the experiment interfered with the April club meetings county leaders all over the

state had been planning so enthusiastically. There's a fine spirit of "Do it or know why," tho, and when those leaders and their teammates get up a good lot of steam, the "slowpokes" should get out of the way. And say, county leaders, don't forget to tell your county papers, the club manager, your friends, and anybody else of whom you can think, when you've held a successful meeting. Advertising pays, you know.

It doesn't seem possible that breed club election time is here. Within a few days club members will be divided according to the breed of sow entered, and then we'll get to work and elect officers for the year. It will be an election by mail, but I'll tell you it's interesting, just the same. A president, vice president, secretary-treasurer and three directors will be chosen for each breed club. The club manager reserves the right to pass finally on all nominations, but let's have your suggestions. Or, if you'd like to serve, don't be too modest to say so. After election we'll get some nifty breed club stationery printed.

When you talk about hard luck nowadays, the Lincoln county boys think you are talking about them. You know, "It never rains but what it pours," and those three chaps out there in Lincoln county are ready to say it's been pouring. First, Abe Saunders was unfortunate in getting a sow which wasn't bred. Then Lewis Schmidt's sow farrowed 12 pigs, but the rats made a raid the first night after they were farrowed and also the old sow showed mighty poor taste in choosing a place to lie down, so Lewis has only four grunners left. Then, just to help the general gloom, Philip Ackerman loses his contest sow, and has four orphan pigs left to care for. Did I hear somebody say, "Oh well, those fellows might as well quit?" Just forget that idea, for Lewis, Abe and Philip don't give up that easily. They're in the game and they're going to stay. Here's wishing them better luck in the future.

Last but not least—not according to him, anyway—I must mention the picture of Bob Montee of Labette county and his Poland sow and litter of husky youngsters. You've got to get up right early in the morning to come out ahead of Bob when you're raising hogs and boosting Polands. Also, as county leader, I have a "hunch" Bob is going to raise a dust, with the help of his hustling teammates. Say, haven't you a picture of yourself and your sow and pigs? Let's have it for the club story.

The acreage of alfalfa probably will be increased greatly this year.



Bob Montee of Labette County, Poland Booster Extraordinary, Showing His Contest Sow and Six Pigs. "I'm the One With the Cap on," Says Bob.



## HALLMARK ATHLETIC UNDERWEAR OF BETTER QUALITY

For Men and Boys who want Underwear Satisfaction

Made by Troy's Master Craftsmen

Price of Men's Union Suits

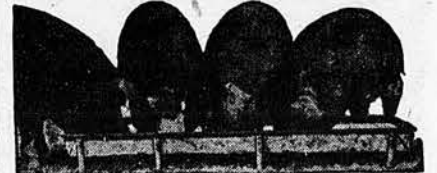
\$1.25 and up

Boys' \$1.15 and up

Hall, Hartwell & Co., Troy, N. Y., Makers of Suspenders and Hallmark Shirts

## BUTTERMILK For Hogs and Poultry

Experienced feeders know that there is no better feed for growing hogs and poultry than buttermilk. A regular supply, however, has been difficult or impossible to obtain and feeders have had to do without it. A process has now been worked out for putting this valuable feed on the market in a condensed form, called SEMI-SOLID BUTTERMILK. By simply adding water you get real genuine buttermilk with all its great feed value.



Semi-Solid Buttermilk, like fresh buttermilk, is an appetizer and tonic, as well as a feed, and keeps hogs in prime condition.

The hogs consume it eagerly and thrive on it. It is a wonderful tonic and conditioner as well as a most valuable feed. Readers of Kansas Farmer and Mail and Breeze, interested in getting rapid growth and good, healthy stock should feed SEMI-SOLID BUTTERMILK. For free sample and information about Semi-Solid Buttermilk and feeding hogs and poultry for greater profit, write CONSOLIDATED PRODUCTS CO., Dept. 3611, Lincoln, Neb.

## SILO STAVES, HOG & STABLE FLOORS, SCALES

and all wood work on the farm will not rot or shrink if painted with Guaranteed. **ARROW** **CARBOLINEUM**. Write for Circulars Dept. 160, Carbolinum Wood Preserving Co., Milwaukee, Wis.

## Tell Your Neighbor

About Kansas Farmer and Mail and Breeze and urge him to subscribe.

A one-year subscription to this clean, fearless paper that stands up for the Farmer's Rights, will be \$1.00 well spent.

## Haying Time Cut in Half

Save time, labor and money by putting up this year's hay crop easily and quickly with

**The Jayhawk**

Stacker and Sweep Rakes

"Two boys and myself can put up more hay with the Jayhawk Stacker than 40 Mexicans," says A. Barter, Mercedes, Texas.

Light—easy to operate—a boy can run it. No ropes or pulleys—entirely automatic. Wood or steel. Elevates full load of sweep rake 20 to 25 feet and puts it exactly where wanted. Saves hay, teams and days. Prevents loss of crop after cutting.

Direct From Maker To You!

No middlemen's profits. Write for catalogue and prices TODAY.



F. WYATT MFG. CO. 902 N. 5th St. Salina, Kan.



**The Jayhawker Farm News**

BY HARLEY HATCH

Last fall we bought a four-section harrow and we are using this to fit the corn ground. It makes a pretty good load for four horses but with it one can harrow 40 acres in a day and not hurry. We would be very much handicapped on this farm of 400 acres with the six horses we have if it were not for the tractor. With it we can keep both double disk, harrow and planter all in the field at the same time. The double disk on fresh plowing has about the same draft as two plows but the loose footing it has to work on makes harder work for the tractor than the plows would make.

**Best Way to Insure Speed**

Probably tractor work cannot be done any more cheaply than horse work on the average farm and, perhaps, it cannot be done as cheaply in these days of high priced oil and gas and low priced grain and hay. It is not in cheapness of work that we have found the tractor to be the most service to us but in the ability it has to pitch in at the right time and do a lot of work.

A friend writes us from Munden, Kan., this week asking just what it takes in the way of oil and gas to keep our two-plow tractor going. We find, since having a governor installed on the machine, that less gas is being used than last year but that the amount taken is gauged by the depth the plows are operated. Plowing at a depth of 6 inches an average amount of 2 gallons for every acre was used this spring. Our usual day's run was about 6 acres and this run took about  $\frac{1}{2}$  of a gallon of lubricating oil. While the tractor may be run with kerosene we have much better success with gasoline and use that for fuel exclusively.

**Livestock Prices Are Too Low**

For the last 10 days the livestock market has been acting mighty mean and it now appears that cattle and hogs are going to follow grain to the bottom. Because of this, when we had a fair offer for our fat calves this week from a buyer who supplies the Burlington markets with meat, we let them go for \$7 a hundredweight. Perhaps, even this reduced price may look good to us before another year rolls around for financial authorities tell us that cattle are surely going lower. In the spring of 1918 we sold fat calves of identical quality and weight for \$12.50 a hundredweight here. In 1919 we sold a like bunch for \$11 a hundred and now in 1921 we take \$7. We wish that the articles which we have to buy would show a like reduction. We are not asking for the reduction we had to take on our corn, oats and hay, which is in most instances one of 75 to 80 per cent; all we ask is that other lines of business reduce prices by 35 per cent. This may look like a large reduction but farmers would feel happy if they had been obliged to take no more.

**Are Land Values Inflated?**

A friend, writing from Shawnee county, who has noted what we have had to say regarding inflated land prices, asks what we would consider to be a fair price for Eastern Kansas farm land of average production. This is rather a hard question, as so many things enter into farm valuation. For instance, in these days of high freight rates, a farm close to a terminal market is worth much more than one of like production but situated some distance away. Another thing that fixes farm values is the desirability of that particular farm as a place on which to live. If freight rates are not to be reduced the distance from market is going to help in fixing land values more than ever before. For instance, at our old Nebraska home but 28 cents is being paid for corn as we write this while we, here in Eastern Kansas, are getting an average of 45 cents. If this condition continues, our nearness to a terminal market will help to hold up our land values and will depress the values in the Nebraska neighborhood so far from market. Hence with so many things entering into the matter it is rather difficult just now to fix an equitable price on farm land based on the prices that farm produce are likely to bring in the next 10 years.



## The No. 2C Autographic KODAK, Junior

equipped with

Kodak Anastigmat  
f.7.7 lens and Kodak-  
Ball Bearing shutter

# \$25.00

*This Camera fits into a niche, all its own. The size of the picture it makes,  $2\frac{1}{8} \times 4\frac{1}{8}$  inches, is particularly pleasing; is almost up to the full post card size—and yet the camera itself is small, light, convenient.*

*The Kodak Anastigmat lenses are made to exactly fit Kodak requirements. They are not merely an adaptation of a lens to the Kodak. They are a Kodak product designed to fit Kodaks, and in each case designed with particular reference to the size and type of Kodak and Kodak shutter that they are to be used with. The f.7.7 lens used on the 2C Kodak has more speed than the best of the rectilinear lenses and is at least equal to the best anastigmats in depth, sharpness and flatness of field.*

*The Kodak Ball Bearing shutter has speeds of  $\frac{1}{25}$ ,  $\frac{1}{50}$  and  $\frac{1}{100}$  of a second for "snapshots", has the usual time and "bulb" actions for prolonged exposures. It is an unusually reliable shutter, works smoothly and is quiet in its action.*

*The No. 2C Junior is covered with genuine grain leather, is finely finished in every detail, is extremely simple in operation, is "autographic", of course and, with the Kodak Anastigmat lens, produces negatives having that crispness and sharpness that are characteristic of the true anastigmat.*

*The price, \$25.00, includes the excise war tax.*

*All Dealers'*

EASTMAN KODAK COMPANY, ROCHESTER, N. Y., *The Kodak City*

**SCHRADER UNIVERSAL**  
**Kwik-on-an-off**  
**DUST CAPS**  
**GUARD YOUR TIRE VALVES**

YOUR TIRE VALVE STEMS, REAR PROTECTION FROM ACCIDENTAL BURNS AND SAND RUBS DIRT AND GRIT SHOULD BE KEPT FROM THE THREADS OF THE TIRE VALVE STEM AND ITS FITTINGS. KWIK-ON-AN-OFF DUST CAPS DO THESE THINGS EFFECTIVELY AND WITHOUT LOSS OF TIME. Slip Them Over VALVE STEM AND THEN TURN TO THE RIGHT LINE. SCREEN DUST CAP UNTIL TIGHT. WHEN TAKING OFF REVERSE UNTIL LOOSE. ON SMALL DIAMETER TIRE VALVES USE MILLER RIM NUT BUSHINGS ON WHICH KWIK-ON-AN-OFF DUST CAPS FIT PERFECTLY. 1921 MODEL IMPROVED IN DESIGN.

**4 TO A PACKAGE FOR 50 CENTS**  
AT ALL DEALERS OR  
A. SCHRAEDER'S SON, INC., BROOKLYN, N. Y.

## Harvest 20 to 45 Bushel to Acre Wheat in WESTERN CANADA

Think what that means to you in good hard dollars where land costs less, perhaps, than you are paying in rent. Many farmers in Western Canada have paid for their land from a single crop. The same success may still be yours, for you can buy on easy terms.

**Farm Land at \$15 to \$30 an Acre**  
located near thriving towns, good markets, railways—land of a kind which grows 20 to 45 bushels of wheat to the acre. Good grazing lands at low prices convenient to your grain farm enable you to reap the profits from stock raising and dairying.

**Learn the Facts About Western Canada**  
—low taxation (none on improvements), healthful climate, good schools, churches, pleasant social relationships, a prosperous and industrious people.  
For illustrated literature, maps, description of farm opportunities in Manitoba, Saskatchewan and Alberta, reduced railroad rates, etc., write Department of Immigration, Ottawa, Canada, or

**F. H. Hewitt, 2012 Main St., Kansas City, Mo.**  
Canadian Government Agent.



# Oiling the Wheels of the World

**G**ASOLINE is the major product made by the Standard Oil Company (Indiana) and in the manufacture of this most essential product of petroleum, this Company stands in the lead.

ut gasoline is only one of the many products sent to the world with the unqualified guarantee of this organization; for as a manufacturer of lubricants it stands among the leaders.

No service performed by this Company is more important, more essential or more far-reaching than the work it is doing to keep the machinery of the world running smoothly and efficiently.

Of the many lubricating oils and greases sent out under its name, none is more widely known or more universally accepted, than those bearing the Polarine brands.

Polarine is a perfect motor oil. It was first introduced to the motoring world in 1908 when 1100 gallons were sold. Year by year the demand has increased until in 1920, 23,979,050 gallons were manufactured and sold to the car owners in the Middle West.

When first introduced there was but one grade of Polarine oil. Now there are four, each designed to meet the need of certain types of engines.

The development of four grades of oil, one of which will correctly lubricate any type or make of internal combustion engine, is but one of the essential services performed by the research department of this Company.

But lubricating motor vehicles is but a small item when the lubricating service of the Standard Oil Company (Indiana) is considered. Every type of machinery has been studied and an oil or grease perfectly adapted to keep the bearings running smooth and cool has been produced.

From the flying spindles of the loom to the ponderous bearings of the steam roller, each problem presented has been met squarely, fairly and with a deep understanding that to meet its needs was not only good business, but was essential if the Company was to live up to the ideals of service, to which it is committed.

While lubricating the wheels of the world is highly essential, it is but one of the many branches of service which the Standard Oil Company (Indiana) is organized to perform.

In every department of its complex and highly specialized business, the same ideals of thoroughness, integrity and efficiency are insisted upon. The underlying principle in all is to give a maximum of service at a minimum of expense.

**Standard Oil Company**

(Indiana)

910 So. Michigan Avenue, Chicago, Ill.

2424

## For Our Young Readers

### How Our Collie Saved Her Pups

BY ANNA DEMING GRAY

**S**TRANGE stories are told of the freaks played by cyclones and of the behavior of animals in severe wind storms. Not long ago, as an example of this, a friend told me the following story:

The afternoon had been breathless, and as it grew later, a strange hush fell upon the air and not a leaf seemed

elements. Little circles of dust sprang up, whirled wildly and then died out, yet there was no wind.

Suddenly Bonnie sprang up, a tense, rigid figure, every hair on her back standing up straight. She listened intently, and then ran at full speed to the garden and to a place where the ground had been freshly plowed. She dug away furiously, until she had made a deep hole, and then back she ran to the barn and carried her babies one by one to the hole and covered them over.

The children and I had been watching her and we started out to rescue them, but we were stopped by a strange, deep, roaring sound, more like the sound of water a long way off than like thunder, a sound which if once heard, is never forgotten. A cyclone was upon us. We children were alone and we forgot Bonnie and her poor little puppies as we hurried to the cyclone cellar for safety.

In 8 minutes the storm had passed, leaving a trail of uprooted trees and ruined homes in its path. Our own house was left unhurt, but the barn was swept from sight. Just before dark poor Bonnie came dragging herself wearily home. She seemed to have been running for miles, but she made at once for the garden, where she dug eagerly away, until she had uncovered her poor, little brown babies, which we had forgotten. Two of them seemed none the worse for the strange experience, but the third and smallest had been smothered in the close quarters.

We have been wondering ever since how Bonnie knew that a cyclone was coming and what instinct told her a way to save her puppies.

### You Can Make One, Too

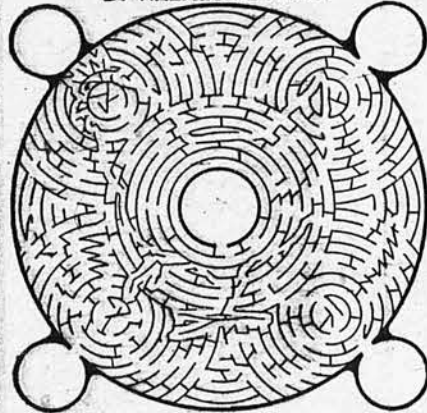


The picture shows the girls of a country Sunday school class on my motor and side car. I think it shows how strong the machine is, don't you? I use it to save the automobile and find it a quick way to and from work. I have ridden it more than 2500 miles and it has worked fine.

Gray Co., Kan. Elmo Frazier.

### FARMYARD MAZE

BY WALTER WELLMAN



Here is another "maze." This time it isn't an elephant or a rabbit. If you can trace the figure correctly send your answers to the Puzzle Editor, the Kansas Farmer and Mail and Breeze, Topeka, Kan. Since this is such an easy puzzle, the prizes—packages of postcards—will go to the first six boys and girls who send correct answers and also the best little letters telling about themselves.

Solution April 23 Puzzle—Cat Puzzle: cattle, scatter, duplicate, vacation, placate and catastrophe. The winners are Bessie Peter, Alice Irwin, Alva Herlicker, Lola Harnden, Woodrow Wilson (not the President) and Russel Schaffer.

to stir. Bonnie, our collie, was more restless than I ever had seen her. Inside the barn, her three puppies lay curled up together in their box asleep. They were little, soft balls of brown fur about 2 weeks old. Bonnie had been a very proud and attentive mother, but that day she kept walking to the box, sniffing at them, and then going back to her place on the porch.

Her strange conduct made us watch her, as she repeated this many times. Finally she stopped close by the box and looked up and down the road, her head held high, as if she were sniffing the air. At last she lay down close by and seemed to be trying to sleep, but one eye lifted now and then, as if she were keeping close watch on the

### Cutting Paper Dolls is Fun for Rainy Days



Do you know what I always do  
When it rains all day,  
And the sun doesn't shine,  
And I can't go out to play?  
My mamma doesn't want me  
To stamp my feet and cry,  
'Cause I must stay inside the house  
Until it's nice and dry.

So I go and ask my mamma  
(Who's sweet as she can be)  
For scissors and a paper,  
And cut the things I see;  
I have the nicest family  
That you 'most ever knew,  
And they are paper people—  
Shep doggie likes them, too!

And when I finish cutting,  
I put my things away  
In mamma's trunk—she said I  
could—  
For another rainy day;  
Then it's time for daddy,  
And the day's 'most done,  
And playing with my paper folks,  
I've had just lots of fun.

—Rachel A. Garrett



## Health in the Farm Family

BY DR. CHARLES H. LERRIGO

Service in this department is rendered to all our readers free of charge. Address all inquiries to Dr. Charles H. Lerrigo, Health Department, Kansas Farmer and Mail and Breeze.

## When to Receive Company

Do you think a girl 14 years old is too young to go with a boy 19 years old? He is a good young man. He is good to me and my brother. What nationality is the best? M. M. H.

Note the rare wisdom of this girl. She comes to the medical adviser with these questions. Most girls, even much older girls, would write to "Aunt Ruth" or "Side Talks with Girls" or the "Sister Mary" column. But here is a girl of 14 with the good judgment that makes her bring these questions to the medical adviser, and I am glad to answer them.

To "go with" a boy does not mean exactly the same thing in town and country alike, but the general purposes are the same. They may seem perfectly innocent and right to the young persons interested, and possibly to the older persons who should be exercising supervision. But they are not healthful. They do not make for sound minds and strong bodies.

So I advise my little girl who is 14 years old to let her 19-year old admirer wear out his goodness upon her brothers. She may play with the boys if she is so inclined. Many girls do. And there is no reason why they should not get as much fun out of baseball, tennis, volley ball and such sports as their brothers. But push the "go with" idea somewhere well into the background and cover it up with school and play and work for about six years. You may thus grow up to be one of those fine, sound women who make the best of Kansas wives and mothers and are real leaders in our state.

## Diseased Tonsils Should be Removed

I have been bothered with a sore throat a great deal this winter and at one time had a severe attack. It felt as if a large lump was in my throat. I could scarcely swallow. Then I have had a sore throat several times. I went to the doctor and had them examined. He told me my tonsils were small and that after I grow older they would get smaller and would almost disappear. Do you think the advice the doctor gave me is all right or should I have my tonsils removed? R. S.

I always dislike to dispute a doctor's advice, especially when it is conservative, but in this case my experience leads me to think that the doctor may be wrong. It is true that normal tonsils should atrophy and disappear as you reach adult life. But if tonsils are diseased this does not happen. They may be diseased seriously without any visible enlargement. So watch your throat and if it does not clear and stay clear, consider the tonsil question again.

## Dieting Better Than Medicine

I have kidney trouble and high blood pressure. I am fleshy, and 50 years old. I am taking nuxvomica and some tablets with other things in the ingredients. I wish to know if they are the best to use. I am told the high blood pressure affects fleshy people mostly on account of too much blood. M. C.

Your idea of high blood pressure is correct. The volume of blood is too a serious cause and more patients with high blood pressure have an under supply rather than excess. Stimulants such as you mention are not usually given in the treatment of this complaint. Perhaps your doctor has some special reason for advising such medicine, but my opinion is that you will get much better results by reducing your diet than by taking medicine.

## Ingrowing Toe Nails

Can you give a good treatment for ingrowing toe nails? S. K. F.

The best way to cure ingrowing toe nails is to remove the pressure. Pay attention to the ingrown part, but after soaking the foot in hot water. Take an old safety razor blade and scrape and pare the upper surface of the nail until it is as thin as it will stand without breaking. Of course you must wear sensible shoes, too.

M. C. H. C.:

If you have a blood pressure of 210 and a kidney lesion it will account for many aches and pains. Enlarged veins usually show in the lower limbs especially below the knee. There is swelling and stiffness in bad cases. A proper bandage applied from ankle to knee often gives great help.

# DEVORE

## LEAD & ZINC PAINT



**FREE! Enough Devore Lead and Zinc Paint for your house—IF**

—under actual test, Devore doesn't wear a year or two or three years longer—longer and better—than any other paint you choose!

Or—paint half your house with Devore, and the other half with whatever you like.

If Devore doesn't take fewer gallons and cost less money, we'll make no charge for Devore!

Can you afford to pass this offer without investigation?

DEVORE PRODUCTS are time-tested and proven,—backed by 166 years' experience of the oldest paint manufacturing concern in the U.S. Founded 1754.

Sold by the Devore Agent in your community



Manufactured by  
**Devore & Raynolds Co., Inc.**  
New York Paints, Varnishes, Stains, Chicago  
Enamels, Brushes, Insecticides



## Every Bit of Fuel Makes Heat

in XXth Century Moist Air Furnaces. The exclusive construction of



XXth Century fire pot, with patent air chamber supplying warm air to the burning fuel is nature's perfect way to combustion.

Every bit of fuel is utilized and gases which ordinarily pass off in smoke are burned. Expense is lowered and efficiency increased.

Write for Catalog and address of dealer

The XXth Century H. & V. Company

AKRON, OHIO

## Elevators Wanted

We are in the market for a few grain elevators, capacity 5,000 to 20,000 bushels, in the vicinity of Salina and Abilene, Kan.

Will buy or lease. State best proposition in first letter.

Solomon Elevator, Solomon, Kan.

J. E. Weber & Co.

References—Solomon National Bank, Solomon, Kan., R. G. Dun or Bradstreets.



America's Pioneer Dog Remedies

## Book On DOG DISEASES And How to Feed

Mailed free to any address by the Author.  
H. Clay Glover Co., Inc.  
118 W. 31st St., New York

## PAINT

BUY DIRECT FROM FACTORY. New price list now ready, WRITE TODAY. Westgate Paint & Linseed Company Kansas City, Mo.

## "Here's Real Tobacco"

says the Good Judge

That gives a man more genuine chewing satisfaction than he ever got out of the ordinary kind.

Smaller chew, lasts longer—so it costs less to chew this class of tobacco.

And the good, rich tobacco taste gives a world of satisfaction.

Any man who uses the Real Tobacco Chew will tell you that.

Put up in two styles

W-B CUT is a long fine-cut tobacco

RIGHT CUT is a short-cut tobacco



Weyman-Bruton Company, 1107 Broadway, New York City



# Our Kansas Farm Homes

Mrs. Ida Migliario  
—EDITOR—

## Childish Fancies

The dooryard is filled with yellow stars,  
The meadow is speckled with blue,  
They are bits of the sky that fell from on high  
When the yellow stars came thru.

The beautiful world has been crying, I know,  
For the grass is all wet with its tears,  
But the robins are here with the songs of good cheer  
That they have been singing for years.

I am sure there's a wedding out there 'mong  
the trees,  
They are dressed all in pink, green and white,  
And out on the air floats sweet perfume  
It fills me with joy and delight.

The breezes are whispering beautiful tales  
Of days that will come very soon,  
When skies are the bluest, sweet summer  
the truest.  
The name of that time? It is June.  
—Maude Slater Mitchell.

## Farm Home News

BY MRS. DORA L. THOMPSON

It is often worth while to do little seemingly unimportant things well. We have frequently wondered what gave one country woman the appearance of having just "stepped out of a bandbox" as the expression used to be. "I can tell you," said one. "She always has on a neat, clean, well-ironed gingham dress."

It is the well-ironed appearance that helps to make the dress attractive. From ironing everything to ironing practically nothing are two extremes of our grandmothers and ourselves. One who can and will launder a gingham dress as our friend does never need be timid about her appearance in company.

Another simple task that we have seen exceedingly well done is the frying of mush. Generally we have sliced cold mush in rather thin slices and browned both sides. The woman who was our hostess at breakfast recently had cut the mush in pieces about 1 inch wide and 1 inch thick and 6 inches long. These, well browned in deep fat, were an ornament to the table as was the pitcher of sirup that accompanied the dish.

A letter from a reader in a western state asks that we suggest what would be a fair price for her to charge for her homemade cookies. This is not easily answered as the materials used in some cookies are more costly than those in others. Then, too, values differ here and there. Here eggs are selling at 20 cents a dozen. In Salt Lake City they are 32 cents. Perhaps some readers could suggest fair prices to ask for butter cookies and for sorghum kinds. At food sales, it is sometimes considered fair to ask 25 cents a dozen for good sugar cookies.

A friend who makes a remarkable success of raising geese says she thinks many persons fail by letting the goslings become lousy. If the young geese are hatched by a goose and mothered by one, they will not be bothered with lice. If they associate with hens, they may get lice when their skin is not oily enough to overcome them.

A baby chick specialist from the college gave a group of chicken raisers some good suggestions. He thinks that frequent, slight shufflings of the eggs in an incubator are of considerable value. A hen in a glass observation nest was noticed to turn the eggs as many as six times in an hour. Too many persons permit the temperature in the incubator to run high during a hatch. This, the chick specialist said, causes the yolks of the eggs to become partially cooked and impossible for the young chick to digest. The chicks may hatch all right but after about eight days, they die from no apparent cause. Indigestion of the cooked yolk was often to blame for the trouble. "We feed sour milk," he said, "because the germs found in it and the germs of white diarrhea cannot live together."

Some ask why so many eggs containing fully developed chicks, failed to hatch. It was the specialist's opinion that lack of moisture often caused chicks to stay in the shell or have parts of the shell stick to them. A turkish towel or something similar, wet in warm water and laid over the eggs when they are pipped will often help in supplying the needed moisture.

The capon experiment proved quite satisfactory. Had the results only been the added value as meat for the table, we should not have been dissatisfied. Those sold brought as much as an equal weight of turkeys would have brought. The 41 netted \$115. The last ones, shipped to St. Louis Easter week brought 44 cents a pound. These birds would have weighed more had they been crate fattened. Perhaps the main objection to the raising of capons is the fact that the best market for them is found so late in the season. Commission firms write that the capon is taking the place of the turkey because the latter is so difficult to raise. There generally is a good market for turkeys. If one could market capons as well as soon as they were full grown, the sound of a rooster's crow might become rare indeed.

## One Thousand Books to Read

In the summer of 1904 there lived in the little town of Republic, Kan., several women who wanted some better means of entertainment than ice cream socials, ladies' aid societies and afternoon teas. Together they began an organization which is now the "Ladies' Library Club." At first there was no definite organization. As a group of women they took up the study of "The

animal brought a record price. Another farmer donated a cow. And so it went, the people realizing that they were getting their money's worth in having a free public library.

The first few books purchased were kept in a rented room but as the number of books increased this was not satisfactory. The women then purchased a building which they still have. From a beginning of a few dozen books, they now have a library of 1,000 volumes.

## The Importance of Sleep

BY MRS. VELMA WEST SYKES

When a child is undernourished, one of the first things the doctor insists on is that he gets plenty of sleep. The growing child should have ten hours of sleep every 24 hours and if your child is not getting that much you are running a risk of impairing his future health.

If your child goes to bed at 8 o'clock, he should be allowed to sleep undisturbed until 6 the next morning. If he goes to bed at 9 o'clock, he should be allowed to sleep until 7 the next morning.

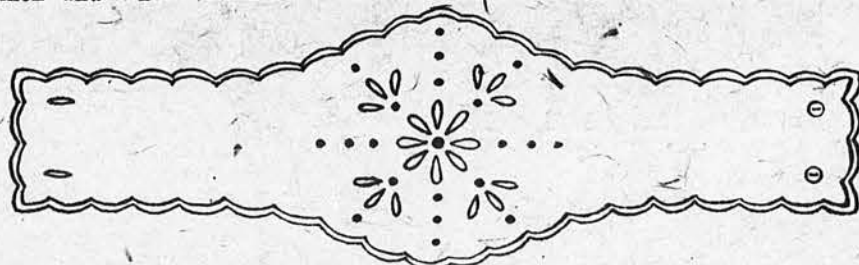
Farmers are noted for their early rising, yet they usually retire early. An adult can go to bed at 9 and get up at 5 and feel no ill effects, as 8 hours of sleep are all that are required for him to recuperate. But that boy who stayed up last night as long as you did is not ready to get up. No wonder you have to stand at the foot of the stairs and call several times and finally threaten to come up if he does not come down. This sleepiness of youth is not laziness; it is simply nature's way of showing what the body needs.

Stupidity has been laid often to the

## Washable Napkin Ring

A WELCOME addition to the linen chest is that of a set of embroidered napkin rings. The rings may be made from white pique or heavy linen and when starched stiff make

practicable holders for the napkins. Any simple design in eyelet or solid embroidery may be used. The edges are attractive when finished with heavily padded scallops. A plain crocheted or picot edge makes a pretty



finish. One letter may be embroidered on each napkin in place of a design. By using a different design for each ring it is not difficult to place napkins for the persons who first used them.

lack of proper rest in childhood. Extreme nervousness often is caused from insufficient rest. The physicians who study these things spent years in this work, it is their specialty; but some persons ignore their advice. Yet how eager they are to accept the advice of specialists about their registered calves.

Is it not a little strange that we will put more energy and thought into blue-ribbon livestock than blue-ribbon children?

New Ideas for Baby's Layette  
BY MRS. G. GILBERT

In making baby's first dresses, cut the shoulders and the sleeves a little longer than they usually are cut for the first garments, then run a piece of tiny linen tape or a small drawstring thru the French seam at both shoulder and sleeve lengths, draw up to the desired length and fasten. In this way the dresses may be made larger with a minute's work at any time. The neck may have a drawstring in it also. For this it is best to draw the neck to the right size and fasten the tape. Then

change as the child grows. Never leave a drawstring loose in the neck of a baby garment for tying, as the cloth is likely to slip and let the narrow tape cut into baby's tender flesh.

Another way to lengthen tiny sleeves for older babies is to cut the sleeves long enough and wide enough so the hemmed edge will form narrow ruffles when gathered about 1 inch from the edge. The gathering threads may be covered with a narrow finishing braid or piece of insertion put on by hand. Then when the sleeves become too short, rip off the trimming, take out the gathering threads and the hems and add neat little bands on the lower edge. These bands should be wide enough to make the sleeves the desired length.

Soft dress shields make good protectors. They may be worn under the bib to keep the neck dry when baby is teething. One shield makes two bibs.

An inexpensive robe for the baby cab may be made of white or blue silk-oline and one roll of fine white cotton for filling. Tack with narrow ribbon, either white, blue or pink. Turn in the edges and buttonhole closely with silk to match the bows. Finish with a row of crocheted shells.

## Women's Service Corner

Send all questions to the Women's Service Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.

### Old-Fashioned Rag Rugs

Will you please give me the address of some reliable firm that makes rag rugs? How many pounds of rags would be needed for a rug 48 by 24 inches? Are the rags prepared in the same way as for the old-fashioned rag carpets?—M. W. S.

McCormick Carpet Cleaning Co., 322 Van Buren St., Topeka, Kan., is a reliable firm that makes rag rugs. The rug you wish would require 2 pounds of rags. They are sewed in the same manner as for the old-fashioned rag carpets.

### Recipe for Cream Cookies

Would you please print a good cream cookie recipe?—Mrs. B. K. L.

The following recipe for cream cookies is good: Boil 1 cup of hot water, ½ teaspoon of salt and ½ cup of butter. When boiling add 1½ cups of flour, and stir well 5 minutes; when cool, add 5 eggs, yolks and whites beaten separately. This is such a stiff mixture, many women find it easier to mix with the hand and some prefer to add the eggs whole, one at a time. When well mixed, drop from a tablespoon on a buttered baking pan some distance apart. Bake 20 to 30 minutes or until brown and well puffed. Split when the cookies are cool and fill with cream.

The cream filling for the cookies is made as follows: Wet 2 tablespoons of cornstarch in cold milk, and cook in 1 pint of boiling milk 10 minutes. Beat 3 eggs, and add ¼ cup of sugar, then add to the thickened milk. Cook in a double boiler 5 minutes. Add 1 salt-spoon of salt or 1 teaspoon of butter, and when cool flavor with lemon, vanilla or almond.

### Wickless Oil Stoves

I should like to have the address of some reliable firm that sells wickless oil stoves.—Mrs. J. K. Y.

I suggest that you write to Fullerton Brothers Hardware and Sporting Goods Co., 713 Kansas Ave., Topeka, Kan. They can supply you with any information about these stoves as they sell them.

### No Good Remedy for Moles

I have been troubled with moles on my face. Is there any method of removing them without leaving a scar?—C. O. D.

I know of no method of removing moles without leaving a scar. It is best to leave them as they are.

### How to Set Color in Linen

Please tell me how to wash my blue linen dress to keep it from fading.—Miss C. O. D.

Try setting the color by using 2 tablespoons of alum to 1 pan of water or 1 cup of salt to 1 tub of water. Hang the dress in the shade to dry.





# These dealers are ready to help with your kitchen work

Send the coupon to learn of the help they have for you

EVERY dealer listed here is ready to provide you with the greatest aid for your kitchen work that you can get. It will save you time and labor, strength and health and give you more freedom from kitchen labor. This aid which will make your kitchen work so much lighter is the Napanee Dutch Kitchenet.

The dealers listed here have selected it after careful investigation because it is a better, finer, kitchen cabinet.

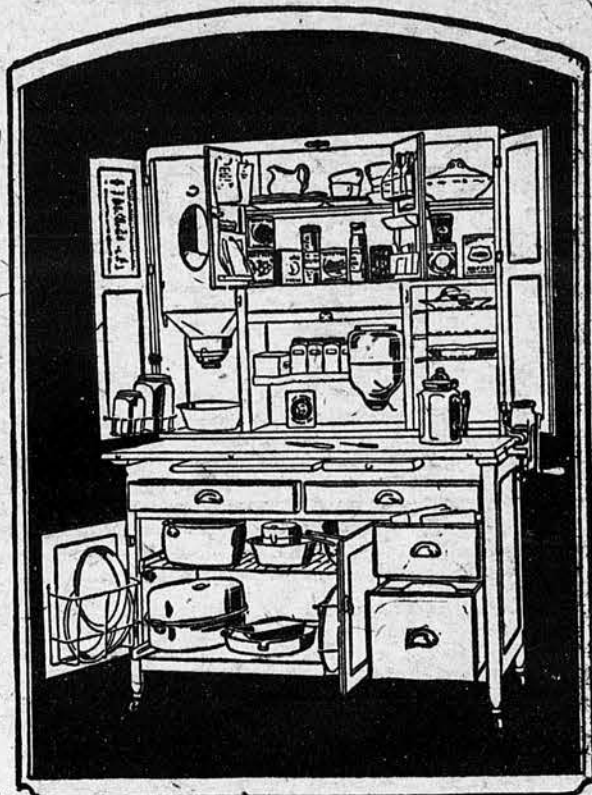
The Napanee saves you more time and more effort because it is scientifically arranged to make every motion count. It is a masterpiece of scientific ingenuity. Its conveniences are more numerous and better designed. These are the reasons why the Napanee saves more work. They are some of the reasons why women everywhere prefer it.

And the Napanee is better built. It is built for lifetime service. Its selected woods and flawless metals will not warp nor crack; the beautiful finish will not peel nor discolor; the doors and drawers will work smoothly always. The Napanee is built, like fine furniture, by genuine cabinet makers, not by carpenters.

In the list of dealers you will find one near you. He will gladly show you all the Napanee's superiorities and explain its savings of time and effort. Or mail us the coupon below and we will send a complete illustrated catalog explaining the help the Napanee will give you. Do it now, lest you forget.

## Are you building?

If you are planning to build a model kitchen write for "What We Learned About Built-in Features." It is a fascinating story giving the right solution to some big kitchen problems. Read it before you build—it will aid you to avoid costly mistakes that mean extra work and loss forever.



COPPES BROTHERS & ZOOK, Nappanee, Indiana

## FIND YOUR DEALER HERE

Dealer	KANSAS	Town	Dealer	KANSAS	Town	Dealer	KANSAS	Town
W. H. Burnham		Abilene	P. W. Hare		Greenleaf	D. C. Waugh		Oskaloosa
W. C. Hasenbank		Alma	G. S. Gollum		Gypsum	Geo. Lathrop		Ottawa
Wilkins & Co.		Altamont	Gus Havemann Furniture Co.		Hays	Oliver Mercantile Co.		Oxford
Carr Bros. Furniture Co.		Anthony	Clevenger & Koger		Herlington	Ellis & Martin Furn. & Carpet Co.		Parsons
Badger Lumber Co.		Argonia	Williams Hardware Co.		Hiattville	L. B. Hammond		Parsons
E. Kirkpatrick		Arkansas City	Parker-Sticker & Noll		Highland	Frank Duvall		Peabody
Kuhns Furniture Co.		Arkansas City	H. N. Goertz		Hillsboro	Utey & Schlapper		Pittsburg
Atchison Furn. & Carpet Co.		Atchison	Ed. Childs		Holtsington	Powhattan Hdw. Co.		Powhattan
Bartholomew & Briggs		Augusta	Fred Schmidt		Holton	Ralph Peacock		Protection
H. E. White		Belle Plaine	O. G. Lockard		Hope	Marshall Bros.		Quenemo
F. R. Bachelor		Belleville	Butt & Cleland		Hoyst	M. E. Ver Brugge		Reading
The Stauffer Furniture Co.		Blue Rapids	Shaffer Furniture Co.		Hutchinson	Reinhart Furniture Co.		Sabetha
Bonner Springs Lbr. & Hdw. Co.		Bonner Sp'gs	R. L. Pomeroy		Independence	The Hanley Furniture Co.		Salina
Sanford A. Day		Bucklin	A. W. Beck Furniture Co.		Iola	Santee Furniture Co.		St. Marys
D. W. Sanders		Burlington	C. L. Hills & Son		Jamestown	Cooper & Huff		Savonburg
B. E. Pratt Furniture Co.		Burlingame	H. C. White & Sons		Jewell	Union Mercantile Co.		Scammon
E. F. Bishop		Burns	E. A. Durbin		Junction City	Edw. Henney		Severance
Chas. Vasterling		Cawker City	Nichols & White		Kanopolis	J. L. Rice Und. Co.		South Haven
L. C. Adams Mercantile Co.		Cedar Vale	Anderson Furniture Co.		Kansas City	The Crosby Bros. Co.		Topeka
Wade & Stanley		Chanute	739 Minnesota		Kansas City	Dawson Furniture Co.		Toronto
C. M. Clark		Chapman	Mosley & Hibler Furniture Co.		Kansas City	Winzer Bros.		Troy
I. N. Anderson		Chetopa	Reliable Furn. & Carpet Co.		Kansas City	A. H. Schuler		Valley Falls
Coffeyville Furniture Co.		Coffeyville	Paris Bros.		Kinsley	T. F. Smith		Vermillion
J. E. Peterson		Clay Center	Geo. H. Butler		La Crosse	P. J. Linenberger		Victoria
O. G. Harris		Colony	C. E. Hesser		LaCygne	Model Furniture Co.		Wakefield
Jones-Ruhland Furn. & Und. Co.		Columbus	A. A. Doerr Mercantile Co.		Larned	J. E. Stewart		Wamego
Rigby & Wilson		Concordia	Eriksen Furniture Co.		Lawrence	Will H. Cortelton		Wellington
Durand-Block Furniture Co.		Council Grove	Wallace & Baade		Leavenworth	Wm. Coughlin		Wellsville
I. Prymek & Son		Cuba	R. J. Addams		Lebanon	Gilbert Marshall Furniture Co.		Wichita
F. A. Ruth		Cunningham	Mr. Glenn Blue		Lebo	Winfield Furniture Store		Winfield
W. G. Davis		Delphos	Lehigh Lumber Co.		Lehigh			
City Furniture Co.		Dodge City	B. G. Hall		Lincoln			
J. Coleman		Eldorado	Erickson Bros.		Lindsborg			
Nolle-Tolle Furniture Co.		Eldorado	J. C. Dunsford		Little River			
E. J. Weber		Ellinwood	Davis & Chandler		Longton			
Krokstrom Bros.		Elsmore	K. M. Kelly Co.		Lyndon			
Samuels Bros.		Emporia	Bradford & Glynn		McLouth			
Schubert Furniture Co.		Eudora	Home Furniture Co.		McPherson			
J. H. Wiggins		Eureka	Upshaw Furn. & Und. Co.		McPherson			
Halfich & Minneman		Fairview	A. Sauder & Son		Madison			
Cook Furniture Co.		Florence	Manhattan Furn. & Und. Co.		Manhattan			
A. W. Miller		Formoso	Mr. G. L. Rice		Marysville			
Covan & Company		Ft. Scott	Anderson & Walrod		Moran			
Larimer Furniture Co.		Ft. Scott	Lloyd & McMillan		Morrill			
Rich & Thoman		Fowler	J. M. Janzen		Moundridge			
D. W. Shearer		Frankfort	Kiblinger & Son		Mound Valley			
Shearer & Moore		Fredonia	Gordon Furn. & Und. Co.		Mulvane			
Girard Furniture Co.		Girard	Hayes & Son		Oberlin			
Lott & Stine		Glascow	Ryan & Co.		Olathe			

COPPES BROTHERS & ZOOK,  
Nappanee, Ind.

Please send me complete information and illustrated catalog of the Napanee Dutch Kitchenet. I want to know its points of superiority and its labor-saving possibilities.

Name.....

Address or R. F. D.....

Postoffice.....





### Use This Test To Determine Oil Stove Efficiency

Here is a simple way—an easy way to quickly determine just how good an oil stove is—  
Inspect the burners. If they carry the trademark, "Kerogas," you may know that the manufacturer is giving his customers the best that money will buy.

For the burner is the heart of the oil stove and the wonderful Kerogas Burner is the only one built of one-piece brass, leak and rust proof, simple and made to outlast the stove that carries it.

By the turn of a little control wheel, the Kerogas Burner gives you a quick fire—a slow fire—an intense or a simmering heat. It is as easy to control as a gas range and just as efficient, simply because the powerful, clean flame within a flame is concentrated directly on the bottom of the cooking vessel.

When you consider that to every gallon of coal oil or kerosene it uses, the Kerogas Burner consumes 400 gallons of air, you will understand why it is so economical from a fuel standpoint and so clean in operation.

Your dealer will gladly show you a number of different oil stoves equipped with genuine Kerogas Burners.

A. J. Lindemann & Hoverson Co.  
1227 First Avenue, MILWAUKEE, WIS.  
Manufacturers of Burners, Ovens, Cooking and Heating Stoves and Ranges

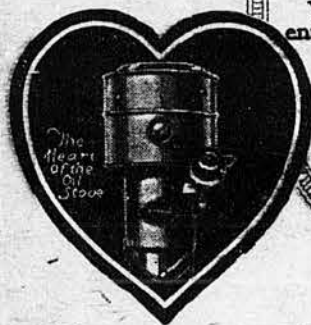
**KEROGAS** BURNER  
Standard Equipment on the better makes of oil stoves  
Now there's a Kerogas Oven, too.  
See one.

#### DEALERS

The best jobbers now supply various brands of excellent oil stoves equipped with Kerogas Burners.



Look for this mark on the oil stove burner.



## Send Us Your Films

Best materials, most skillful workmanship, and helpful suggestions by experts as to cause of failures—all at a cost no higher than you are now paying merely for the developing and printing. Twenty-four hour service given. Send us by mail your hand camera films for developing and printing. We sell absolutely fresh films at usual prices.

SIZE	DEVELOPING	PRINTING
	ROLL FILM 8 Exp. 12 Exp.	PACK 12 Exp. EACH
VP. 1 1/2x2 1/2	10c	20c
BR. 1 2 1/2x3 1/2	15c	25c
1A 2 1/2x4 1/2	15c	25c
3A 3 1/2x4 1/2	15c	25c
2C 2 1/2x4 1/2	15c	25c
3A 3 1/2x5 1/2	25c	50c
4B 4x5	25c	50c
4A 4 1/2x8 1/2	25c	50c
5C 5x7	25c	50c

#### Enlargement Prices on Application

Write your full name and address on roll, state number of prints wanted, enclose remittance to cover and mail in one package to the address given below. A refund will be made for all films not printed, and no films which will not make satisfactory pictures will be printed from. See the article in this issue giving helpful hints for the photographer, telling you what not to do.

**The Copper Photo Service**  
Developing—Printing—Enlarging—Supplies  
E.G. Willard, Mgr., 621 Kan. Ave., Topeka, Kan.

**OTTAWA**  
10 Years Guaranteed  
FREE—Complete  
Engine Look. Won't  
derful bargains. Get my price  
before you choose any engine.  
Write today. OTTAWA MFG. CO.  
551 King Street, Ottawa, Kansas.

**10 Years Guaranteed**  
**FREE—Complete**  
Engine Look. Won't  
derful bargains. Get my price  
before you choose any engine.  
Write today. OTTAWA MFG. CO.  
551 King Street, Ottawa, Kansas.

## ASPIRIN

Name "Bayer" on Genuine



Take Aspirin only as told in each package of genuine Bayer Tablets of Aspirin. Then you will be following the directions and dosage worked out by physicians during 21 years, and proved safe by millions. Take no chances with substitutes. If you see the Bayer Cross on tablets, you can take them without fear for Colds, Headache, Neuralgia, Rheumatism, Earache, Toothache, Lumbago and for Pain. Handy tin boxes of twelve tablets cost few cents. Druggists also sell larger packages. Aspirin is the trade mark of Bayer Manufacture of Monoaceticacidester of Salicylicacid.

### Kill All Flies! THEY SPREAD DISEASE

Placed anywhere, DAISY FLY KILLER attracts and kills all flies. Neat, clean, ornamental, convenient and cheap. Lasts all season. Made of metal, can't spill or tip over; will not soil or injure anything. Guaranteed.

**DAISY FLY KILLER**  
at your dealer or  
5 by EXPRESS, prepaid, \$1.25.  
HAROLD SOMERS, 150 De Kalb Ave., Brooklyn, N. Y.

There is nothing like passing a good thing along, so as soon as you have read Kansas Farmer and Mail and Breeze, pass it along to your neighbor. It will be appreciated.

## Lace Trims the Organdie

Girls' Light-weight Coat for Chilly Days

BY MRS. HELEN LEE CRAIG



9988—Women's Dress. The simple tailored lines of this frock show to good advantage when contrasting materials are used. Linen, gingham and silk are favored materials. Sizes 36, 38, 40 and 42 inches bust measure.

9987—Women's Blouse. This pattern features the popular long waist line. The vest, collar and cuffs are of checked organdie. Sizes 36, 38, 40 and 42 inches bust measure.

9985—Women's Dress. Wide bands of filet insertion are used for trimming many of the summer frocks. This model is made with kimono sleeves and gathered skirt. Organdie seems to be the material best suited for the design. Sizes 36, 38, 40 and 42 inches bust measure.

9993—Women's and Misses' Com-

bination. This new combination of batiste shows the straight, camisole top. It is trimmed with hemstitching. Sizes 16 years and 36, 38, 40, 42 and 44 inches bust measure.

9982—Child's Coat. This reefer for the wee boy or girl is double-breasted and made with a regulation sailor collar outlined with braid. Sizes 2, 4, 6, 8 and 10 years.

9981—Women's Dress. A youthful tunic frock of organdie is shown in this design. It is trimmed in lace. Sizes 36, 38, 40 and 42 inches bust measure.

These patterns may be ordered from the Pattern Department of Kansas Farmer and Mail and Breeze, Topeka, Kan. Price 15 cents each. Give size and number of pattern desired.

### Fishing for Lunches

About six years ago, the women of our community organized a club. Its main purpose was to promote sociability among the members. We met every two weeks at the members' homes, in alphabetical order, and usually had a short program of music, readings or discussions, followed by light refreshments.

During the war, we changed our organization to conform to the rules of the Red Cross, and those who could helped with its work. When there was no longer need for that, the meetings ceased for a time, but about a year ago a number of the mothers realized the need of some social life, so our club was reorganized.

We hold our afternoon meetings on the second Thursday of every month, and during the latter part of every month we have an evening meeting or entertainment for the families of the club members. These evening meetings are held in the school house, which is a new, modern building. It is furnace heated and has a basement where we can set tables to serve refreshments. We elect new officers for the club every six months, and our membership dues are 50 cents a year.

There are only about a dozen families in our community, so we mingle together as one big family. Every one does his part when called on in the programs, the games and the "eats." The president appoints a committee every month to make arrangements for the evening entertainment and it is free to plan whatever it wishes in the way of music, readings, games, contests or stunts. If there is a holiday in the month, the program is generally arranged to celebrate it.

On the evening of January 28 we observed Kansas Day with an appropriate program. We tried a new plan for refreshments. Every woman prepared as many lunches at home as she had members of her family attending. The

lunches consisted of sandwiches, cookies, doughnuts or cake and fruit, packed in a paper sack. The sacks were carried to the library and when supper time came were fished out with a line and pole. Then hot coffee and cocoa were served.

It takes time and thought and effort to make these entertainments successful and interesting, but what that is worth while does not? Surely we should try to make our children feel that home and the home community are the "dearest places on earth," as our children are the dearest interests in our lives.

Mrs. W. S. Dickinson Co., Kansas.

### How to Keep Moths Away

The time has arrived for the storing of winter bedding, woolen clothing and furs. Success lies in the putting away of clean articles, wrapped tightly. After brushing the articles to remove the dust, moths and moth eggs, one should hang them in the sun and wind for a day. Any moth eggs that have not been removed by the first brushing will be burst by the sun and a second brushing will make the garments thoroughly clean.

By wrapping the clothes tightly one will make it impossible for moths to reach them. In the absence of suitable chests heavy white tar or cedar paper bags will serve as excellent protectors for the most valuable of garments. If one stores the garments in chests naphthalene flakes or moth balls will act as repellents to the moth. Camphor may be used but it is less effective.

Not having a mayonnaise mixer, I cut an ordinary envelope in two parts and cut a small opening in one corner of it whenever I wish to make dressing. Into this funnel I pour the oil and am thus enabled to follow the "drop by drop" rule so essential to the successful making of mayonnaise. Mrs. E. M. E.



## Dairy Cows Like Green Feed

Early Spring Pastures Must be Grazed Carefully

BY J. H. FRANDSEN

**D**AIRY cows like green feed and at this time of the year there is naturally considerable impatience to get the cattle on pasture. It is well to remember that under ordinary conditions it pays to keep the cattle off the pasture until the sod has become firm and the grass has started a good growth. Dairy cattle should not be suddenly switched from dry stable feeds to new grass exclusively. It is much better to start them gradually, say for a few hours in the middle of the day, after they have had a good feed of hay. For the first few days they should be taken back to the yards after a few hours in the pasture. Such a plan is not only desirable for the sake of the pasture but gives the cow an opportunity to adapt her system gradually to a change that otherwise would be too sudden. This frequently results in upsetting the cow and causing a feverish condition which often causes bad flavored milk.

### A New Sweet Clover

The new Sweet clover traced to Alabama as its native home by Prof. H. D. Hughes has been definitely named Hubam. This new clover it is said will produce six times as much hay as medium Red clover. It is expected that it will shorten rotation, as it is a legume crop that can be matured the same year it is sowed. Dairymen may be able to get samples by addressing, Farm Crop Section, Agronomy Department, Iowa State Agricultural college, Ames, Iowa.

### Bales Breaks Kansas Record

Kansas has many Holstein cows worthy of special mention. That is one of the difficulties in the way of doing justice to the growth of the Holstein-Friesian business in Kansas; noteworthy animals are being bred, bought and proved faster than publicists are in the habit of expecting such records from a single breed.

Among recent records of note, one was made by Hyde Park Lady De Kol, owned by Orin R. Bales of Douglas county. She gave 669.5 pounds of milk in a week, making 32.52 pounds of butter, the state's record.

The achievement of this cow is all the more noteworthy because Mr. Bales is a new breeder and has a comparatively small herd. That it is a real herd, however, is shown by the fact that of its 17 cows of milking age, the 16 cows in milk at the time this



Hyde Park Lady De Kol, New Record Cow.

test was made, were giving 90 gallons of milk a day. Mr. Bales started his herd in 1917, with one purebred cow. To this start he added carefully made selections of heifers, resulting in a herd which experienced breeders call one of the best in the country for its size.

### Average Cow Not Good Enough

According to available data, the average cow of the United States produces about 3,200 pounds of milk annually, and approximately 120 pounds of fat a year.

Some cows have produced 10 times as much butterfat in a year, and hundreds of cows are producing more than three times as much. If we are in the dairy business, let's not be satisfied with just the average cow.

### Bankers Aid Dairymen

The thoughtful bankers of the Middle West are realizing the necessity of many of their patrons getting back to the dairy cow before they can be assured of a safe income from the farm and be able to liquidate their indebtedness.

They realize that uncertain crops and low grain prices make the purely grain farmer an uncertain risk. Most of these bankers are willing to assist the customer in the purchase of good dairy stock.

### Aggie Board Adopts Resolutions

The Kansas state board of agriculture held a very interesting meeting in Topeka, April 11 which was well attended. Many important questions were discussed and the following resolutions were adopted:

Resolved, That we urge upon Congress to consider seriously the question of farm and livestock products that affect markets for similar commodities of this country, and

Resolved, That if any embargo be ordered it should be followed as speedily as possible by an equitable tariff law which will protect the producers of the United States against the cheap labor and demoralized financial conditions of foreign nations, so long as these factors militate against our agricultural prosperity.

Whereas, present freight rates are in many cases confiscatory and in practically all cases work a severe hardship on agricultural and livestock producers and shippers, as well as the consuming public,

Resolved, That we strongly urge early re-adjustment of railroad rates on a lower basis.

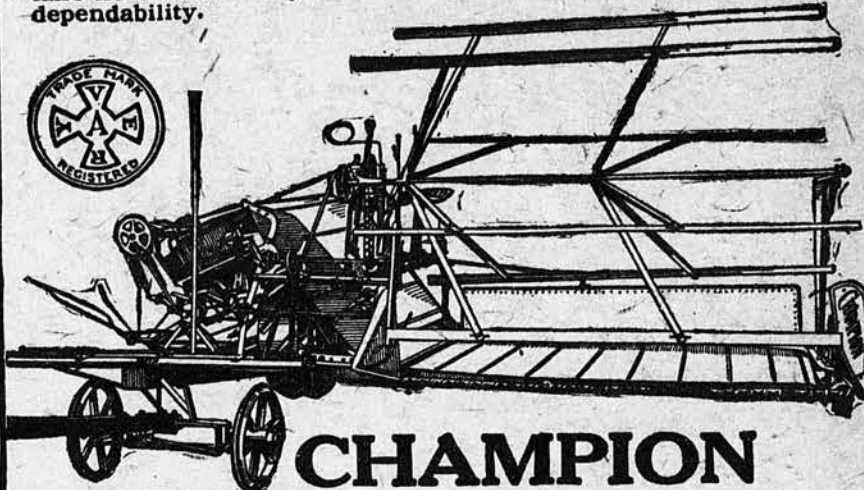
Resolved, That we again assert our belief in the wisdom of Congress enacting laws favorable to the organization and successful operation of co-operative associations.

Resolved, That we urgently request all railroad companies serving the territory comprising the wheat growing districts, to devise methods of reduced rates for transporting labor for a period extending from June 1 to August 1 for those making requisition for such transportation in groups of 10 or more.

The light, inefficient horse is undoubtedly destined to be discarded as a factor in American husbandry, and the indiscriminate breeding of small, unsound, scrubby animals will continue to be highly unprofitable if persisted in.

## Harvesting Machinery You Can Depend On!

Are you supplied with Harvesting and Hay Machinery you can depend on to carry you through the season without mishaps? Harvest-time delays are disastrous—a breakdown may cost you more than a new machine. If you need new machines this year, take no chances—buy those which have earned a reputation for dependability.



## CHAMPION Harvesting Machinery

Have a 70 years' record of success. Thousands of them are still on the job after giving satisfactory service for 15, 20 or 25 years at low cost for upkeep. Champion Binders, Headers, Reapers, Mowers, Rakes, Tedders are ma-

chines you will be proud to own. No investment you can make will pay bigger dividends this year and in the years to come.

If you need Champion repair parts, order them of your dealer NOW!

**B. F. AVERY & SONS, LOUISVILLE, KY.**

Founded 1825—Incorporated 1877

Branches in the Leading Trade Centers

## Divide the price of a De Laval by its years of service for its real cost.

**T**HAT the best is the cheapest in the long run is doubly true of the De Laval Cream Separator.

Divide the price of a De Laval by the years of use you will receive—there are thousands in use from ten to twenty years, and even twenty to thirty years is not an unusual life for a De Laval—and you get a yearly cost that is much lower than that of any other separator you can buy.

Consider also that during all these years of use the De Laval will skim with the utmost efficiency; that it will save instead of waste cream; that it will pay for itself over and over and return you the greatest cash income; and you will readily see why it is the most economical separator to buy.

The De Laval serves the longest time and saves the most cream; that's why there are more than 2,500,000 in use the world over.

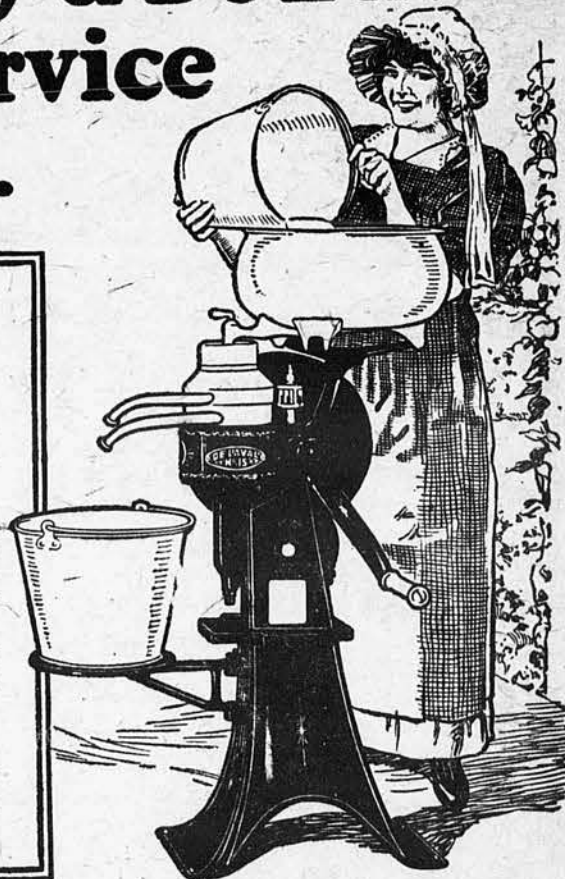
Furnished with hand, power or electric drives; sold only through agents; and if desired, on such terms that it will pay for itself.

**THE DE LAVAL SEPARATOR COMPANY**

NEW YORK  
165 Broadway

CHICAGO  
29 East Madison Street

SAN FRANCISCO  
61 Beale Street



Sooner or later you will use a

# De Laval

Cream Separator or Milker



# BRISCOE

The Trustworthy Car

Let Your Nearest Briscoe Dealer Prove This Statement

Touring Car

Compartment Roadster  
\$1285  
f. o. b. Factory

DeLuxe  
\$1500  
f. o. b. Factory

Coupe—Sedan  
\$1885  
f. o. b. Factory

Speedwagon  
(with thief-proof open body)  
\$1285  
f. o. b. Factory

Panel Delivery  
\$1360  
f. o. b. Factory

*"The 1921 Briscoe Is the Best Car Built Today"*

Thousands of farmers have welcomed the Briscoe statement and challenge to any car for a comparative test. It says something and means something—it gives the buyer a chance to get down to hard facts.

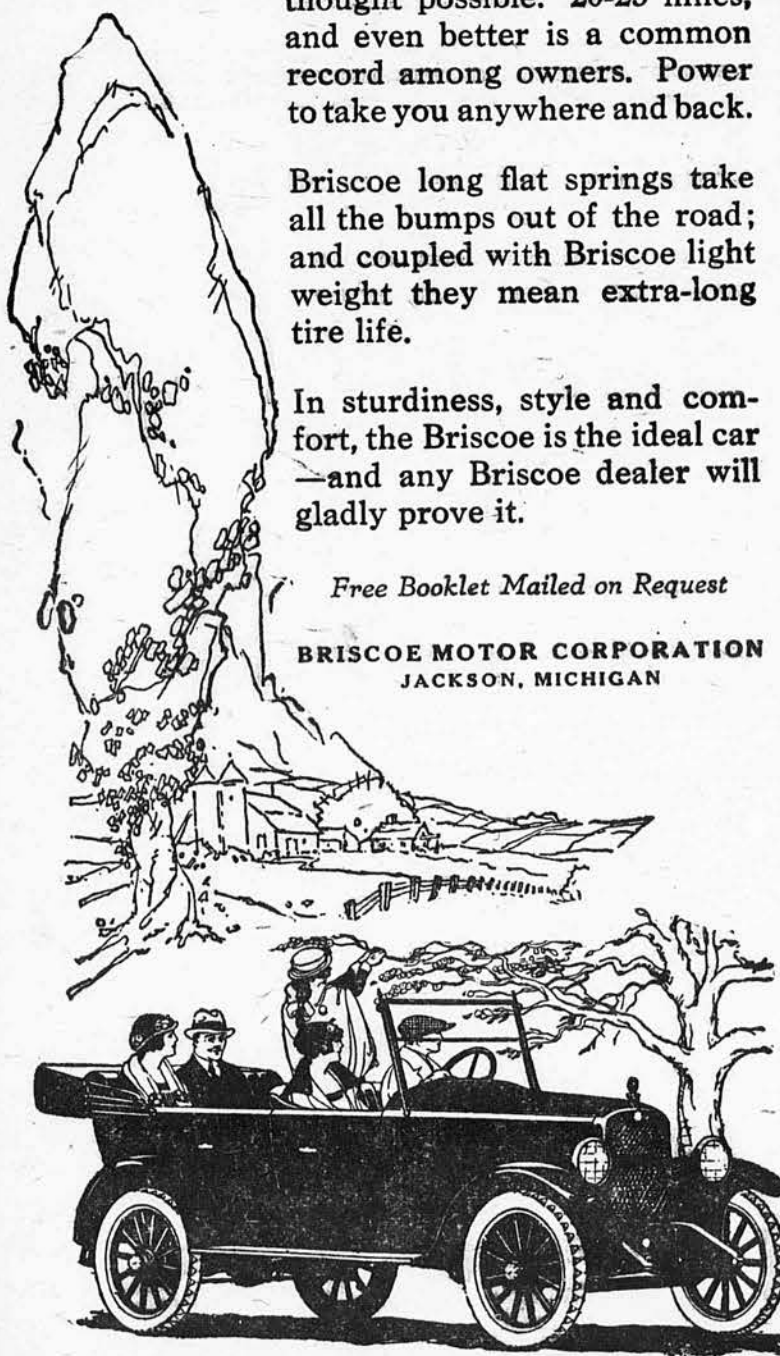
You'll find the Briscoe motor stretches a gallon of gasoline further than you would have thought possible. 20-25 miles, and even better is a common record among owners. Power to take you anywhere and back.

Briscoe long flat springs take all the bumps out of the road; and coupled with Briscoe light weight they mean extra-long tire life.

In sturdiness, style and comfort, the Briscoe is the ideal car—and any Briscoe dealer will gladly prove it.

Free Booklet Mailed on Request

BRISCOE MOTOR CORPORATION  
JACKSON, MICHIGAN



When you write to an advertiser tell him you saw his ad in the Kansas Farmer and Mail and Breeze. This will insure you the best of service and help both you and us.

## Good Crop Yields Expected

The Production Costs This Year Will Be Lower

BY JOHN W. WILKINSON

MANY sections of Kansas report considerable improvement in farm conditions. The labor situation is much better and it is now not so difficult to get farm help at fairly reasonable prices. Chase county and also many other counties report that from a peak of \$50 a month besides board and lodging the prices for farm help now range from \$25 to \$35 a month. Last year at this time it was difficult to get farm laborers even at \$75 a month. Many of the unemployed persons in the cities are at present seeking work on farms and this will make it possible for farmers to get all of the help that they will need at fair prices for planting spring crops and for harvesting wheat and grain a little later in the season. This will help to cheapen the cost of production and in some measure will compensate farmers for the drop in prices of farm products. Several manufacturing concerns have reported price reductions in farm machinery ranging from 15 to 20 per cent and this has proved very welcome and encouraging news to those who will have to add to their farm equipment this year.

### Warmer Weather Needed for Corn

Crop conditions in Kansas at the present time are fairly satisfactory. Recent rains have put plenty of moisture into the ground and as a result wheat and oats have made an excellent start. The cool weather has been beneficial to the wheat, but has had a bad effect on the early planted corn and Irish potatoes. Unless warmer weather comes soon much of the corn crop will have to be replanted. The pea aphid has done considerable damage in the state and it is thought that at least one-fourth of the alfalfa crop will be lost. Up to the present time Western Kansas has been but little affected by the pest. The best method of control is to harrow the alfalfa and then go over the infested field with a roller, cultipacker or a brush drag when the soil is dry enough to make a dust or dirt mulch. Pastures are in good condition and large numbers of cattle have been shipped into Kansas from adjoining states.

Local conditions of crops, livestock, and farm work in the state are shown in the following county reports from the crop correspondents of the Kansas Farmer and Mail and Breeze:

Allen—We have been having very wet weather. Farmers have not been in the fields for two weeks. Wheat, oats and grass are excellent. Some of the corn which has been planted two weeks is coming up. Flax is a very poor stand on account of too much rain. Farmers with a few good cows and flocks of hens have little need to worry.—T. E. Whitlow, April 29.

Anderson—We had a good rain April 25 which was not needed. All small grain is in excellent condition. Very few bugs are reported. Farmers have turned their stock out on pasture. Not much corn has been planted yet and there is a considerable amount of plowing to be done. I believe there will be a larger acreage of kafir planted this year. Eggs are worth 15c and butterfat is 26c; wheat, \$1.10.—J. W. Hendrix, April 28.

Cowley—Nearly all of the corn has been planted. Wheat and oats are doing well since the weather has become warmer. We are having very strong winds which are drying out the soil rapidly. Stock is on pasture and is in good condition. Eggs are worth 14c; hogs \$8.15 to \$9.10; cows \$5 to \$6; shorts, \$1.20; oats, 25c and cream is 34c; hard wheat, \$1; flour, \$3.80; bran, \$1; shorts, \$1.20; corn, 35c to 40c.—Fred Page, April 24.

Edwards—We have been having cool weather accompanied by April showers. Wheat is making a rapid growth. There has not been much corn planted yet for the ground is too cool and cut worms are numerous. A few public sales are being held but prices are not satisfactory. There is not much old wheat left. Wheat is worth \$1.14; corn, 40c and eggs are 11c; hogs, \$6.—Nickie Schmitt, April 29.

Flinney—We are having warm weather now which was badly needed for spring crops. Farmers are working in the fields now. Some corn has been planted. Wheat is excellent. Cattle are in good condition. On April 15 we had cold, snowy weather which hurt the early gardens. Not many public sales are being held. Eggs are worth 17c and butter is selling for 35c.—Max Engler, April 23.

Gray—Farmers are listing corn and other row crops. Ground is in excellent condition and crops are doing well. Although we have had three frosts during the past week, but little damage was done. Wheat is excellent. The Easter freeze damaged oats and barley but wheat has recovered. Wheat is worth \$1.15; barley, 45c; corn, 40c; cream, 32c and eggs are 12c.—A. E. Alexander, April 29.

Greenwood—April has been accompanied with more rain than usual. We have been having local showers lately which are good on the pastures. Everything is growing and farmers are rushing their work in corn planting. Alfalfa is greening up and the pea aphid seems to have left it, but the first cutting will be very late. Oats made a thin stand on account of the freeze.—A. H. Brothers, April 27.

Hodgman—We have had several frosts. The weather is too cool for gardens. Farmers have begun listing for corn. Two sales were held last week but prices are low. Wheat is worth \$1; cream, 33c and eggs are 13c.—W. B. Severs, April 28.

Kearny—We have had plenty of rain the past two weeks. Wheat and barley are excellent. Farmers are preparing the ground for corn, milo, and kafir. Butterfat is worth 36c and eggs are selling for 17c.—Cecil Long, April 23.

Jefferson—Alfalfa was damaged considerably by the bugs, and oats are not making a satisfactory growth. Wheat looks good at the present time. No corn has been planted yet. Livestock is in good condition but is very cheap. We have been having cool weather.—Arthur Jones, April 26.

Rooks—A few farmers are planting corn but the ground is too cold and many are waiting until the weather gets warmer. A few sales are being held but horses and cattle do not sell well. Wheat is worth \$1; corn, 30c; butterfat, 30c and eggs are 13c; oats, 25c.—C. O. Thomas, April 21.

Rush—We have been having showery weather for the past few days and frosty nights. Wheat and oats are in good condition and are making a satisfactory growth. A few farmers are planting corn. The acreage of corn will be less than last year. Livestock is in good condition. Gardens are not doing very well. The market for livestock is very low. Wheat is worth \$1.12; butterfat, 38c and eggs are 13c.—A. E. Grunwald, April 27.

Salina—We have been having high winds with snow and rain. Some corn has been planted. Oats and wheat were damaged considerably by the recent frosts but both crops are looking better at present. A few public sales are being held and horses and cattle are bringing very low prices. Wheat is worth \$1.10; butter, 35c to 40c; butterfat, 37c and eggs are 14c to 15c; hogs \$7 to 7c.—J. P. Nelson, April 23.

Sedgwick—We are having cool, pleasant weather and farm work is well advanced. The trend is more toward diversified farming this year. Wheat is excellent. Some of the fields of oats are promising but many were damaged by the late freezes. The fruit crop will be light. Labor is plentiful and wages are from \$30 to \$40 a month. Eggs are worth 16c; hogs, 18c and butter is from 40c to 50c; milk, \$2.25 a hundred.—F. E. Wickham, April 29.

Smith—The snow lingered in the north part of the county from last week's storm into the first of this week. Farmers have begun listing and report the soil generally in good working condition. Many farmers are working on the roads, disking, and cutting stalks. Eggs are worth 16c and cream is 40c; wheat, \$1.05; corn, 33c.—E. D. Painter, April 22.

Stevens—There is a considerable amount of wheat 18 inches high and heads are forming. We have had frost the past three nights which was extremely hard on the wheat. Barley and oats still look discouraged since the Easter freeze, and other crops will be planted in some of the barley and oats fields. Grass is green but not growing very fast. Wheat is worth \$1.10; milo and kafir, 40c a hundred; dressed beef, 11c, and eggs are selling for 10c; hogs, 6c; hides, 2c.—Monroe Travis, April 28.

Thomas—We had cool weather all thru April. Wheat looks yellow. Barley and oats made a very thin stand. Most of the wheat is being marketed now. Everything the farmer has to sell is very low in price, but there is very little difference in things they buy.—C. C. Cole, April 29.

### Thirty Modern Home Plans Free

Any reader of Kansas Farmer and Mail and Breeze who is even thinking of building a new home should get this beautiful plan book picturing thirty modern, up-to-the-minute designs planned by experts. Blue prints of any of these plans may be obtained without cost. You can also get an exact statement of cost of all material needed at a saving of one-third to one-half.

Just write Mr. Kannally, 1712 Troost Avenue, Kansas City, Missouri, for this beautiful home plan book, and he will send along with it a bulletin picturing many Money-Saving bargains in all kinds of building material.—Adv.

### NO JOKE TO BE DEAF

Every Deaf Person Knows That I make myself hear after being deaf for 25 years, with these Artificial Ear Drums. I wear them day and night. They are perfectly comfortable. No one sees them. Write me and I will tell you a true story, how I got deaf and how I make you Medicated Ear Drum hear. Address GEO. P. WAY, Artificial Ear Drum Co. (Inc.) 29 Adelaide St., Detroit, Mich.

### FERTILIZE YOUR CORN

On account of backward season and late planting, insure your crop by using Cochrane's Fertilizer. Also MEAT MEAL TANKAGE for hogs and chickens at reduced prices.

COCHRANE PACKING CO.  
Armour Station Kansas City, Kan.

Make Him Worth More  
Trim that Mule with these More  
shoers. Made like big mule  
raisers demand. Offset handle. Fits hand  
perfectly. Solid steel blades that hold edge.  
Won't chew nor slip hair. 101-3 inches long.  
If your dealer hasn't them, send us \$2  
for pair postage. Money-back guarantee.  
W. C. HEIMERDINGER, Dept. 46  
Louisville, Ky.



## Grain Trade Shows Improvement

BY JOHN W. SAMUELS

The Emergency Tariff bill which has been before the Senate for some time has been loaded down with amendments until now it bears but little resemblance to the original bill. On account of these changes and additions it is quite likely that there will be considerable discussion and possibly some long debates before a final agreement is reached. This will cause considerable delay and in the end will rob farmers of much of the benefits that might be expected from a speedy passage of this measure.

## Slight Gain for Wheat

Sharply higher prices of wheat resulted both at Chicago and Kansas City from general buying based largely on the scantiness of stock for delivery on contracts. Advances indicated that foreign buyers were still bidding, but the demand was not active. European political news at the end of the week was considered a little more favorable and aided a bullish tendency. The market closed unsettled at 1½ cents to 3½ cents net advance with May wheat in Chicago \$1.30½ to \$1.30½ and July wheat at \$1.06 to \$1.07½. May wheat in Kansas City closed at \$1.19½ and July wheat at 98½ cents. May corn in Kansas City closed at 50½ cents and July corn at 54½ cents, while May oats were quoted 33½ cents and July oats at 35 cents.

Cash sales of wheat in Kansas City showed slight advances. Both hard and dark hard wheat were from 2 to 4 cents higher and there was a fair demand for both. The following sales were reported at Kansas City: No. 1 dark hard, \$1.39 to \$1.41; No. 2 dark hard, \$1.39 to \$1.41; No. 3 dark hard, \$1.38 to \$1.41; No. 1 hard wheat, \$1.32 to \$1.35; No. 2 hard, \$1.30 to \$1.38; No. 3 hard, \$1.28 to \$1.33; No. 1 Red wheat, \$1.34 to \$1.35; No. 2 Red, \$1.32; No. 3 Red, \$1.30; No. 1 mixed wheat, \$1.32 to \$1.35; No. 2 mixed, \$1.33 to \$1.35.

## Corn a Cent Higher

Corn was quoted steady to 1 cent a bushel higher and the demand was fair for light offerings. The following sales were reported:

No. 2 White corn, 53½ to 54 cents; No. 3 White 51½ cents; No. 4 White, 50 to 51 cents; No. 1 Yellow corn, 57 cents; No. 2 Yellow, 56 cents; No. 3 Yellow, 56 cents; No. 4 Yellow, 53 to 55 cents; No. 2 mixed corn, 53 cents; No. 3 mixed, 51 cents; No. 4 mixed, 49 cents.

The following quotations were reported on other grains: No. 2 White oats, 41 to 41½ cents; No. 3 White, 40½ cents; No. 4 White, 39½ cents; No. 2 mixed oats, 37 to 38 cents; No. 3 mixed, 36 to 37 cents; No. 2 Red oats, 37 to 38 cents; No. 3 Red, 36 to 37 cents; No. 4 Red, 35 to 36 cents; No. 2 White kafir, 88 cents; No. 3 White kafir, 85 cents; No. 4 White kafir, 82 to 83 cents; No. 2 milo, \$1.04; No. 3 milo, \$1 to \$1.01; No. 4 milo, 98 to 99 cents; No. 2 rye, \$1.14 to \$1.15; No. 3 barley, 50 to 51 cents; No. 4 barley, 50 cents.

## Better Demand for Millfeeds

Considerable improvement during the week was noted in the millfeed situation and there was a much better demand evident. Hence it was not surprising to find better prices coming as a result of that demand. The following sales were reported at Kansas City: Bran, \$14.50 to \$15 a ton; brown shorts, \$16 to \$17; gray shorts \$17 to \$18; linseed meal \$35 a ton on Milwaukee basis; cottonseed meal, \$37 to \$38 a ton on Milwaukee basis.

## Hay Shipments Small

Only small shipments of hay were received at Kansas City during the week but the market continued steady. Alfalfa sold for \$6 to \$22 a ton; prairie hay \$9.50 to \$14 a ton according to grade and quality; timothy hay \$8 to \$10.50; and mixed clover, \$14.

The following quotations are reported at Kansas City at the close of the week: Choice alfalfa, \$24 to \$27 a ton; No. 1, \$21 to \$23; standard, \$17 to \$20.50; No. 2, \$13 to \$16.50½; No. 3, \$9.50 to \$12.50; No. 1 prairie hay, \$12.50; No. 2 prairie, \$10 to \$12; No. 3, \$9.50 to \$9.50; No. 1 timothy hay, \$18.50 to \$20; standard, \$17 to \$18; No. 2 timothy, \$14 to \$16.50; No. 3, \$11 to \$12.50; light mixed clover hay, \$16 to \$17; No. 1, \$14 to \$15.50; No. 2, \$9 to \$13.50; light mixed clover hay, \$14.50; No. 2, \$8 to \$12.50; packing hay, \$5 to \$6; straw, \$8.50 to \$9.

# Now That Coupon is Worth \$2 on a Famous New Butterfly

**—But You Must Act NOW!**  
We will accept the coupon below the same as cash for full payment of \$2 on any 1921 model New Butterfly Cream Separator. Don't send a single penny in advance. Just fill out the coupon telling us which size machine you want (see list below) and we will ship it for you to try 30 days in your own home. Then you can find out for yourself just how much a New Butterfly Cream Separator will save and make for you. You can see for yourself before you pay a cent how easily this great labor-saving money-making machine will save enough extra cream to meet all the monthly payments before they are due.

**In this way you won't feel the cost at all. You will have the Separator to use on your farm and your money in your pocket.**

**If at the end of 30 days' trial, you are not pleased, just send the machine back at our expense. We will pay the freight both ways. You don't risk a single penny.**

**No Discs to Clean**  
The New Butterfly is the easiest cleaned of all Cream Separators. It uses no discs—there are only 3 parts inside the bowl, all easy to wash. It is also very light running with bearings continually bathed in oil. Free circular tells all about these and many other improved features.

## Send No Money—Just The Coupon—Save \$200

**How the COUPON Saves You \$2**  
By ordering direct from this advertisement you save all expense of catalogs, postage, letters and time. And we give you the benefit of this saving if you send the coupon now. Furthermore, isn't it better to have one of these big money-making machines to use instead of a catalog to read? Wouldn't you like to compare the New Butterfly with other Separators in your neighborhood regardless of price? Wouldn't you like to see just how much more cream you would save if you owned a Separator? We believe you would, so we send you a machine from our factory to try 30 days. Then if you decide you want to keep it the coupon counts the same as a \$2 payment. You take that much right off from our factory price on any size Separator you select. For example, if you choose a \$44 machine you have only \$42 left to pay in 12 easy payments of only \$3.50 a month. If you select the \$56 machine you will have only \$54 left to pay in 12 easy payments of only \$4.50 a month—and so on.

**The Coupon Makes First Payment And the Separator Itself Pays the Rest**  
You get the benefit of the great saving in time and work while the Separator is paying for itself. After that the profit is all yours, and you own one of the best Separators made—a steady profit producer the year 'round—a machine guaranteed a lifetime against all defects in material and workmanship, and you won't feel the cost at all. If you decide to keep the Separator we send you, you can pay by the month, or you can pay in full at any time and get a discount for cash. The coupon will count as \$2 just the same. The important thing to do now is to send the coupon, whether you want to buy for cash or on the easy payment plan. We have shipped thousands of New Butterfly Cream Separators direct from our factory to other farmers in your State on this liberal plan.

**Pick Out Size You Need**  
Order from this Advertisement on 30 Days' Trial. Use Coupon

**No. 2½—Machine illustrated at left. Capacity up to 250 lbs. or 116 qts. of milk per hour.**  
Price, \$44.00  
TERMS: Free \$2.00 coupon with order. Balance, \$3.50 a month for 12 months.

**No. 3½—Machine shown at left. Capacity up to 400 lbs. or 195 qts. of milk per hour.**  
Price, \$56.00  
TERMS: Free \$2.00 coupon with order. Balance, \$4.50 a month for twelve months.

**No. 4½—Machine shown here. Capacity up to 500 lbs. or 250 qts. of milk per hour. Price \$65.00**  
TERMS: Free \$2.00 coupon with order. Balance \$5.25 a month for 12 months.

**No. 5½—Machine shown here. Capacity 600 lbs. or 300 qts. of milk per hour. Price \$74.00**  
TERMS: Free \$2.00 coupon with order. Balance \$6.00 a month for 12 months.

**No. 8—Machine shown here. Capacity up to 850 lbs. or 425 qts. of milk per hour. Price, \$78.00**  
TERMS: Free \$2.00 coupon with order. Balance \$6.40 a month for 12 months.

**It is Always Best—**  
to select a larger machine than you need. Later on you may want to keep more cows. Another thing also, remember, the larger capacity the less time it will take to do the work.

**ALBAUGH-DOVER CO., 2310 Marshall Blvd., Chicago**

### 100,000 Farmers Wanted

To try the new Sure Tie Binder Knotter Hook and take their neighbors' orders. Absolutely guaranteed to do satisfactory work under the most difficult conditions. Yielding jaw enables Hook to tie perfectly the most uneven twine, hard or soft fibre, one, two or three strands. Made of hardened drop forged steel. Big money for hustlers. Write at once for particulars and literature as time is short.

Factory—Minneapolis, Minn.

References: Millers & Traders Bank, Minneapolis; Citizens State Bank, Minneapolis.

**AUTOMATIC BINDER KNOTTER HOOK CO., 336 West 9th St., Kansas City, Mo.**

### FREE BOOK Learn Piano!

This Interesting Free Book shows how you can become a skilled player of piano or organ in your own home, at one-quarter usual cost. Dr. Quinn's famous Writer-Method is endorsed by leading musicians and heads of State Conservatories. Successful 20 years. Play chords at once and complete piece in every key, within 4 lessons. Scientific yet easy to understand. Fully illustrated. For beginners or teachers, old or young. All music free. Diploma granted. Write today for 64-page free book. "How to Learn Piano or Organ."

M.L. QUINN, CONSERVATORY, Studio C.F. 25 593 Columbia Rd. Boston, 25, Mass.

---

### Pay for a Used AUTOMOBILE ON THE INSTALLMENT PLAN

All cars overhauled & repainted. Includes 10¢ for special Bargain Bulletin and explanation.

**EUREKA AUTO CO., Rebuilders, Easttown, Pa.**

### Money In Baling Hay!

**Lightning Line** A Press for Every Purpose

**WEN WANTED!** If you can invest a little money in a hay baler we will show you how to make more money than running a farm. Send your name today.

**KANSAS CITY HAY PRESS & TRACTOR COMPANY**  
911 West 4th Street Kansas City, Mo.

## Stop Using a Truss

**STUART'S PLAPAO-PADS** are different from the truss, being medicine applicators made of soft adhesive purposely to hold the distended muscles securely in place. No straps, buckles or spring attached—cannot slip, so cannot chafe or press against the public bone. Thousands have successfully treated themselves at home without hindrance from work—most obstinate cases conquered.

Soft as velvet—easy to apply—Inexpensive. Awarded Gold Medal and Grand Prix. Process of recovery is natural, so afterwards no further use for trusses. We prove it by sending Trial of Plapao absolutely FREE. Write name on Coupon and send TODAY.

**Plapao Co., 396 Stuart Bldg., St. Louis, Mo.**

Name.....  
Address.....  
Return mail will bring Free Trial Plapao.....

As soon as you have read this issue of Kansas Farmer and Mail and Breeze pass it along to your neighbor.



# FARMERS' CLASSIFIED ADVERTISING

Rate: 12 cents a word, each insertion, on orders for less than four insertions; four or more consecutive insertions the rate is 10 cents a word. Count as a word each abbreviation, initial or number in advertisement and signature. No display type or illustrations admitted. Remittances must accompany orders. Real estate and livestock advertising have separate departments and are not accepted for this department. Minimum charge, ten words.

## TABLE OF RATES

Words	One time	Four times	Words	One time	Four times
10.....	\$1.20	\$4.00	26.....	\$3.12	\$10.40
11.....	1.32	4.40	27.....	3.24	10.80
12.....	1.44	4.80	28.....	3.36	11.20
13.....	1.56	5.20	29.....	3.48	11.60
14.....	1.68	5.60	30.....	3.60	12.00
15.....	1.80	6.00	31.....	3.72	12.40
16.....	1.92	6.40	32.....	3.84	12.80
17.....	2.04	6.80	33.....	3.96	13.20
18.....	2.16	7.20	34.....	4.08	13.60
19.....	2.28	7.60	35.....	4.20	14.00
20.....	2.40	8.00	36.....	4.32	14.40
21.....	2.52	8.40	37.....	4.44	14.80
22.....	2.64	8.80	38.....	4.56	15.20
23.....	2.76	9.20	39.....	4.68	15.60
24.....	2.88	9.60	40.....	4.80	16.00
25.....	3.00	10.00			

## RELIABLE ADVERTISING

We believe that every advertisement in this department is reliable and exercises the utmost care in accepting classified advertising. However, as practically everything advertised in this department has no fixed market value, and opinions as to worth vary, we cannot guarantee to reach the buyer or broken or to hatch, or that fowls or baby chicks will reach the destination alive. We will use our offices in attempting to adjust honest disputes between buyers and sellers, but will not attempt to settle minor disputes or bickerings in which the parties have vilified each other before appealing to us.

**Special Notice** All advertising copy discontinuance or change of copy intended for the Classified Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

## AGENTS.

**AGENTS WANTED—MASON SOLD 18** sprayers and auto washers one Saturday. Profits \$3 each. Square deal. Write Rustler Company, Johnstown, Ohio.

**350% PROFIT: BIG REPEATER. KLEAN-**rite Magic clotheswashing wonder. Sells 350. Profit 18c. Samples free. Bestever Products Co., 1941-BV Irving Park, Chicago.

## EMPLOYMENT

**GOVERNMENT CLERKS NEEDED BADLY** (men-women). \$1,600-\$2,300. No experience. Write Ozment, 167, St. Louis.

## SERVICES OFFERED

**PLEATINGS—MRS. M. J. MERCER, 800** Topeka Ave., Topeka, Kan.

**PATENTS, BOOKLET AND ADVICE** free. Watson E. Coleman, Patent Lawyer, Pacific Building, Washington, D. C.

**COLLECTIONS, ACCOUNTS, NOTES,** claims collected everywhere on commission; no collection, no pay. Allen Mercantile Service, 252 Lathrop Bldg., Kansas City, Mo.

**LET US TAN YOUR HIDE—COW AND** horse hides for fur coats and robes. Cow and steer hides into harness or sole leather. Catalog on request. The Crosby Frisian Fur Co., Rochester, N. Y.

**INVENTORS WRITE FOR OUR ILLU-**strated book and evidence of conception blank. Send model or sketch for our opinion of its patentable nature. Highest references, prompt service. Reasonable terms. Victor J. Evans & Co., 825 Ninth, Washington, D. C.

**DON'T WASTE YOUR SPARE TIME—IT** can be turned into money on our easy plan. We have a splendid offer for ambitious men or women who desire to add to their present income, and will give complete details on request. Simply say, "Tell me how to turn my spare time into dollars" and we will explain our plan completely. Address, Circulation Manager, Capper Publications, Topeka, Kan.

## BUSINESS OPPORTUNITIES

**PATENT RIGHT FOR SALE OR TRADE.** Simplest and most efficient crude oil burner for steam boilers. Make me an offer for cash or real estate. Geo. F. Tinkham, P. O. Box 1644, Washington, D. C.

**HANDLE MORE BUSINESS? ARE YOU** getting all the business you can handle? If not get big results at small cost by running a classified ad in Capper's Weekly, which calls on 500,000 families every week. Sample copy free for asking. Only 15c a word each week, 12c per word on four consecutive time orders. This rate does not apply on real estate advertising. Send in a trial ad now while you are thinking about it. Capper's Weekly, Topeka, Kan.

**PUT YOUR BUSINESS BEFORE MORE** than 1,250,000 farm families in the 16 richest agricultural states in the Union by using the Capper Farm Press. A classified advertisement in this combination of powerful papers will reach one family in every three of the great Mid-West, and will bring you mighty good results. This does not apply to real estate or livestock advertising. The rate is only 70 cents per word, which will give you one insertion in each of the five papers, Capper's Farmer, Kansas Farmer and Mail and Breeze, Missouri Ruralist, Nebraska Farm Journal, and Oklahoma Farmer. Capper Farm Press, Topeka, Kansas.

## PERSONAL

**MISSING PERSONS LOCATED, NO MAT-**ter how long gone. Special service men. United States and Canada. Fees reasonable. Send us details. The Searcher Company, 814 Campbell Street, Kansas City, Mo.

## FOR SALE

**HEDGE POSTS IN CAR LOTS, WALTER** O. Ellison, Cherryvale, Kan.

**KAPRI HEADERS—FEED GRINDERS,** automobile power transmitters. Sold direct. Write Fremont Foundry, Oklahoma City, Okla.

**BLACKSMITH SHOP WITH TOOLS AND** machinery. Complete stock to last the summer around. For sale, or trade for city property. Good location on railroad in country town. W. T. care Kansas Farmer and Mail and Breeze.

## MACHINERY

**STRAUDE MAK-A-TRAC, JR. PRICE \$65.** W. P. Brazill, Ottaville, Kan.

**26-INCH CASE SEPARATOR, NEW LAST** year, \$1,250. Box 577, Ashland, Kan.

**DANDY FRICK 36X60 SEPARATOR, COM-**plete \$650. S. B. Vaughan, Newton, Kan.

**EVERY SIX CYLINDER MOTOR CULTI-**vator, slightly used. Pacey Bros., Longford, Kan.

**30-60 RUMELY OIL PULL, 36X56 NICHOL** Shepard separator, A-1 condition. J. Hoover, Greenleaf, Kan.

**DEERING HARVESTER THRESHER, CUT** 100 acres. Good as new. Price \$1,450. F. Tiesmeyer, Kingman, Kan.

**32-56 ADVANCE SEPARATOR COMPLETE.** Sell or trade. Too small for engine. L. E. Morris, Valley Center, Kan.

**FOR SALE—ONE 20X36 CASE STEEL SE-**parator, one 15-30 International tractor. Jacob Ehrhardt, Ramona, Kan.

**FOR SALE—NEW AVERY SEPARATOR** size 32X54 in. only threshed 8,000 bu. Write Jacob Berschauer Jr., R. No. 2 Box, Russell, Kansas.

**FOR SALE—RUMELY OUTFIT, NEW LAST** July, 20-40 tractor, 32X52 separator, 15-27 Case tractor, 3-bottom plow. W. H. Schaman, Ness City, Kan.

**FOR SALE—NICHOL SENIOR TRACTOR,** Junior Red River Special Separator, La Crosse 4-bottom and 6-disc Plows, and John Deere Binder. J. F. Poos, Easton, Kansas.

**FOR SALE: 20 H.P. STEAM ENGINE AND** 36 in. separator and 30-60 oil tractor or will trade either outfit for good "Combine" either Deering or McCormick. W. M. Prather, Oakley, Kansas.

**20-75 NICHOLS STEAM ENGINE, 36-56** Nichols Steel Separator, new condition, \$3,500. 16-50 Reeves Steam Engine, 32-54 Huber Separator, \$1,800. 40-80 Wallace Gas Tractor, 36-60 Port Huron Separator, 10 Bottom Deere Plow, \$2,800. New Sandwich 6-hole Sheller, \$450. Box 231, Lodgepole, Nebraska.

**FOR SALE, BARGAIN PRICES—25 H. P.** Double Simple Reeves, 20 H. P. Double Cross Compound Reeves, 36X60 and 32X52 Advance Rumely separators, 20 H. P. Baker steam single cylinder, 12-25 two cylinder Case tractor and 20X36 Case steel separator. Two Fordsons with plows, 5-bottom Grand Detour rigid beam plow, 16-30 Oil Pull, 12-20 Oil Pull, 8-16 Mogul, Advance weigher with cross conveyor, Peoria weigher with swinging conveyor. All in first class shape. Wakefield Motor Co., Wakefield, Kansas.

## EDUCATIONAL

**FINLAY ENGINEERING COLLEGE, KAN-**sas City, Mo. Mechanical, electrical, armature winding, auto-elec. 6 weeks to 2 years. Write for catalog. Enroll any time.

**BE AN EXPERT PENMAN, WONDERFUL** device guides your hand, corrects your writing in few days. Complete outline free. Write—G. J. Ozment, 40, St. Louis, Mo.

**U. S. GOVERNMENT WANTS HUNDREDS** Railway Mail Clerks. Men-women, over 17, \$1,600 first year; yearly raise to \$2,300. Vacation with full pay. Women given office work. Permanent, life positions. No strikes or layoffs. Common education sufficient. Pull unnecessary. Write immediately for list Government positions open. Franklin Institute, Dept. L15, Rochester, N. Y.

## HOSIERY

**NOT C. O. D. BUT STRAIGHT CREDIT.** Three pairs men's guaranteed half hose for \$1. Examine them and pay within five days if satisfied. Otherwise, write us for return postage. Hose has 3-thread flisle heels and toes. Broadcloth finish. You cannot buy them in stores. Offer open only to rural route patrons. Others should send cash. Mention size, Missouri Hosiery Mills, Dept. K, Piedmont, Mo.

## TRACTORS

**12-25 CASE TRACTOR, RUN 10 DAYS, A** bargain. Geo. Dietrich, Carbondale, Kan.

**WISCONSIN TRACTORS SATISFY. ASK** Wisconsin owners. For literature write, S. B. Vaughan, Newton, Kan.

**A LATE MODEL MOLINE UNIVERSAL** Tractor with three bottom plow, all brand new, never used. \$1,300. F. B. Parker, Robinson, Kan.

## FOR THE TABLE

**OUR CELEBRATED EXTRACTED HONEY** per 60 pound can, \$11; two, \$21. Strained at \$9.50 and \$18. Frank H. Drexel, Crawford, Colo.

**"THEBEST" ROCKY MOUNTAIN HONEY,** light colored, thick, fine flavored. Per case five pounds net, postpaid anywhere west of Ohio river, \$1.50. Send remittance with order. The Colorado Honey Producers' Association, Denver, Colo.

## TOBACCO

**HOMESPUN SMOKING AND CHEWING** tobacco, 10 pounds, \$2.50; 20 pounds, \$4. Farmers Union, Mayfield, Ky.

**NATURAL RED LEAF TOBACCO DIRECT** to consumer, prepaid. Best grade, 5 lbs., \$2. Extra smoking, 5 lbs., \$1.50. W. B. Adams, Sharon, Tenn. Reference, Bank of Sharon.

## LIVESTOCK COMMISSION FIRMS

**SHIP YOUR LIVE STOCK TO US—COMPE-**tent men in all departments. Twenty years on this market. Write us about your stock. Stockers and feeders bought on orders. Market information free. Ryan Robinson Commission Co., 425 Live Stock Exchange, Kansas City Stock Yards.

## STRAYED

**TAKEN UP BY TOBIA HAROLD AT** Kansas City, Wyandotte county, Kansas, on the 25th day of March, 1921, one small gray mare with warts under its tail and large right knee. William Beggs, County Clerk, Kansas City, Kan.

## BUILDING SUPPLIES

**WHOLESALE PRICES LUMBER AND** bale ties. Hall-McKee, Emporia, Kan.

**HOME PLANS FREE—THIRTY UP-TO-**the-minute designs planned by experts. Blue prints also free. Guaranteed, wholesale, delivered price on all material. Get our money-saving prices on any building plan or repair job. Absolute satisfaction guaranteed. Send name for home plan book and illustrated bulletin picturing bargains in all kinds of building material. King Lumber Company, 1752 Troost Avenue, Kansas City, Missouri.

## PET STOCK

**FERRETS GAME HUNTERS, GOOD RAT-**ters, bred females. K. Breman Co., Danville, Ill.

**NEW ZEALAND AND FLEMISH GIANT** pedigree rabbits for sale. M. Emmons, Garnett, Kan.

## MISCELLANEOUS

**PHONOGRAPH RECORDS AND PIANO** Rolls exchanged, trade old for new. Stamp brings list. Fuller, Wichita, Kan.

**FREE ENLARGEMENT 5X7 INCHES FROM** each roll sent is for developing and finishing. Mail your films today, or send for prices and particulars. Topeka Photo Supply Co., Box 427, Topeka, Kan.

## SEEDS AND PLANTS

**SOY BEANS, J. R. COTTON, STARK, KAN.** CANE SEED, CHOICE SUMAC, \$1.25. E. L. Richard, Hunnewell, Kan.

**CANE SEED, BLACK AMBER, 60 CENTS** bushel. Jay Andrews, Bloom, Kan.

**BRIGHT RECLEANED SUDAN SEED, 3** cents pound. Will Knowles, Mayfield, Kan.

**CANE SEED—RED ORANGE AND AFRI-**can millet, \$2.50 100. Will Ross, Sharon, Kan.

**TOMATO AND CABBAGE PLANTS, 100** 50 cents prepaid. Henschel, Smith Center, Kan.

**ALFALFA SEED, 95% PURE, \$6.60 PER** bushel my track. Geo. Bowman, Concordia, Kan.

**SWEET POTATO PLANTS, 30c 100, \$2.50** 1,000. Postpaid. H. T. Jackson, R. 3, No. Topeka, Kan.

**SWEET POTATO PLANTS, WRITE FOR** prices and list of varieties. Johnson Bros., Wamego, Kan.

**SHELLED POPCORN, HALF BUSHEL,** \$1.50; 100 pounds, \$4.25. Herman Stuff, Whiting, Kan.

**ALFALFA SEED, RECLEANED \$7 TO** \$11.00 bu., sacks 50c. R. L. Snodgrass, Augusta, Kan.

**CHOICE NURSERY STOCK DIRECT TO** Planter. Catalogue Free. Hutchinson Nurseries, Kearney, Neb.

**SUDAN SEED, HEAVY QUALITY, DOUBLE** re-cleaned, 5 1/2c lb. sacked. Oscar Wilkens, Lorraine, central Kansas.

**NICE SUDAN SEED FOR THREE-FIFTY** a hundred, sacked, my station. C. Crego, Wilroads, Kan. Ford county.

**GOOD SUDAN SEED, RECLEANED, 3 1/2c** lb. Sacks free. Mail personal check. Clyde Ramsey, Mayfield, Kan.

**PURE JAPANESE HONEYDRIP CANE** seed, re-cleaned, acclimated, 20 cents pound, postpaid. W. H. Penix, Salina, Kan.

**SWEET POTATO SLIPS—NANCY HALL** and Porto Rico. State certified, \$2.50 per thousand. H. R. Hedger, Idabel, Okla.

**SEED CORN, A LIMITED AMOUNT OF** very choice Yellow corn, \$3.00 per bu. Will send sample. S. S. Smith, Clay Center, Kan.

**PLANTS—TOMATO, CABBAGE, SWEET** potatoes. Delivered per 1,000, \$3.50. Write for price list. Hayes Seed House, Topeka, Kan.

**HOG MILLET, \$3 PER 100 POUNDS, DE-**livered any station in Kansas. Sacks extra. Chas. C. Gill (Grower), Wallace, Kan.

**SWEET POTATO PLANTS, SELECT YEL-**low Jerseys, delivered prepaid mail, 200, \$1; 500, \$2; 1,000, \$3.50; 10,000, \$30. Weaver's Gardens, Route 9, Wichita, Kan.

**FANCY YELLOW JERSEY SWEET PO-**tato plants. 500, \$1.50; 1,000, \$2.75; 5,000, \$2.50 per thousand delivered. Prompt shipment. Peter P. Simon, Oakland, Kan.

**PLANTS, SWEET POTATO, YELLOW,** Jersey and Red Bermuda. Tomato, Chalk's Jewel and Earliana, 50 cents per 100, \$4.50 1,000 postpaid. Ernest Darland, Codell, Kan.

**SUDAN GRASS AND SWEET CLOVER** seed, re-cleaned and tested. Sudan, \$4 per cwt. White Blossom Sweet clover, \$4.50 for 50 pounds. Sacks free. Roy C. Paul, Moran, Kan.

**SUDAN CORN—BEST GRAIN, FODDER,** silage crop. Pure hand selected, kind to start with; outdoor test near perfect, 5 pounds to acre, 6c pound. A. Marston, Whiting, Kan.

**6 DELICIOUS APPLE TREES, \$1. 14 CON-**cord Grape Vines, \$1. 100 Dunlap Strawberry plants, \$1. 100 Russian Mulberry for hedges, \$1. Postpaid. Catalog. Fairbury Nurseries, Fairbury, Neb.

**GET MY PRICES ON PLANTS, SWEET** potato and all other garden plants. Seed corn, Hildreth Yellow and White Corn Planter, \$1.25 per bushel. Satisfaction guaranteed. C. R. Goerke, Sterling, Kan. Phone 1709.

**SWEET POTATOES—RED BERMUDA, RED** Jersey, Nancy Hall, Yellow Jersey, Yellow Nansum. All kinds tomatoes, 50c 100, \$3.50 1,000. Cabbage, 50c 100, \$2.50 1,000. Peppers and egg plant, \$1 100. Postpaid. John Petzel, 501 Paramore, N. Topeka.

**JAPANESE HONEY DRIP CANE SEED,** Wonderful sweet molasses cane. Contains more sugar, produces more fodder than any other variety. Molasses as clear as manufactured syrup and sweet as honey. Kansas grown re-cleaned seed, 25c pound postpaid. Frazier Bros., Coffeyville, Kan.

**INSPECTED PINK KAFIR SEED, EARLY** maturing, produces an abundance of excellent forage. Germination 88%. Closely graded, treated for smut, then dried. 3 1/2c a lb., 250 lbs., 2 1/2c per lb.; 500 lbs., 3c per lb.; 1,000 lbs., 2 1/2c per lb. sacked, f. o. b. G. E. Lee, Pratt, Kan.

## SEEDS AND PLANTS

**SPECIAL SALE SWEET CLOVER, BEST** white blossom. Sow hulled when you would alfalfa or on bug-threatened grain. Guaranteed. John Lewis, Virgil, Kan.

## POULTRY

### Anconas—Eggs

**ANCONA EGGS, 15, \$1; 100, \$5. DAN** Gansel, Beloit, Kan.

**ANCONA EGGS, \$5 HUNDRED. EARL** Grimes, Minneapolis, Kan.

**ANCONA EGGS, VERY BEST EGG STRAIN,** \$1.25 for 15. Mrs. Cecile McGuire, Pratt, Kan.

**SINGLE COMB MOTTLED ANCONA EGGS,** \$1.25 15, \$6 100. Mrs. Mary Bates, Dishon, Kan.

**KANSAS BRANCH ANCONA CLUB OR-**ganized. See article in this issue about it. C. J. Page, Pres.

**S. C. ANCONA EGGS, \$6.50 HUNDRED,** \$1.25 setting prepaid. D. N. Miller, Hutchinson, Kan., R. No. 5.

**PURE BRED SINGLE COMB ANCONA** chicks, 15 cents. Eggs, \$5 hundred. Walter Pierce, R. 3, Chapman, Kan.

**ANCONA EGGS FROM WELL BRED** stock and extra good laying strain, \$1.25 per 15, \$7 per 100. Shem Yoder, Yoder, Kan.

**SHEPARD'S SINGLE COMB ANCONAS,** Eggs, 15, \$1.25; 100, \$6. Prepaid. Orders filled promptly. John R. Baker, Downs, Kan.

### BABY CHICKS

**BABY CHICKS—PURE S. C. WHITE LEG-**horns, \$10 per 100, postpaid. Mrs. Jefferis, Mildred, Kan.

**BABY CHICKS, \$16. WHITE WYAN-**dottes a specialty. Mrs. Leon Bunning, White City, Kan.

**PURE BRED SINGLE COMB ANCONA** chicks, \$15, hundred, Mrs. Roy Lyman, Cunningham, Kan.

**SINGLE COMB BUFF LEGHORN EGGS, \$5** 100. Baby chicks, \$18 100. Norma Graham, Route 1, Florence, Kan.

**YESTERLAIN'S SINGLE COMB WHITE** Leghorns. Chicks, \$15 100. Eggs, \$5 100. Mrs. Hayes Showman, Sabetha, Kan.

**S. C. WHITE LEGHORN CHICKS, 240 EGG** strain, 14 cents live delivery for May and June. Queen Hatchery, Clay Center, Kan.

**CHICKS FROM BIG BONED ROSE COMB** Reds, Hogan tested, heavy winter layers, 15c prepaid. Mrs. Alex Leitch, Parkerville, Kan.

**CHICKS—CHOICE ROSE COMB REDS** from selected winter layers, 15 cents prepaid. Satisfaction guaranteed. Adda Walker, White City, Kan.

**PURE S. C. WHITE AND BROWN LEG-**horns, 14c; R. I. R. and Anconas, 15c. Prepaid. Satisfaction guaranteed. C. G. Cook, Lyons, Kan.

**WHITE AND BROWN LEGHORNS, \$14;** Reds and Barred Rocks, \$15; White Rocks and Buff Orpingtons, \$16; Anconas, \$17. Fleda Jenkins, Jewell, Kan.

**SINGLE COMB WHITE LEGHORNS, \$12** per 100 for May and June. Guaranteed live delivery prepaid. Order now. Myers Hatchery, Clay Center, Kansas.

**PURE BRED CHICKS TO SHIP EVERY-**where. Guaranteed alive or replaced free. Good Leghorns, 13c; heavy breeds, 15c. Sinex Hatchery, Smith Center, Kan.

**BABY CHICKS—S. C. WHITE LEGHORNS,** Barron strain. From prize winning flock. Special for May delivery, \$15 per 100. Mrs. C. F. White, R. 4, N. Topeka, Kan.

**YOUNKIN'S CHICKS—WHITE ROCKS,** Barred Rocks, 15c; Brown Leghorns, White Leghorns, 14c; postpaid; live delivery. Younklin's Hatchery, Wakefield, Kan.

**BABY CHICKS—PURE BRED BARRED** Rocks, White Wyandottes, 14c each. Leghorns, 13c. Postpaid. Quick delivery. Catalog free. Earl Summa, Gentry, Mo.

**BABY CHICKS, EGGS, PURE BRED LEG-**horns, Rocks, Reds, Orpingtons, Wyandottes; best laying strain; postpaid; reasonable prices; catalog free. Missouri Poultry Farms, Columbia, Mo.

**BABY CHICKS AND EGGS, PURE BRED** Rose Comb Brown and White Leghorns, selected layers, live delivery, \$14 100. Eggs, \$5 100. Satisfaction guaranteed. Clarence Baldridge, Belleville, Kan.

**STRONG VIGOROUS S. C. BROWN, WHITE** Leghorns, 14 cents. Barred Rocks, S. C. Reds, 15 cents. Buff Orpingtons, 15 cents. Buff Leghorns, 14c. Postpaid; live delivery. Ross Hatchery, Junction City, Kan.

**BABY CHICKS—PURE BRED BARRON** strain English White Leghorns, \$16 per 100. White Wyandottes, \$20 per 100. Postpaid. Live delivery guaranteed. Johnson's Hatchery, 109 Buchanan St., Topeka, Kan.

**BABY CHICKS—BEST GRADE, TESTED** layers. Pure bred. White Leghorns, Brown Leghorns, \$15 per 100. Barred Rocks, \$17. Reds, Buff Orpingtons, Anconas, \$18. Postpaid. Guaranteed. Catalog free. Booth Hatchery, Clinton, Mo.

**BABY CHICKS—100,000 STRONG HEALTHY** fellows from pure healthy bred to lay flocks delivered to you free at popular prices from Buff, Barred and White Rocks, White and Brown Leghorns, Orpingtons



## BRAHMAS.

PURE BRED MAMMOTH LIGHT BRAHMAS, laying strain. 15 eggs, \$1.75; 30, \$3.00. Prepaid insured. Cockrels, \$3. V. E. Rogers, Sharon, Kan.

## Brahmas—Eggs

STANDARD BRED MAMMOTH LIGHT Brahmas. 15 eggs, \$1.50; 100, \$7. Cora Lutz, Westphalia, Kan.

## Campines—Eggs

SILVER CAMPINE EGGS, \$2 PER 15 PREPAID. E. H. Cory, Parsons, Kan.

## DUCKS

FAWN AND WHITE INDIAN RUNNER ducks, \$2.50. C. E. Romary, Olivet, Kan.

## Ducks—Eggs

WHITE RUNNER DUCK EGGS, \$1.50 PER 15. Marten Johnson, Russell, Kan.

MAMMOTH WHITE PEKIN DUCKS, EGGS, \$1.50. Mrs. Anton Triska, Hanover, Kan.

INDIAN RUNNER, FAWN AND WHITE, eggs, 13, \$1.50; 25, \$2.75. Mrs. Edith Wright, R. 2, St. John, Kan.

MAMMOTH PEKIN DUCK EGGS, \$1.11. Pure Bourbon Red turkey eggs, \$4.50 11. Emma Lovgren, Winkler, Kan.

ENGLISH PENCILED RUNNER DUCK eggs. Heavy laying strain. 13, \$1.25; 100, \$7.50. Mrs. Cameron Smith, Durham, Kan.

## Hamburg—Eggs

PURE ROSE COMB SILVER SPANGLED Hamburg eggs, \$2.10 15, \$5 50, \$9 100. J. L. McKittrick, Wilson, Kan.

## Houdans—Eggs

PURE BRED HOUDAN EGGS, 15, \$2.50; 45, \$6. Postpaid. Henry Haberman, Great Bend, Kan.

## Langshan—Eggs

PURE BRED WHITE LANGSHAN EGGS, \$6 per 100. Tell Carke, Quinter, Kan.

PURE BRED WHITE LANGSHAN EGGS, \$5 100. Orlott Lovelace, Concordia, Kan.

ALL SCORED WHITE LANGSHAN EGGS, \$7 100, \$1.75 15. Mrs. Edgar Lewis, Mulvill, Kan.

KLUSMIRE'S IDEAL BLACK LANGSHANS. Eggs for hatching. Write for catalog. George Klusmire, Holton, Kan.

PURE BRED WHITE LANGSHAN EGGS. Second pen, \$2 15. Range, \$1.50. Range \$6 100. Baby chicks, 20c, 30c. Cockrels, 2 pounds, \$1. Sarah Greisel, Altoona, Kan.

## LEGHORNS

IMPORTED ENGLISH BARRON S. C. W. Leghorns. Trapped bred-to-record 300 eggs. Chicks, Eggs. George Patterson, Richland, Kan.

## Leghorns—Eggs

SINGLE COMB BUFF LEGHORN EGGS, \$5 100. J. A. Reed, Lyons, Kan.

SINGLE COMB BUFF LEGHORN EGGS, \$5 100. Mary Moyer, Oak Hill, Kan.

SINGLE COMB EVEN BUFF LEGHORNS, \$6 100. Geo. Dorr, Osage City, Kan.

PURE ROSE COMB, WHITE LEGHORN eggs, \$4.35 102. C. Nesselrodt, Attica, Kan.

S. C. BUFF LEGHORNS, ALL THROUGH season, 100, \$5. Frank McMahon, Toronto, Kan.

PURE BRED S. C. BUFF LEGHORN EGGS, \$2 100. Prepaid. Herbert Rhodes, Clifton, Kan.

SINGLE COMB BUFF LEGHORN EGGS, 108, \$5. Mrs. Ferman Sayers, Protection, Kan.

PURE BRED S. C. BUFF LEGHORN EGGS, \$4.50 per 100. Mrs. Will Fletcher, Bucklin, Kan.

BARRON SINGLE COMB WHITE LEGHORN eggs, \$4 100. Bernice Brown, Gaylord, Kan.

PURE BRED SINGLE COMB BUFF LEGHORN eggs, \$5 per 100. Adam Zillinger, Levan, Kan.

EVERLAY STRAIN S. C. BROWN LEGHORN eggs, 100, \$4.50. Bryant Greenwood, Clifton, Kan.

EGGS FROM AMERICA'S CHAMPION EGG producers. Herb Wilson's Buff Leghorns, Holton, Kan.

SINGLE COMB BROWN LEGHORN EGGS, 100, \$6. Prepaid. Farm range. E. G. Bousie, Winkler, Kan.

PRIZE WINNING SINGLE COMB BROWN Leghorns. Eggs, 100, \$4; 30, \$1.50. Charles Geo. Osage City, Kan.

FERRIS 265 TO 300 EGG STRAIN LEGHORNS. Eggs, \$5 to \$5.50 100. Claude Hamilton, Garnett, Kan.

PRIZE YESTERLAD S. C. W. LEGHORN eggs, 100, \$5.25, postpaid. Francis Schermer, R. 7, Topeka, Kan.

S. C. WHITE AND BROWN LEGHORN eggs, \$4.25 per 100; 15, \$1. Postpaid. Fred Jenkins, Jewell, Kan.

BUFF LEGHORNS, SINGLE COMB, EGG laid and exhibition. Eggs, \$5 100. Mrs. Warren Todd, Oak Hill, Kan.

PURE ENGLISH S. C. WHITE LEGHORN eggs, 110, \$6. Satisfaction guaranteed. Claude Post, Mound City, Kan.

PURE ROSE COMB WHITE LEGHORN eggs, \$4 100. White African Guineas, \$1 30. L. H. Dicke, Lyndon, Kan.

PURE SINGLE COMB BROWN LEGHORN eggs, \$5 100 prepaid. Extra fine stock. Mrs. Harry Augustus, Waterville, Kan.

SEVEN S. C. BUFF LEGHORN COCKrels. Egg and exhibition strains. Strong and vigorous. Mrs. C. H. Dear, Mayfield, Kan.

SINGLE COMB BUFF LEGHORN EGGS. Heavy layers, pure buff, \$1 setting, \$6 100. Mrs. S. C. Whitcraft, R. 3, Holton, Kan.

BUFF COMB BROWN LEGHORN EGGS. Selected stock for egg production, \$6.50 hundred. Prepaid. W. Giroux, Concordia, Kan.

PRYOR'S SINGLE COMB BROWN LEGHORNS from America's famous laying strains. Eggs, \$6 100, prepaid. Mrs. D. A. Pryor, Fredonia, Kan.

PRYOR'S SINGLE COMB BROWN LEGHORNS from America's famous laying strains. Eggs, \$6 100, prepaid. Mrs. D. A. Pryor, Fredonia, Kan.

## Leghorns—Eggs

FINEST ENGLISH WHITE LEGHORN eggs from imported stock, half price. Fine range, \$5 100 prepaid. Fertility guaranteed. Mrs. Clyde Meyers, Fredonia, Kan.

SINGLE COMB WHITE LEGHORNS, FERRIS-Yesterlaid strains direct. Eggs, \$6 100, 10 extra with each order; prepaid; 95% fertility. Mrs. L. B. Takemire, Silver Lake, Kan.

ENGLISH TOM BARRON, SINGLE COMB, large kind. Flock from 288 egg trapped stock. Grandsons of Lady Victor, champion hen 1918-19, head our flock. Her official record was 304 eggs. Hatching eggs, 100, \$7. Perry Dietrich, Miltonvale, Kan.

## MINORCAS

PURE BRED S. C. BLACK MINORCAS, blue ribbon winners. Eggs, \$6 100 prepaid. Chicks, 20 cents. Herbert Rhodes, Clifton, Kan.

GIANT STRAIN SINGLE COMB BLACK Minorcas. Eggs, \$6 100. Chicks, \$15. Safe arrival guaranteed. Hamilton Hatchery, Garnett, Kan.

## Minorcas—Eggs

PURE BLACK MINORCA EGGS, \$6 100. Henry Schumaker, Clifton, Kan.

S. C. BLACK MINORCA EGGS FOR HATCHING, \$6 per 100. Mrs. V. E. Costa, Richland, Kan.

SINGLE COMB BLACK MINORCA EGGS, \$6 100 prepaid. W. T. Thornton, Clay Center, Kan.

PURE GIANT STRAIN, SINGLE COMB Black Minorca eggs, \$6 100. Martha Greenwood, Clifton, Kan.

## ORPINGTONS.

WHITE ORPINGTONS. BLUE RIBBON winners and winter layers. Mating list free. Goodrich & Harper, 712 Topeka Ave., Topeka, Kansas.

## Orpingtons—Eggs

WHITE ORPINGTON EGGS, \$4.50 100. Mrs. Jas. Crocker, White City, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, 15, \$1; 100, \$5. Josiah Thompson, Logan, Kan.

PURE BRED S. C. WHITE ORPINGTON eggs, \$1.50 setting; \$6 hundred. Mrs. Wm. Imhoff, Hanover, Kan.

BUFF ORPINGTON EGGS, \$1.50 SETTING, \$7.50 per 100. Baby chicks 20c, prepaid. Ralph Chapman, Hackney, Kan.

## PLYMOUTH ROCKS

200 EGG LAYING STRAIN BARRED Rocks. Ancestors trapped for generations. Winners in government contests. Mating list free. Farnsworth, 224 Tyler St., Topeka.

## Plymouth Rocks—Eggs

BUFF ROCK EGGS, \$7 100. LYDIA McNulty, Moline, Kan.

WHITE ROCK EGGS, 15 AT 75c; 100 AT \$5. Lorin Whitney, Fairview, Kan.

BUFF ROCK EGGS, \$4.50 HUNDRED. Della Hedgespeth, Wiley, Kan.

100 BUFF ROCK EGGS, \$7; 50, \$4. MRS. Maggie E. Stevens, Humboldt, Kan.

BARRED ROCK EGGS, THOMPSON STRAIN, \$6 per 100. Homer Perry, Clyde, Kan.

BUFF ROCK EGGS, \$3.50 PER 50; \$6 PER 100. Nettie Holmes, R. 2, Prescott, Kan.

PURE BRED WHITE ROCK EGGS. FISHEL strain, \$1.25 per setting. P. L. Thiele, Dorrance, Kan.

REDUCED BUFF ROCK EGGS, 100, \$4; 50, \$2.50; 15, \$1. Pens, \$2.50. A. R. Quinnette, Ames, Kan.

BARRED ROCKS—LARGE BONE. YELLOW legs, heavy layers. 100 eggs, \$6. Mrs. Ira Emig, Abilene, Kan.

PURE BARRED ROCK EGGS. LARGE, vigorous. 15, \$1; 100, \$5. Mrs. William Garrelts, McPherson, Kan.

PURE BUFF ROCK EGGS, WINNERS 12 shows, reduced to \$6.50 100, \$3.50 50, \$1.50 15. Mrs. C. N. Mason, Uniontown, Kan.

RINGLET BARRED ROCKS, DEEP EVEN barring, yellow legs, heavy laying strain. Eggs, \$1.25 15, \$6 100. C. E. Romary, Olivet, Kan.

WHITE ROCKS. TWENTY YEARS selective breeding. Eggs, \$8 100, \$2 15, \$3.20 30. Prepaid. Bracken Fogle, Williamsburg, Kan.

PARKS 200 EGG STRAIN BARRED ROCKS 31 years bred-to-lay. Set \$2.00 and \$3.00. 100 pedigreed eggs \$7.50. R. B. Snell, Colby, Kan.

PURE BARRED ROCKS. BETTER THAN ever. Beautifully barred. Bradley-Weigher-Layer strains. Eggs, very fertile, 15, \$1.50; 100, \$6. Mrs. S. VanScyoc, Oak Hill, Kan.

BARRED ROCKS—FANCY MATINGS, \$10 eggs now \$5 15. Flock, 15, \$1.50; 100, \$7. Extra layers. Winners at Kansas City and the state shows. George Sims, LeRoy, Kan.

IMPERIAL RINGLET BARRED ROCK trapped bred to lay dark mating special matings. Eggs, 15, \$1.50; 30, \$2.50; 50, \$5; 100, \$8. Postpaid. E. B. Dorman, Paola, Kan.

THOMPSON'S RINGLET BARRED ROCKS of quality. Heavy layers. Eggs, 15, \$2; 30, \$3.75; 50, \$5.50; 100, \$10. Pen, \$3. Safe arrival guaranteed. Jno. T. Johnson, Lock Box 77, Mound City, Kan.

BARRED ROCKS. RINGLETS. BRED FOR beauty and profit. 80 premiums. 33 firsts. Kansas City, Topeka, Salina, Manhattan, Denver. Breeders for sale. Eggs, 15, \$2.50; 30, \$4.50. Mattie A. Gillespie, Clay Center, Kan.

## RHODE ISLAND REDS

LARGE, DARK ROSE COMB REDS. PEN eggs, 15, \$3; 50, \$10. Range, 100, \$7. Alice Clinkenbeard, Wetmore, Kan.

## Rhode Islands—Eggs

R. C. RED EGGS, 15, \$1; 100, \$5. DAN Gansel, Beloit, Kan.

R. C. B. EGGS FROM CLOSELY CULLED range flock, \$7 per 100 prepaid. Mrs. C. B. Johnson, Garrison, Kan.

ROSE COMB RHODE ISLAND WHITE eggs, 15, \$1.25, 100 \$6.00. Rosella Turner, Fowler, Kan., care Nellie McGuire.

S. C. RED EGGS, LAYING STRAIN. PRIZE winners, only \$6 hundred. Pen, three-fifty setting. Mrs. Geo. Long, St. John, Kan.

DARK RED SINGLE COMB EGGS, 15, \$1.50; 50, \$4. Hogan, tested, 250 egg line exhibition males. Mrs. Frank Smith, Route 2, Lawrence, Kan.

## Rhode Islands—Eggs

REDUCED PRICES PURE SINGLE COMB Reds, \$4.75 100. Mrs. Trapp, Wetmore, Kan.

SINGLE COMB REDS. PRIZE WINNERS at Chicago and Kansas City. Eggs, \$6 for 50; \$10 for 100. H. A. Meier, Abilene, Kan.

EGGS FROM LARGE DARK RED ROSE Comb pure bred Rhode Island Reds, \$5 a 100 delivered. Mary Shields, Barnes, Kan.

ROSE COMB R. I. WHITE EGGS, \$6 100. Also Single Comb White Minorca eggs, \$3.50 for 50 eggs. Mrs. Peter A. Johnson, Halstead, Kan.

DARK EVEN ROSE AND SINGLE COMB Reds. Capacity tested. Eggs priced reasonable. Parcel post prepaid. Thos. D. Troughton, Wetmore, Kan.

## Several Varieties—Eggs

EGGS—HALF PRICE. FREE CIRCULAR. Greatest layers and show birds. Twenty varieties and bantams. Modlins Poultry Farm, Route 28, Topeka, Kan.

## Turkeys—Eggs

WHITE HOLLAND TURKEY EGGS, \$5 dozen until June. Lottie Enke, Green, Kan.

NARRAGANSETT TURKEY EGGS, VERY fine. Mrs. John Mitchell, Lafontaine, Kan.

M. B. EGGS, 75 CENTS EACH. 35TH YEAR selective breeding. E. McArthur, Walton, Kan.

MAMMOTH BRONZE TURKEY EGGS, 50 cents each. M. J. Middleton, R. 2, Cheyenne, Kan.

## Wyandottes—Eggs

WHITE WYANDOTTE EGGS AT ONE-half price. A. E. Waterman, Peabody, Kan.

CHOICE SILVER WYANDOTTE EGGS, \$1.50 15, \$4.50 50, \$8 100. Mrs. Philip Schuppert, Arrington, Kan.

CHOICE SILVER LACED WYANDOTTES, \$6 100, \$1.50 15, \$3.50 eggs. Mrs. A. Girard, R. 2, Madison, Kan.

EGGS FROM MANHATTAN PRIZE WINNING White Wyandottes, \$1 15, \$5 100. B. L. Carney, Marion, Kan.

WHITE WYANDOTTE EGGS, 15, \$2; 100, \$10; prepaid. Barron's and Steven's world's greatest laying strain. Guaranteed 60% hatch. H. A. Dressler, Lebo, Kan.

PARTRIDGE WYANDOTTE, PREMIER mahogany strain. Eggs, 15, \$1.50; 100, \$8. E. Montgomery, Independence, Kan.

"QUALITY" WHITE WYANDOTTES, Martin-Keeler strain direct. 15 eggs, \$2; 30, \$3.75; 50, \$5; 100, \$8. Orders filled promptly. Satisfaction, safe delivery guaranteed. Garland Johnson, Mound City, Kan.

## POULTRY SUPPLIES

"QUEEN" INCUBATORS—180 AND 275 eggs sizes reduced prices. "Queen" coal burning brooder stoves, \$25 and \$29. Carbola whitewash, leg bands. Send for circular. G. R. McClure, McPherson, Kan.

## POULTRY WANTED

BROILERS, HENS, COMMON PIGEONS, IN demand. Ship promptly for best results. The Copes, Topeka.

PREMIUM POULTRY PRODUCTS COMPANY, 210 North Kansas Ave., Topeka, buys poultry and eggs on a graded basis. Premium prices paid for select eggs and poultry.

## Breeding Stock Wanted

Oklahoma farms are being stocked with hogs again after an 11-year decline in the hog population. Hogs are saving expense and making money for the comparatively few farmers who have kept their herds, and their thousands of neighbors realizing the fact, are stocking up, too.

Kansas breeders (small breeders as well as large) have an opportunity now to develop trade in a territory that will be buying good seed stock for years to come. Advertisements written for this class of buyers should be started in the Oklahoma Farmer and kept there as nearly continuously as practicable, changing the wording, of course, to keep them up-to-date. Large advertisements are not necessary; probably not desirable excepting in case of public sales or some special emergencies. A campaign for Oklahoma business such as you would conduct for your home state trade is best; a moderate sized card-kept effective by timely copy changes. Just extend your instructions for advertising in the Kansas Farmer-Mail and Breeze to include the Oklahoma Farmer. Hand them to our fieldman in your territory or mail direct to the headquarter's address below. For the breeder suitably located, it is sound business to cultivate home trade and Oklahoma trade together. The Oklahoma Farmer and Kansas Farmer-Mail and Breeze together give the most complete advertising to farmers and new breeders of Kansas, Oklahoma, Texas and Colorado it is possible to buy.

Address your instructions: T. W. Morse, director of the livestock service, Capper Farm Press, Topeka, Kan.

## Our Best Three Offers

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

## The Livestock Market Report

BY WALTER M. EVANS

Retailers do not appear willing to reduce their prices on beef and pork to conform with the recent slumps in prices paid farmers for cattle and hogs. Some reductions have been made in the wholesale prices, but for some unaccountable reason many of the retailers are not giving their customers the full benefit of the reductions given them. If the retail prices are to remain at a high level farmers feel that they should get higher prices for their cattle, hogs and sheep.

At present it takes at least 3 pounds of weight in every steer to buy even 1 pound of the best dressed beef at wholesale prices. Pork prices also are out of all proportions to the prices paid for live hogs. Evidently a more equitable adjustment of prices must come soon or many farmers will quit the livestock business and devote their attention to something else.

Last Tuesday following a sharp decline on Monday, cattle prices were the lowest of the year and 25 to 40 cents under last week's close. Wednesday the market turned stronger but finally the loss was regained making the close this week practically the same as last week. Top price \$8.80 was paid for yearlings and \$8.40 for heavy steers. An export order took 19 cars of heavy steers at an average of \$7.90. Hog prices were low early in the week but closed 30 to 40 cents higher. Demand for sheep and lambs was active.

Receipts for the week were 32,665 cattle, 3,923 calves, 57,948 hogs, and 44,625 sheep, compared with 30,800 cattle, 3,550 calves, 38,650 hogs, and 34,050 sheep last week, and 20,850 cattle, 4,550 calves, 41,500 hogs, and 29,875 sheep a year ago.

## Cattle Receipts are Large

Monday cattle receipts at Kansas City were 16,000 and the largest of the season. Tuesday 11,000 arrived and the combined decline in the first two days was 25 to 40 cents. The decline brought an abrupt decrease in receipts and the market turned up again on Wednesday. Prices at the close of the week were as high as a week ago. Nineteen carloads of heavy steers left the yards via Montreal, Canada for Liverpool, England. This is the first export demand at any Western market this year. Some prime 735 pound Missouri yearlings brought \$8.80, heifers sold up to \$7.50, and the bulk of the fat steers sold at \$7 to \$8.25. Cows sold at \$4.50 to \$6.75, cutters \$4 to \$4.50, and "canners" \$3 to \$3.75. Veal calves were firm at \$6 to \$9.

## Hogs Gain 40 Cents

Hog prices Monday and Tuesday were under the 8 cent level and in the lowest position of the past six years. The low prices attracted increased demand and the market started up again, gaining 30 to 40 cents at the close of the week. The top price was \$8.25 and bulk of sales \$7.70 to \$8.20. Pigs are selling at \$7.75 to \$9. The price spread now is narrower than for some time past, due in a large measure to packers buying more freely and shippers decreasing their orders, especially on more Eastern markets. Indications are that the low point has been passed.

The first liberal supply of Texas sheep and goats this season arrived this week, and in connection with normal supplies of fed lambs, total receipts were the largest of the season. Notwithstanding the liberal supply, prices held firm. Fed lambs sold at \$9 to \$10.50, ewes \$6 to \$6.50, and clipped lambs \$8.75 to \$9.25. Texas grass wethers brought \$6.25 to \$6.90, and goats \$3 to \$4.25.

## Poultry and Dairy Products

Not much change is reported in the market for poultry products, but slight declines in butterfat and butter prices were registered at the close of the week's trading. The following quotations on poultry products were given at Kansas City for the week end:

Eggs—Firsts, 18 cents a dozen; seconds, 14 cents; selected case lots, 25 cents; Southern eggs, 24 cents.

Live Poultry—Hens, 23 cents; broilers, 50 cents; turkey hens and young toms, 38 cents; old toms, 35 cents; ducks, 27 cents; geese, fat and full feathered, 15 cents.

The following prices were reported at Kansas City on dairy products:

Butter—Creamery, in cartons, 41 cents; bulk butter, 37 cents; packing butter, 13 cents; butterfat, 29 cents.







cut of bred sow sales in northeast Kansas in which Gordon & Hamilton, Horton, M. R. Peterson, Bendena, and Kempin Bros. and Will Hilbert of Corning sold. He bought around a dozen sows and gilts in the four sales and every one has a fine litter. At the head of his herd is a splendid boar, both in breeding and as an individual. He is Lady's Col. Orion, sired by John's Col. Orion by Joe Orion 2nd. His dam was Orion Lady by Joe Orion 2nd. He is a wonderful individual and bred as he is one of the valuable sires in the state. Mr. Healy will have boars to sell this fall sired by him and others by five of the best boars in northeast Kansas. His advertisement will appear in the Kansas Farmer and Mail and Breeze in due time.—Advertisement.

**Lindsborg, Kan., Holstein Sale**  
At Lindsborg, Kan., in the sale pavilion, Monday, May 23, W. H. Mott of Herington,

### NINETY PER CENT OF ORDERS THROUGH KANSAS FARMER AND MAIL AND BREEZE

"I am certainly getting good sales from this ad. Have sold 35 head. Demand for my Polands is getting stronger every day. Can't supply demand. Sold a pig, nine days old, sire Jumbo Joe and out of Great Master Giantess 1st, for \$20.00, to a breeder the other day. That speaks well for Jumbo Joe as a young sire and demand for Giant Bob Wonder stuff is fierce. The Kansas Farmer-Mail and Breeze and Mr. Johnson are doing nobly. Ninety per cent of my sales have been made through the Kansas Farmer-Mail and Breeze, and I thank you very much for it. I have sold more sows and gilts to breeders and men starting new herds than ever before. Also five Copper Pig Club boys were made happy."—O. R. Strauss, Milford, Kan., Breeder of Poland China Hogs, April 7-21.

#### POLAND CHINA HOGS

### Poland China Fall Boars and Gilts

from our prize winning herd. We have the largest Poland China mail order business in Nebraska. Write us your wants.

**PLAINVIEW HOG & SEED FARM**  
Frank J. Rist, Prop., Humboldt, Neb.

### Boars, Boars, Boars

The big smooth prolific kind. The best of breeding. We ship on approval. Prices right.

**W. A. Prewitt & Sons**  
Asherville, Kansas

### No Yes! Listen Boys

If you want some of the best Polands, arrange to breed one of your brood sows to Goldengate, Defender, Giant Bob Wonder or Jumbo Joe. These are great boars and you will surely get size and individuality from three of the largest boars of the breed. We will breed and hold over first period for \$50.00. 15 approved sows. This is the opportunity for breeders to get in line for their future bids fair to unfolding prosperity to the breeder who raises good Polands and employs efficient sires. A few May and June gilts bred to farrow in April and at low prices. Baby pigs at weaning time, sired by Giant Bob Wonder and Jumbo Joe, \$20-\$25, out of my 700 and 800 pound Great Master sows. Also one good late fall boar pig. Come or write.

O. R. Strauss, Silver Dale Farm, R. 1, Milford, Kan.

### 10 Fall Yearling Boars

Immunized and good ones at \$22.00 each. Must have the room. 10 gilts same age and breeding, bred or open. You can't beat this.

J. J. Hartman, Elmo, Kansas, Dickinson Co.

### The Better Kind

of spring pigs in pairs and trios at farmers prices. Write for our beginners plan.

Myersdale Farm, Gardner, Kansas

### Big Type Quality Polands

Yearling granddaughters of Cook's Liberty Bond bred to choice boars for September farrow. March weanings by The Kansas Guardsman. Pictures and prices on request. ROBERT MONTEE, McCune, Kan.

### DEMING RANCH POLANDS

Sows and gilts for April and May farrow. Address W. O. Sheldon, Herd Mgr., Deming Ranch, Oswego, Kan.

### TUCKER HAS A GOOD POLAND HERD

Spring and fall gilts and boars, tried sows, weaners, pigs. Most of them by sons or out of daughters of Masterpiece, The Yankee, The Clansman, Fashlor, Price, F's Big Jones, The Rainbow. Good individuals. Priced reasonably. Immunized. Satisfaction guaranteed. S. J. TUCKER, JR., 140 S. Belmont, Wichita, Kan.

#### POLAND CHINA BOARS

High class big type Poland China boars at farmers prices. We send C. O. D. if desired. G. A. Wiebe & Son, R. 4, Box M, Beatrice, Neb.

**3 EXTRA GOOD POLAND CHINA BOARS**  
Registered, immunized, guaranteed. Priced cheap. John Laws, Hartford, Kansas.

**A FEW POLAND CHINA FALL GILTS**  
Open, also boars ready for service. R. E. Mariner, Fredonia, Kansas

Kan., will sell 65 Holsteins, 25 of them pure-breds and 40 of them high grade cows and heifers that will be fresh sale day or that will freshen soon after the sale. Of the 25 purebreds, five are young bulls, of serviceable ages, sired by one of the best bulls in the state. The purebreds, cows and heifers, are sold to reduce one of the well known herds in the state at a time when they are sure to sell reasonably. It is not a good time to sell but it surely is a good time to buy. The high grade cows and heifers are sure to appeal to the dairyman or farmer who wants milk. This is the first of the annual sales planned by Lindsborg and it will be a good place to buy. The sale is being conducted by W. H. Mott, the well known Holstein sales manager and breeder. Everything is tuberculin tested and sold with a retest privilege. Lindsborg is 15 miles south of Salina on the Union Pacific and 12 miles north of McPherson. Good train service both north and south the morning and evening of the sale. The catalogs are ready to mail. Address, W. H. Mott, Herington, Kan., for one.—Advertisement.

BY J. T. HUNTER

#### Shorthorns on the Englewood Branch

H. W. Estes, Sitka, Kan., has one of the best Shorthorn herds in southwest Kansas. There are something over 100 good Scotch and Scotch topped Shorthorns in the herd. Baron Pride, a specially fine Scotch bull, sired a number of the good ones in the herd. Good backs and strong heads are especially strong characteristics of the cattle in the herd. Mr. Estes will sell cows, heifers and bulls. The heifers and bulls range from 6 to 24 months old. He guarantees satisfaction. There is no question but what buyers wanting some good Shorthorns can make selections from Mr. Estes's herd. He has a herd that is sufficiently large to permit one's finding a number of good ones of popular breeding whatever age he desires, and that is a matter worth while for prospective purchasers to consider.—Advertisement.

#### The Pictures Sell the Polands

Robert Montee, McCune, Kan., has a small herd of big type Polands but he has some extra good ones as is indicated by the kodak pictures that he sends to prospective purchasers. From these pictures one can get a mighty good idea as to the physical makeup of the hogs for sale. Then on the back of the picture he has written a condensed pedigree of each animal accompanied by a brief description and a few remarks. The picture is really sufficient without an accompanying letter to the buyer. Mr. Montee offers for sale yearling granddaughters of the famous Cook's Liberty Bond bred to choice selection of boars for September farrow. Then he also offers March weanling pigs by the Kansas Guardsman by the Guardsman, a litter mate of The Clansman. If you want to buy some real good big type Polands you can get them from Mr. Montee. Write him today for photos and prices on his Polands. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

#### Replogle's Durocs

Sid Replogle, Cottonwood Falls, Kan., has for sale at this time some good Durocs. He has culled his fall crop of boars very closely and if you want a good fall boar it would be advisable for you to get in touch with Mr. Replogle. Then, he has some fall gilts and buyers should remember that fall gilts are rather scarce because feed was so high last spring that many breeders did not breed sows for fall litters. Here will be a good opportunity to get fall gilts. In this same herd will be found pigs weaned and to be weaned that are offered for sale. The main herd sire is a son of the 1917 world's junior champion, Jack's Orion King 2d. Mr. Replogle sells all his hogs guaranteed to give satisfaction so a mail order bid will prove entirely satisfactory to you if you find it inconvenient to visit the herd. However, Mr. Replogle would be pleased to show prospective buyers his herd at any time. Write him today. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

#### Stubbs Farm Holsteins

When it comes to presenting the good points concerning a Holstein herd it is the milk and butter records that interest friends of the breed because the performance of the individuals determines their value. Tabulated records cannot be given in a very satisfactory manner in a fieldnote but the Stubbs Farm herd at Mulvane, Kan., has in it some cows that have some very creditable performances to their credit. Twelve state records are held by cows in that herd as follows: Full aged cow; 7, 30, and 305 day butter records respectively as follows: 11,79, 124.6, and 724 pounds. Full aged cow; 1, 7, 30, and 305 day milk records respectively as follows: 126.8, 756, 3112, and 20878 pounds. Full aged cow; the milk and butter record combined for 7, 30, and 305 days. Junior 4-year-old 365 day butter record, 850 pounds (approximately). Junior 3-year-old 30 day butter record 106.4 pounds. Now, there are some state records that will be hard to beat. From this same herd that includes the cows that made this record one can buy good Holsteins, especially young bulls at this time. The ability of a bull to produce high record cows is determined largely by the production of his own dam. Here is a herd from which one can get mighty promising herd sire material. Note the changed address of the Stubbs Farm herd in the Holstein section of this issue of the Kansas Farmer and Mail and Breeze as well as changed advertisements for that firm as they will appear in succeeding issues of this paper. A letter addressed to Mark Abildgaard, Mgr. Stubbs Farm Co., Mulvane, Kan., will receive immediate attention. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

#### Cheadle of Cherokee Sells Herefords May 18

Frank Cheadle, Cherokee, Okla., established a purebred Hereford herd in 1910 and has developed an exceptionally good herd. Wednesday, May 18, Mr. Cheadle will sell 50 head, 20 cows, 20 heifers, and 10 bulls. The cows are mostly 5-year-olds of which more than half have calves at side by Bright Victor. The cows and calves are good big ones. Sires that produced these cows are: Beau Mystic, Debonair 2d, Simpson, Beau Lincoln 2d, Fairview Byron 2d, Corrector 74th, Beau Dandy 9th, Walter S., John Arbor, Onward Lad, etc. The heifers are out of these cows and mostly by Bright Victor. Most of them are bred but a few are open. There are some exceptionally good heifers for sale and if interested you should send for a catalog at once and study the breeding of these good heifers. The bulls for sale are ready for service and are by Bright Victor and Baltimore Jr. They are good lusty fellows. Herd sires are Bright Victor by Bright Stanway out of Vignette. This bull is a good producer as will be evidenced by the good calves and heifers that can be seen on the Cheadle farm any time. The junior bull is Baltimore Jr. by Beau

#### HORSES AND JACK STOCK

## Gregory Farm Percheron Sale

### Centennial Anniversary, Wednesday, May 18

A sale of Percheron mares and stallions, representative of the best blood of the breed, featuring sons and daughters, grandsons and granddaughters of the Mighty Carnot, and out of dams by such champion stallions as Etudiant, Huchior, Houleux, and Casino. Also there are daughters of Radziwell, and daughters or granddaughters of such noted mares as Iolanthe, Marrie, mother of Jehovah and Jactelle, first prize International mare. 30 head of show, brood and work mares and a few topky young stallions. Catalogs only, on request.

**W. S. CORSA, Whitehall, Illinois**

#### HORSES AND JACK STOCK

## Purchase Percherons

### Horses

are coming into their own. The draft horse business never looked brighter. One breeder says: "I received 12 letters from prospective customers during the last week." Another says: "I have received more inquiries in the last sixty days from men wanting to buy Percheron stallions than I have had in the last five years." Another writes: "I am sold out; wish I knew where I could buy some mares." The governor of one state says: "I want six high class mares as good as money can buy." For free circulars address

**PERCHERON SOCIETY OF AMERICA**  
Ellis McFarland, Secretary  
Union Stock Yards, Chicago, Ill.

### Your Best Advertisement

is to show your jack stock. Jack stock is not eligible to show at important fairs unless recorded in a recognized registry. Jack stock shown at the Panama-Pacific International Exposition was recorded in the Standard Jack and Jennet Registry of America. Have your Jack stock registered in this recognized Association while the present requirements permit. This will increase their value for sale, service or show. For information and blanks write Wm. E. Morton, Secy., Scarritt Bldg., Kansas City, Mo.

### Great Show and Breeding Jacks

Priced right. Hinemans' Jack Farm, Dighton, Kan.

#### SPOTTED POLAND HOGS.

### Weddle's Spotted Polands

Sold out of sows and gilts. Have some good fall boars ready for spring service. Will book spring pigs for future delivery. Sows doing fine. Farrowing 8 to 14 pigs by herd sires, Kan. Jumbo and Mo. Model. Phone Kechl 1551 or address Thos. Weddle, Route 2, Wichita, Kan.

### Spotted Poland Chinas

A few gilts for May farrow. Booking orders for spring pigs at farmers' prices. **CEDAR ROW STOCK FARM**, A. S. Alexander, Prop., Burlington, Kansas.

### Reg. Yearling Boar and 2 Herd Boars

50% white. A few fall boars. These are a choice lot. **T. L. Curtis, Dunlap, Kansas.**

#### WM. HUNT'S SPOTTED POLANDS

Gilts and fall boars. Herd sires, Leopard King and Fairholmes Royal Boaster. Long established herd. **Wm. Hunt, Osawatomie, Kan.**

#### SPOTTED POLANDS—Big type English Herd boars.

Arb. McC's King and Arb. English Drummer, grandson of the \$4,050 sow. Sows bred to son of the \$7,100 boar, Joe M. A few Joe M. boars and gilts. **C. W. WEISENBAUM, ALTAMONT, KAN.**

#### BIG TYPE REG. SPOTTED POLANDS

Early spring pigs sired by K's Budweiser. Females, \$15; males, \$12. **R. E. Kerley, Peck, Kansas**

#### SPOTTED POLAND BOARS, serviceable, also weanling boar pigs. Wm. Meyer, Farlington, Kansas.

### LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

## BOYD NEWCOM

### AUCTIONEER

217 BEACON BLDG., WICHITA, KANSAS.

## P. M. GROSS

410 West 12th Street, KANSAS CITY, MO.

### Jas. T. McCulloch, Clay Center, Kan.

My reputation is built upon the service you receive. Write, phone or wire.

### Fred L. Perdue, Auctioneer

4159 Tejon Street, Denver, Colorado

Sales made anywhere, any time.

### LAFE BURGER, WELLINGTON, KAN.

### FRANK GETTLE, Livestock Auctioneer

Efficiency First. For open dates address as above.

#### HAMPSHIRE HOGS.



#### Walter Shaw's Hampshires

200 head; registered; immunized; 35 tried sows bred; 50 gilts; service boars; best of breeding. Wichita, Kan., R. 6, Tel. 3918. **DERBY, KANSAS.**

### Whiteway Hampshires on Approval

Choice fall boars and gilts with breeding, size and quality. Priced for quick sale. Everything immunized. **F. B. WEMPE, FRANKFORT, KANSAS**

#### SHEEP

**FOR SALE**—Two hundred 3-year-old ewes. Fine February and March lambs by side. Will price worth the money. **Clyde Crumb, Burlingame, Kansas**

#### HORSES AND JACK STOCK

#### 'DUROC JERSEY HOGS

## DUROCS

For the get of Col. Sensation, 1st prize senior boar, 1920, write **H. C. LUTHER, ALMA, NEBRASKA**

### 60 Fall and Summer Gilts—40 Proven Sows, All Immunized

Bred for July, August and September litters to Pathfinder, Sensation, "Scissors" and Orion boars. Farmers prices and time if desired. Papers sent promptly with each purchase. Write for descriptions and prices. **E. J. Bliss, Bloomington, Kan., Osborne Co.**

### Royal Herd Farm Durocs

September boars, real ones, Pathfinders and Sensations. A few sows and gilts bred to Victory Sensation and for May farrow. Come or write. **B. R. ANDERSON, McPHERSON, KANSAS**

### Fall Boars—Bred Gilts

A few very choice boars and some choice gilts open or will breed them for fall farrow. Prices very reasonable. **W. L. FOGO, BURR OAK, KANSAS** (Jewell County)

### CHAMPION DUROCS

Spring pigs sired by Pathlron 3rd, 2nd at Kansas State Fair, 1920, and Great Pathlron grand champion 1920. Also have two outstanding fall boars and an 800 lb. three year old.

**L. O. Lovelace, Independence, Kansas, R. 1**

### Pathfinder—Sensation Boars

Six extra fine yearling boars. Several fall boars. These combine the blood of Pathfinder and Great Orion Sensation. Orders booked for weanling pigs. **G. M. SHEPHERD, LYONS, KANSAS**

### Wooddell's Durocs

14 selected fall boars priced to sell. Sold all my culs to a feeder. Popular blood lines represented. Phone, wire, write or come. **G. B. WOODDELL, WINFIELD, KANSAS**

### Replogle's Durocs

Fall boars and gilts; spring pigs, weaned and to be weaned. Herd sire is a son of Jack's Orion King 2d, the 1917 world's junior champion. Am selling good Durocs. **SID REPLOGLE, Cottonwood Falls, Kan.**

### Bred Gilts, Fall Boars, Weanling Pigs

by Intense Orion Sensation, Pathfinder Chief 2nd, I Am Great Wonder, Great Pathlron, the Kan. grand champion, immunized, recorded, and express prepaid. **OVERSTAKE BROS., ATLANTA, GEORGIA**

### Boys Here Is Your Chance

We ship Duroc pigs on approval. No money down and one year to pay. Write for prices and interesting booklet "Hogs for Profit". **STANTS BROS., HOPE, KANSAS**

### SEVERAL GOOD STRETCHY FALL BOARS

for sale. 100 spring pigs at weaning time all well bred and priced to sell. Two serviceable long yearling Shorthorn bulls \$100 each. Will take Liberty bonds at par. Write your wants. **J. E. Weller, Holton, Kansas**

### FOR SALE—A few Duroc Jersey June gilts and boars. Well bred and immunized. Also a bunch of weaned pigs. Prices right.

**E. M. Snook & Son, Milo, Kansas**

#### REAL DUROC HERD HEADERS

Fall boars; priced to sell. Sired by Valley Sensation, Major Sensation and Invincible King. **J. F. Larimore, Grenola, Kansas.**

#### CHESTER WHITE HOGS.

## O. I. C. PIGS, HARRY HAYNES,

Grantville, Kan.

**FALL BOARS AND SPRING BOARS**  
Popularly bred, large type fellows. Priced to sell. **E. E. Smiley, Perth, Kansas.**

**CHESTER WHITE BRED GILTS and weanling pigs.** Verg Curtis, Larned, Kansas.

#### DOGS AND PONIES

### German Shepherd, Airedales, Collies and Old English Shepherd Dogs

Brood Matrons, Puppies, Farm Helpers. 10c for instructive list. **W. R. Watson, Box 506, Oakland, Iowa.**

### AIREDALE—MOST WONDERFUL DOG

Great watch, stock, rat and hunting dog; does anything any dog will do; does it better. Thoroughbred puppies at farmers' prices. Descriptive circulars free. **A. C. Sprague, Maywood, Ill.**

When writing advertisers mention this paper



## SHORTHORN CATTLE.

## SHORTHORN CATTLE.

# Important Shorthorn Sale

at farm near  
**Overland Park, Ks., Friday, May 20**

**50 Head of Scotch and Scotch Topped Cattle**  
**42 Females and 8 Young Bulls**

Several cows have calves at foot and bred again to Roan Lord 2nd by Roan Lord by Revolution by Avondale and Secret Pilgrim, a Cruickshank Violet Bud by Secret Sultan, a Bruce Augusta by Hampton Sultan. A number of real Scotch cows will be offered. They are a useful lot of working cattle. Come to Overland Park on Strang Line, interurban car every hour. Send for catalog and come to sale.

**A. J. James & Son, Meadowbrook Farm, Lenexa, Kan.**

## HEREFORD CATTLE.

## HEREFORD CATTLE.

# Frank Cheadle Sells 50 Herefords

**Cherokee, Okla., Wednesday, May 18**

20 Cows—20 Heifers—10 Bulls

**Cows**—Nearly every cow is a five-year-old. A dozen or more have calves at side, others to calve soon. Calves by Bright Victor. Cows bred to same bull. Good big cows and calves. Note some of the sires: Beau Mystic, Debonair 2d, Simpson, Beau Lincoln 2d, Fairview Byron 2d, Corrector 74th, Beau Dandy 9th, Walter S. John Arbor, Onward Lad.

**Heifers**—Out of these cows. Most of them sired by Bright Victor and show their excellent parentage. All good heifers. Some extra good ones—Miss Victor 2d, Lady Victor 2d, Bright Mary, Mary Victor by Bright Victor out of cows sired by Debonair 2d, and Beau Lincoln 2d. (Get catalog and read pedigrees.) Some of the heifers will be bred—others open.

**Bulls**—Ready for service out of these good cows and by Bright Victor and Baltimore Jr. **Herd Sires**—Bright Victor by Bright Stanway out of Vignette, an intensely bred Anxiety bull that has proven his excellence by the appearance of his get on the Cheadle farm. Baltimore Jr. by Beau Baltimore 1st out of Belle Mischief is another Anxiety bull that produces good calves. Herd reduction lessens the need for two sires and Mr. Cheadle is selling Baltimore Jr. in this sale. A good opportunity for one to get a tried sire. Come and see his get. These Herefords will be an unpampered group but in good condition. Here is an excellent opportunity to get foundation Herefords at reasonable cost. Send for a catalog today mentioning Mail and Breeze. Address

**Frank Cheadle, Cherokee, Oklahoma**  
Auctioneers: Gross, Burgess, Kirkbride, J. T. Hunter, Fieldman.

# HEREFORD HEIFERS

and they are GOOD

You will be proud of them, as we are. But we raise them to sell and price according to the times. Their quality sells them to the man who wants foundation stock. They make us money even now, but not half what they will make you if you buy now. They are the better kind. The other goes to the feed lot these days. Choice Anxiety blood; all our own breeding and all guaranteed. Write for particulars and plan to see the whole herd. We have been in the purebred business all our lives.

**Lee Bros., Harveyville, Kan.**

# Five Extra Good Reg. Hereford Bulls

for sale, 12 to 24 months old, of the very best Anxiety 4th breeding. Priced at little more than half price.

**ALBERT E. SMITH, POTWIN, KANSAS**

**REGISTERED HEREFORDS**  
Seven heifers and six bulls, priced to sell.  
**S. F. Langenwelter, Halstead, Kansas**

**GUERNSEY CATTLE**  
**REGISTERED GUERNSEY BULL**  
for sale. One year old, a good one.  
**L. J. McMurray, Jewell, Kansas**

When writing advertisers mention this paper

## HOLSTEIN CATTLE.

## HOLSTEIN CATTLE.

# Holsteins For Central Kansas

20 pure bred cows and heifers; 5 young bulls of serviceable ages; 40 high grade cows and heifers. Sale in the pavilion,

**Lindsborg, Kan., Monday, May 23**

The cows and heifers will be fresh sale day or will freshen soon after. Everything T. B. tested and sold with retest privileges.

The pure bred cows are sold to reduce one of the well known herds in Kansas. The five young bulls are by one of the best sires in the west.

The high grade cows and heifers are the kind any dairyman will appreciate. Catalogs ready to mail. For one, address

**W. H. Mott, Sale Manager, Herington, Kan.**

Lindsborg is 15 miles south of Salina on the McPherson branch of the Union Pacific. Also on the main line Missouri-Pacific, 12 miles north of McPherson.



# COATES HOUSE

Kansas City, Missouri  
10th and Broadway

"Special attention to stockmen as we want their trade." Reasonable rates, modern conveniences, cafe and cafeteria. 2 blocks from 12th street. Car line direct to stockyards. Ask your neighbor—he stops with us.

**Coates Hotel Co., Prop. Sam B. Campbell, Pres. & Mgr.**

Street cars at Union Station to and from our door.

Baltimore out of Belle Mischief. His calves are good also. Mr. Cheadle is reducing his herd and will have no need for two herd sires so will sell this Baltimore bull in his sale. The acid test of a bull is what he produces. A visit to the Cheadle farm and a look at his calves will convince one of his value. These Herefords will be unpampered but in good condition. Farmers will be able here to select some extra good foundation stock. Write Frank Cheadle, Cherokee, Okla., today for a catalog. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

# Banbury's Polled Shorthorns

Polled Shorthorns are growing more popular than ever and some of the best auction sales are those where Polled Shorthorns are sold. What good are horns on cattle anyway? Under present day feeding conditions where it is no longer a case of the survival of the fittest horns are more of a menace than a benefit to cattle. If you want some of the very best Polled Shorthorns raised in Kansas or the Southwest get in communication with J. C. Banbury, Plevna, Kan. He has as herd sires four exceptionally good ones. They are Roan Orange by Orange Champion, Scottish Orange by Roan Orange, Grand Sultan by Meadow Sultan, Sultan's Pride by True Sultan. As to the cattle for sale, there are some nice 2 and 3-year-old heifers and bulls from weanlings up to 2 years old. A number of the cows and heifers are excellent milkers. There is really no need for readers of the Kansas Farmer and Mail and Breeze to go elsewhere for their Polled Shorthorns because Mr. Banbury has as good as will be found. When writing please mention Kansas Farmer and Mail and Breeze.—Advertisement.

# BY J. COOK LAMB

The Dairy Department of the University of Nebraska advertises purebred Ayrshire heifers for sale. These heifers are from 8 months to 2 years old and the older ones are, of course, in calf. For pictures, pedigrees and prices, write Dairy Department, University of Nebraska, Lincoln, Neb., and mention this paper.—Advertisement.

Superior, Neb., is where one of the good Poland China boars is found. Talker heads the herd. He is high and as long as they grow. Mr. Shank has 75 spring pigs largely by this boar. These pigs are of the same type and quality as their sire. He has one litter by Paragon and one by Smith's Yankee Bob. Mr. Shank will have his usual boar and gilt sale some time in October.—Advertisement.

# Carl Day's Durocs

On visiting Carl Day, Nora, Neb., we found the Durocs doing fine. High Sensation, the herd boar that has made a reputation for this herd as a sire, is looking bigger and better than ever. Carl has 75 spring pigs which are largely by High Sensation. He has litters by Sensation Leader, Col. Sensation, Great Pathfinder, Great I Am and Uceda High Orion 2nd. Also a nice lot of fall gilts by High Sensation and Model Pathfinder.—Advertisement.

# Spohn's Durocs

On visiting the D. V. Spohn Duroc herd at Superior, Neb., we found a good herd. Superior Sensation by High Sensation and Pals Pathfinder by Model Pathfinder head the herd. We found 100 spring pigs and one of the good lots of fall gilts we ran across this spring. These gilts will be bred for summer and fall litters and will be sold at private sale. See their ad in this paper. Mr. Spohn purchased some select sows in the spring sales that have litters by such boars as Great Orion Sensation 2nd, Joe Orion 2nd, Great Pathfinder Jr., Typemaker and others. Here is a place to pick up some choice fall gilts. Look up their ad.—Advertisement.

# BY S. T. MORSE

The times are especially favorable for Holstein breeders of moderate means whether they own registered herds or grade herds. Financial conditions have resulted in making most people limit their buying to actual necessities, which to a good many breeders means putting off for another year the purchase of young herd bulls really needed now. The shrinkage in demand for young Holstein bulls makes it possible to buy strictly good animals out of A. R. O. cows at just ordinary prices. All owners of Holstein cows should investigate this bargain condition at once. They will be astonished to find that they can buy better bulls than they have ever planned to own at lower prices than they have ever expected to pay. Almost every Holstein advertiser in this paper will be glad to quote prices on one or more bargains in this line. We are reminded to write this notice by quotations just received of W. E. Bentley of Manhattan, Kan., on a thousand pound bull whose dam holds five yearly records, averaging 900 pounds a year.—Advertisement.

# BY O. WAYNE DEVINE

H. E. Myers of Gardner, Kan., is pricing spring pigs at very liberal prices, on pairs and trios. He is prepared to fill orders for pig clubs. Special prices made to beginners. Write today to H. E. Myers, Gardner, Kan., for beginners plan. Kindly mention this paper.—Advertisement.

# Show Your Purebred Stock This Fall

The best advertisement a breeder can get is to show his stock in competition. Buyers like to know that the stock they buy is from stock good enough to go into the show ring and compare favorably with the other animals of the same breed that are there. One of the requirements of the show ring, in breeding classes, is that the animal be registered. If your purebreds are not registered get the registry requirements from your breed association and see to registering yours at once. It pays to register stock before the penalty age.—Advertisement.

# What "Greatest" Means in Herefords

Many readers of farm and livestock journals have become familiar with the fact that Pickering Farm, Belton, Mo., is rated as the greatest Hereford breeding establishment in the world. Just how much this word "greatest" means, however, cannot be realized without a little study of growth. Starting with the once famous "Jack" Cuddey farm the Pickering's bought more and more until they had 5,500 acres, the best tract of that size (for the purpose) under one owner in the state. On this they have added improvements of equipment, arrangement, construction and cultivation that represent a fortune and constitute one of the wonders of the business. But the herd is the main thing and following are listed a few of the notable additions made to the foundation herds received with the land: Repeater 7th, bought at the Harris sale in

## SHORTHORN CATTLE

# Genuine Herd Bulls

by Master of the Dales  
and out of  
**Collynie Bred Cows**

Master of the Dales bulls are proving themselves splendid breeding bulls and we can show you a few real bulls of first class herd heading character.

They are a practical, husky and well grown lot that will appeal to breeders wanting bulls of real merit.

**H.M. Hill, LaFontaine, Kan.**

# Park Place SHORTHORNS

For sale or exchange—Choice Shorthorn cattle from a herd of established reputation. Will sell on 6 or 9 months time or exchange for grade or plain bred cattle. Address Park Salter, 615 Fourth Nat'l Bank Bldg., Wichita, Kansas.

# 1886 Tomson Bros. 1921

Village Marshall  
Marshall's Crown

We offer a remarkable lot of young bulls of our own breeding. Address  
**Wakarusa, Kan. or Dover, Kan.**

# Six Bulls, Eleven to Sixteen Months Old

Red, white and roans, sired by Lord Bruce 604975, sire, Beaver Creek Sultan 352456 by Sultan 227050, out of IMP. Victoria May V48-406. Dam, Lady Pride 7th 111357 by Clipper Czar 311991, out of IMP. Magnolia V47-558, also some choice yearling heifers.  
**W. T. FERGUSON, WESTMORELAND, KAN.**

# Nelson's Shorthorns

I still have a few good Scotch bulls for sale—priced reasonable.  
**JACOB NELSON, BROUGHTON, KANSAS**  
Clay County

# We Offer 2 Scotch Bulls

One roan, one red, 11 and 17 months old. Write at once for descriptions and prices.  
**S. B. AMCOATS, CLAY CENTER, KANSAS**

# A Southwest Kansas Shorthorn Herd

Scotch and Scotch topped cows, heifers and bulls. All ages. Well bred, large good individuals with especially good heads. Write today. Satisfaction guaranteed.  
**H. W. ESTES, SITKA, KANSAS.**

# 15 Shorthorn Bulls

One-half off in price. Sired by the Futurity Winner Autumn Marshal and out of good cows that raise their own calves, 95% Scotch blood. Forethought Farms, 40 min. ride N. of Kansas City, on Jefferson highway.  
**BEN WILL THATCHER, Smithville, Mo., Bell Phone**

# HILLCREST SHORTHORNS

Some choice Scotch and Scotch topped bulls 12 to 20 months old for sale. Reds and roans by Cedar Dale. Priced to sell.  
**FREMONT LEIDY, LEON, KANSAS.**

# POLLED SHORTHORNS

Big husky bulls. A few females. Forest Sultan, a 5-year-old Scotch bull, is for sale.  
**C. M. Howard, Hammond, Kansas**

# 200 Polled Shorthorns

Show prospects and practical breeders, \$75 and upward. J. C. BANBURY & SONS, 1 mile north of PLEVNA, KAN.

# ONE ROAN POLLED SHORTHORN BULL

for sale, registered, ten months old. Also one registered Shire stallion, two years old, \$150 each. **D. C. Van Nice, Richland, Kan.**

# POLLED SHORTHORN HERD BULL

Secret Here, a roan herd bull prospect for sale. Top sires, Baronet Secret, Roan Hero, and Tippecanoe. **S. H. Haight, Rantoul, Kan.**

# RED POLLED CATTLE

# RED POLLED BULLS

Some extra fine registered bulls for sale. Write for prices and descriptions, or better come and see them. Herd bulls used in the herd were from the breeding of some of the best Red Polled herds in the country such as Luke Wiles, Chas. Graff & Sons and Mahan Greenmiller.  
**GEORGE HAAS, LYONS, KANSAS.**

# Pleasant View Stock Farm

Registered Red Polled cattle. For sale, a few choice young bulls, cows and heifers.  
**Halloran & Gambrell, Ottawa, Kansas**

# FOSTER'S RED POLLED CATTLE

A few choice young bulls.  
**C. E. Foster, Route 4, Eldorado, Kan.**

# RED POLLS, Choice young bulls and heifers.

Write for prices and descriptions.  
**Chas. Morrison & Son, Phillipsburg, Kan.**

# REG. RED POLLED BULL CALVES

as good as they grow. Price \$100.  
**T. A. Hawkins, Garden City, Kansas**

# RED POLLS—TWO GOOD YOUNG BULLS

Price \$75 and \$85. Write for description.  
**C. Walter Sander, R. 2, Box 9, Stockton, Kan.**

# RED POLLS—A FEW YOUNG BULLS and heifers.

Fine individuals.  
**J. W. Poulton, Turon, Kansas**

# GALLOWAY CATTLE

# REGISTERED GALLOWAY BULLS

Address Fashion Plate, Silver Lake, Kansas.

When writing advertisers mention this paper



## AYRSHIRE CATTLE.

Purebred  
Ayrshire Heifers

For Sale—Ages from 8 months to 23 months. Two heifers bred to freshen this year. For pictures, pedigrees, prices, write

Department Dairy Husbandry,  
University of Nebraska,  
Lincoln, Neb.

Linddale Farm  
Ayrshires

For Sale: A few good females, cows and heifers; one bull ready for service; your choice of 4 bulls, six months and younger, at \$100 each. Come and see them or write for descriptions at once.  
JOHN LIND & SONS, Manhattan, Kan.

## HOLSTEIN CATTLE.

## Heavy Producing Holsteins

For sale: sons of Smithdale Alcartra Pontiac; 20 A. R. O. daughters; one producing son; Smithdale is from the same cow as the sire of Tilly Alcartra; young, healthy, acclimated bulls from tested dams up to 33 lbs. Also breeders of high-class Jersey hogs. Breeding stock for sale.

American Beet Sugar Co., Center Farm  
G. L. Penley, Farm Supt. Lamar, Colo.

## Choice Young Holstein Bull

Now ready for service. Extra large for his age, finely marked and a perfect individual. Best of breeding. A. R. O. Records for three generations. Priced right.  
ERNEST A. REED, ROUTE 2, LYONS, KAN.

## A Good Reg. Holstein Bull Call

For sale, 2 months old, mostly white at \$50.00. High grade bull calves \$25.00 each any place in Kansas. Crated. HENRY S. VOTH, Goessel, Kan., R. 2.

**HOLSTEIN AND GUERNSEY CALVES**  
Partially purebred, 7 weeks old, \$30 each. We pay express and ship C. O. D. subject to inspection. Write for prices on older stock.  
Spreading Oak Farm, Whitewater, Wis., R. 1

**WAUKESHA COUNTY HIGH GRADE HOLSTEIN AND GUERNSEY CALVES**  
15 each; registered bulls, \$40. Schley & Johnson, North View Stock Farm, Waukesha, Wis.

**FOR HIGHLY BRED HOLSTEIN CALVES**  
Heifers and bulls, beautifully marked, from heavy producing dams, write.  
Fernwood Farms, Wauwatosa, Wisconsin

**HOLSTEIN AND GUERNSEY CALVES**, 21-32nds pure, 7 weeks old, \$25.00 each, crated for shipment anywhere. EDGEWOOD FARMS, Whitewater, Wis.

**REGISTERED HOLSTEIN BULL**  
Choice, growthy, almost ready for service, \$75.00. W. H. Williamson, Raymond, Kan.

## JERSEY CATTLE

## Cedarcrest Farm Jerseys

Herd sire, Oxford Daisy's Flying Fox, has more Register of Merit daughters than any other bull in Missouri or adjoining state and is the only living son of Champ. Flying Fox, progenitor of more 600 pound butter fat cows than any other bull. Young bull calves for sale.

ROBT. W. BARR, Owner  
Lexington Road, Independence, Mo.

**Hillcroft Farms Jerseys** headed by Queens. Fairy Boy, produced the best bred Jersey bull in Missouri, a Register of Merit of Raleigh's Fairy Boy, the greatest bull ever imported. 54 tested daughters, 36 tested granddaughters and 54 producing sons. Choice bull calves for sale. Reference Bradstreet M. L. GOLLADAY, PROPR., HOLDEN, MO.

**TESSORO PLACE JERSEYS**  
One of the largest Register of Merit herds in the state. We won \$1,300 at four state fairs this fall. A choice set of bull calves, grandsons of Financial Countess' had out of Register of Merit cows. Other stock for sale.  
N. A. GILLILAND, MAYETTA, KANSAS

**For Sale—Cash or Government Bonds**  
4 choice reg. Jersey cows, one bull, Hood Farm breeding. S. S. Smith, Clay Center, Kan.

**Scantlin Jersey Farm, Savonburg, Ks.**  
Financial Kings, Raleigh and Noble of Oakland breeding.

**REGISTERED JERSEY BULLS FOR SALE**  
Hood Farm breeding. \$50.00 each. Credit if desired. Percy Lill, Mt. Hope, Kansas.

**REGISTERED JERSEYS**, cows, heifers, bulls. Write your wants. W. R. Linton, Denison, Kan.

## ANGUS CATTLE



## 20 Bulls

15 to 30 months old. Big, strong fellows. Priced reasonable.

J. D. MARTIN & SONS  
R. 2, Lawrence, Kan.

**ANGUS CATTLE** Some choice bulls for sale.  
GEO. M. McADAM, HOLTON, KANSAS

## Aberdeen Angus Cattle

40 head of useful cattle at private treaty; yearling bulls and heifers; 2 yr. old heifers; some cows with calves at foot and bred again. We can please in times as well as in breeding and individuality. Write your wants. J. L. GOHLINGHORST, Randolph, Ia.

1917 for \$27,000, junior and grand champion at the Royal American, Royal and International shows of 1912, junior and grand champion at the Royal in 1913 and senior and grand champion at the Royal in 1915. He is no doubt the best individual produced on the Harris farm up to his generation. Disturber 4th bred by Cyrus Tow and a son of Disturber, was purchased from the Rankins of Tarkio, Beau Donald 173rd was secured in 1917 and Bonnie Brue 80th about the same time. At the Cornish & Patton dispersion in 1917 Beau Model a bull that holds much favor on the Pickering Farm today, was bought. During the same year, they purchased 340 Anxiety bred females in one herd. From the Luce & Moxley herd in 1918 they bought 18 head of Prince Rupert bred heifers; also cattle of Beau Donald and Roshampton breeding from Col. W. H. Roe. From A. B. Cook, top heifers were selected, 12 of which were daughters of Cuba's Panama. That same year at the roundup sale the Pickering Farm bought 10 of the choice cattle offered; also five head at the Blue Ribbon sale, both big combination sales held in Kansas City. From W. N. Collier of Missouri they bought 26 heifers and from W. L. Yost they succeeded in buying 27 daughters of Bonnie Lad 20th. When Clive Iris 3rd, grand champion female both of England and America was offered for sale by Col. E. H. Taylor Jr., she went to the Pickering Farm at \$13,500. About the same time they also purchased out of the Taylor show herd, four cows and their calves. Possibly the biggest thing the Pickering ever did to place their name before the Hereford fraternity was the buying of Ardmore, grand champion bull at the 1917 American Royal and International, for \$31,000. At present the Pickering Farm is the most elaborate cattle breeding establishment in the world. All breeding is done along sanitary and scientific lines and results are being shown in having ever so many fine animals being grouped together under one management. Send for catalog and price list addressing Pickering Farm, Box J, Belton, Mo., and mention this paper.—Advertisement.

## Get These Sale Catalogs.

Recent Kansas sales have shown a strong demand in this state and Colorado for Short-horn cattle. Established herds can be strengthened now with more economy and greater profit than for several years. This condition gives special interest to the opportunity for buying improving animals which will be afforded by two Northwest Missouri sales to be held May 31 and June 1. Kansas breeders will want catalogs of both and application can be made at any time. Address Dr. O. W. Nauman, Craig, Mo., and F. C. Barber & Sons, Skidmore, Mo., and mention the Kansas Farmer and Mail & Breeze. The offerings in both sales are full of the best breeding, including calves by, and cows in calf to, the best of imported bulls.

## Important Shorthorn Sale

No sale should attract greater attention among farmers and breeders interested in Shorthorn cattle than that of A. J. James & Sons at Lenexa, Kan., at the Meadowbrook farm on May 20. The offering will be one of the best lots of breeding cattle to be sold in any sale this spring; 42 head of large useful cows of Scotch and Scotch topped breeding, several useful young cows with calves at foot and bred to pure Scotch bulls, eight head young bulls 8 to 10 months old. The cattle are not fat but in good breeding condition, just right to go on and make money for any farmer or breeder who will give them a little care and feed. Please read sale announcement in this issue and arrange to attend this sale. Take Strang Line Interurban at Kansas City or Olathe, Kan., and get off at Overland Park, near the farm.—Advertisement.

## BY ELLIS RAIL

Holstein breeders who are on the market for a good bull should look up the advertisement of Ray W. Tyler of Highpoint Holstein Farm, Vinton, Ia. Mr. Tyler owns one of Iowa's good Holstein herds and at this time he is offering some very high class with long distance records and out of dams with yearly records up to 1,000 pounds. The bulls offered are sired by a son of the show bull, Oak DeKol Ollie Homestead and out of a daughter of Johanna Payne.—Advertisement.

## BY T. W. MORSE

**One Cow; One Year; 21,491 Pounds Milk**  
G. L. Penley, the superintendent, writes that Smithdale Alcartra Pontiac, the famous herd sire at the head of the American Beet Sugar Company herd at their Center Farm, near Lamar, Colo., is adding more laurels to his crown. He now has 22 A. R. O. daughters, three above thirty pounds. His first daughter to complete a semi-official yearly record has made a great showing, especially as she was handled with the regular dairy herd, milked with a machine, and had no special attention. Her name is Rubertdale Flint Pontiac Mercedes, and her figures for this year are 21,491 pounds of milk and 882,137 pounds of butter. She finished up her year milking 60 pounds per day. Rubertdale Flint Pontiac, who is a full sister to Rubertdale Flint Pontiac Mercedes, is just starting on her yearly test as a 4-year-old, and is milking 90 pounds a day. Another daughter of Smithdale Alcartra Pontiac, named Rubertdale Lillie Wayne Pietertje, as a senior 3 has just recently completed an official seven day record of 25 pounds of butter from 528.9 pounds of milk, giving 81.7 pounds of milk her best day. She is being continued on yearly test. Another daughter, owned in Michigan, has recently made an official seven day record of over 32 pounds of butter. While mentioning some of his famous daughters, it would not be fair to leave out his two Rubertdale Flint Tula Hengerveld, at 4½ years of age, made an official record for both seven and thirty days. In seven days she produced 32,937 pounds of butter from 619.6 pounds of milk, and in thirty days 131.96 pounds of butter from 245.1 pounds of milk. She gave 95.1 pounds her best day. Her thirty day butter record was the fourth highest in the United States that year. This great cow calved again in eleven months, and made an official seven day record of 28.63 pounds of butter, so she has the distinction of making two records in less than a year that average over thirty pounds. Rubertdale Flint Alcartra, as a senior 3-year-old, made an official seven day record of 30.8 pounds butter from 594.7 pounds of milk, giving 91.7 pounds her best day. Along with the news items of these splendid records being made by the daughters of Smithdale Alcartra Pontiac, it may be of interest to breeders to know that this great bull is from the same cow as the sire of Tilly Alcartra. Breeders and dairymen are indeed fortunate in having such a very prepotent bull nearby, where his sons will no doubt be quite a factor in improving many herds.—Advertisement.

## HOLSTEIN CATTLE

## HOLSTEIN CATTLE

**PICKERING FARM**  
30—HOLSTEINS (5 Bulls, 25 Heifers)—30  
From World Record Breeding Stock

This is the chance of your lifetime to buy the best of foundation Holsteins from a reliable breeder who guarantees every animal, the only opportunity you will have this year to purchase Pickering Holsteins at public auction.

**Missouri State Holstein Show and Sale, May 23-24**  
Missouri State Fair Grounds, Sedalia, Missouri

The bulls are all sired by **Finderne Pride Johanna Korndyke** and out of tested dams. Part of the females consigned to this sale are sired by **Finderne Pride Johanna Korndyke**, while others are in calf to this great bull, some will be fresh at the time of sale. As you will remember, **Finderne Pride Johanna Korndyke** is a son of the highest yearly record cow living and he already has 18 ARO daughters, while others are now on test and still others due to be tested as soon as they freshen. All of these offerings can be seen at farm, before sale date. We also have a few young bulls out of high testing dams sired by our great herd bull, for private sale at the farm. Nearly 100 of this famous bulls' cows in our herd.

**Special Announcement—Purchase of King Echo Pouch Lyons.**  
Junior, herd sire—the richest bred May Echo bull.  
Write for sale catalog to **Mal. Mario J. Fiske, Mgr.**  
**PICKERING FARM, Belton, Mo.**  
Purely a Breeding Establishment

## Holstein Bulls, One-Half Price

Bulls with type and long distance records, out of dams with yearly records up to 1000 lbs. Never owned a cow that did not make over 500 lbs. butter in year. These bulls sired by a son of the great show bull Oak De Kol Ollie Homestead 85529. Dam a daughter of Sir Johanna Payne 42147. When you are talking of this combination, you are talking of butter records over 1000 lbs. and milk over 20,000. These bulls are well grown and very typy. Write for pictures and prices.

**Highpoint Holstein Farm, Ray W. Tyler, Prop., Vinton, Iowa**

## The Holstein-Friesian Ass'n of Kansas

Insists upon a square deal by and for its members.

Advertisers below are members of this association: officers are as follows:  
**Walter Smith, President, Topeka, Kan.**  
**W. H. Mott, Sec. Treas. and Sales Mgr. Herington, Kan.**

## EVERY COW AN A. R. O.

with the exception of one that is untested. Good young bulls from 3 months up for sale at reasonable prices. Sire's first daughter fresh last Jan. now milking 55 to 65 lbs. a day. R. E. Stuewe, Alma, Kansas.

## SHOW BULL CALF

Been with state show herd; one that has won prizes. Sired by a 32 lb. sire and from an extra good dam.

J. P. MAST, SCRANTON, KANSAS

**Our Herd Sires** are backed by dams that have produced over 1,000 lbs. of butter in one year. One of them was first in his class at 7 leading state fairs in 1919. A few young bulls left at very reasonable prices. Herd under Federal supervision. Collins Farm Co., Sabatha, Kan.

## SHUNGA VALLEY HOLSTEINS

Bulls from calves to serviceable age; A. R. O. dams up to 25 lbs. butter 7 days; some on long-time test and from Konigen sire, whose 4 nearest dams average 34 lbs. butter in 7 days.

Ira Romig & Sons, Sta. B, Topeka, Kansas

## Braeburn Holsteins

An old and large herd, headed by high-class bulls for 30 years; uniform in quality and production. Send for a bull. You can't get a poor one.

H. B. Cowles, 608 Kan. Ave., Topeka, Kan.

## GEO. L. ALLGIRE,

Route 2, Topeka, Kansas  
Farm near town. Individual production rather than numbers. Something to offer later on.

## Dr. W. E. Bentley's Holsteins

Young bulls of serviceable age, out of A. R. O. dams, sired by 1000 lb. bull whose dam has 5 yearly records averaging 900 lbs. per year.

DR. W. E. BENTLEY, MANHATTAN, KAN.

## We Are Selling Bulls

on time. A son of Canary Butter Boy King from a dam we sold \$1,000. Price \$125. First order gets him.

W. H. MOTT, HERINGTON, KANSAS.

## SAND SPRING FARM HOLSTEINS

Federal accredited—semi officially tested. One mature cow with a four yr. old and a two yr. old daughter produced during 33 mos. 129,354.9 lbs. milk (over 64 tons)—4591.7 lbs. butter—bringing \$2910.48. Visitors welcome. A little later will offer a few nice heifers. E. S. ENGLE & SON, Abilene, Kans.

## TWENTY HEAD OF PUREBRED 2-YEAR-OLD HEIFERS

Well bred, large, well marked. Priced for immediate sale.

M. E. NORMAN, LATIMER, KANSAS

## Oakwood Farm Holsteins

Bulls ready for service out of A. R. O. cows; also heifers and high grade cows and heifers. Herd sire—King Pontiac Ophelia Lyons 265861. Big Spotted Poland China Hogs.

Chas. V. Sass, 1104 N. 5th St., Kansas City, Kan.

## Sir Pietertje Ormsby Fobes

Four nearest dams averaged 1108 pounds of butter for 365 days.

Sam Carpenter, Jr., Owner, Oswego, Kan.

## JNO. H. MAILS,

Tonganoxie, Kansas  
Breeder of Reg. Holsteins. Member National, State and County Associations.

## Twin Bull Calves Born Jan. 3, 1921

95% and 99% White. Dam Oak Lodge Korndyke Lady with 4 A. R. O. daughters. Butter 7 days 26.35 lbs. Milk 52.70 lbs. A 30 lb. bull from the Kansas State record 3 year old. Choice \$200.

GEO. D. REDMAN, TONGANOXIE, KAN.

## Young Bulls For Sale Right

No females for sale at present. But we will sell you a good bull calf at a fair price.

W. J. O'BRIEN, TONGANOXIE, KANSAS

## W. E. Zoll &amp; Son,

R. D. 6, Leavenworth, Kan.

Two very well marked registered bulls for sale. Ready for light service. Priced right.

## BAWNDELL HOLSTEIN FARM

Bull calf for sale whose dam made 28½ lbs. butter in seven days, and has milked over 100 lbs. in one day. Sires two nearest dams average 36 lbs. butter in seven days.

Chas. W. Schultz, Owner, Independence, Ks.

## THE CEDARLAWN HOLSTEIN FARM

Bull ready for service; good individual; well grown; dam, state champion butter producer, all ages, all breeds; record for 3-year-old, 23,385 lbs. milk, 975 lbs. butter.

T. M. EWING, INDEPENDENCE, KAN.

## FORCED TO SELL

"Johanna Netherland Fobes" 204456. A proven young sire with lots of quality. To avoid inbreeding, he must go. A couple of classy bred heifers priced to sell. Write me now for further information. DR. C. A. BRANCH, MARION, KAN.

## BULL CALVES FOR SALE

From cows up to 826 lbs. butter and 20,951 lbs. milk in 365 days; sired by our long-distance herd sire, Sir Aggie Korndyke Mead, whose five nearest dams averaged 1,096 lbs. butter and 23,504 lbs. milk.

Herd under Federal supervision.

HIGH BROS., DERBY, KANSAS

## 8 Months Old Bull Priced Right

A perfect individual; dam holds state record in 4-year-old class, producing 29 lbs. butter and 603 lbs. milk in 7 days; sire is King of the Pontiacs breeding. Write us. C. L. GOODIN, DERBY, KAN.

## Have a Few Well Bred Bulls

Three months old that I will sell at \$100 and up; some dandy heifers also. Come and see them.

B. R. GOSNEY, MULVANE, KANSAS.

## Good A. R. O. Sons of King Mutual Katy

Whose dam made 42.42 lbs. butter in a week, 1290 lbs. in one, 2420 in two and over 3400 lbs. in three consecutive years. No other cow can equal these records. Priced at \$100 to \$200 each.

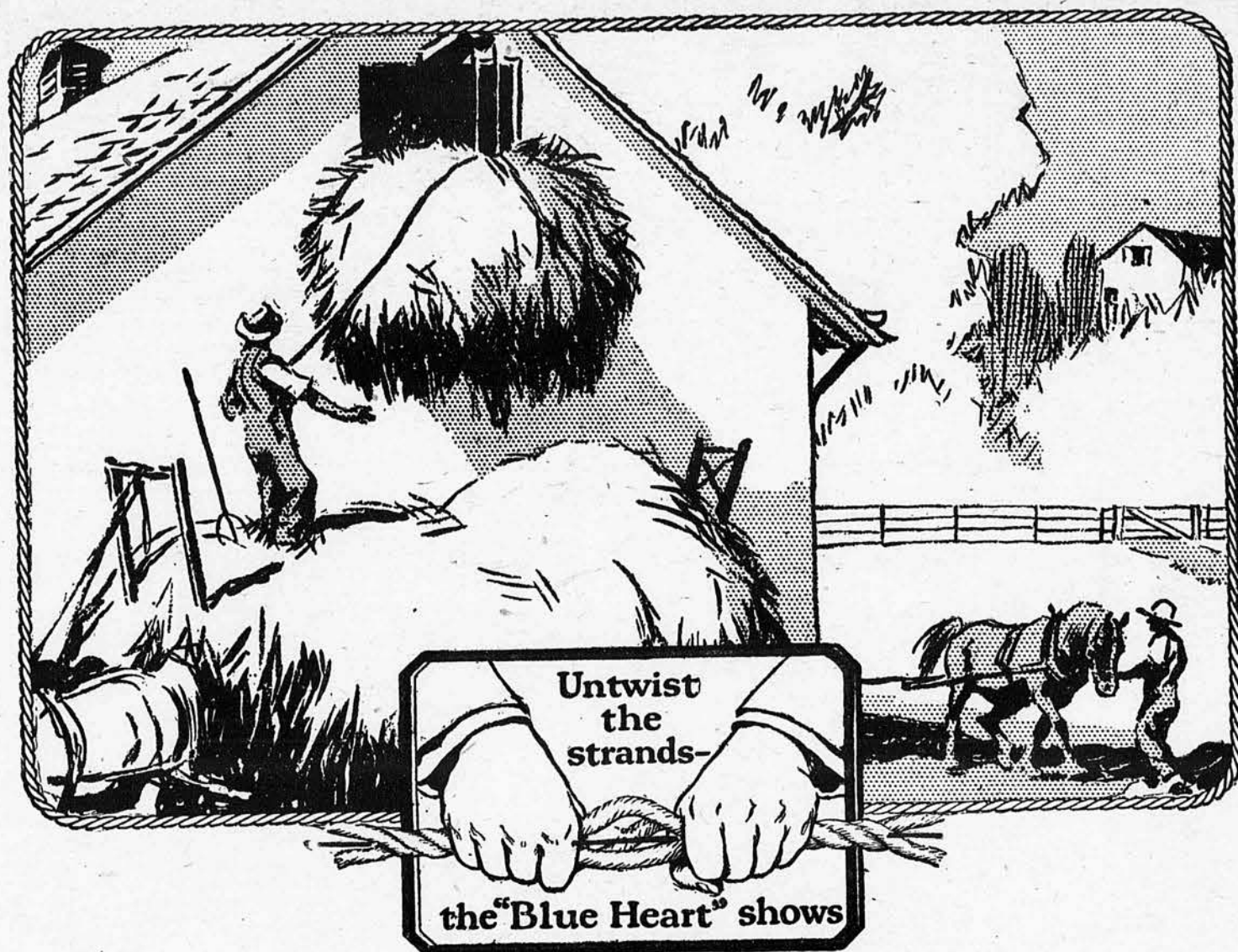
Geo. B. Appleman, Shady Lane Farm, Mulvane, Kan.

## Bull Calf, Six Months

Over ½ white, splendid individual. Dam's record 16 lbs. Sire's dam 42. Dam's sister holds 10 state records. First \$125 check takes him. Registered and crated F. O. B. Mulvane, Kan.

STUBBS FARM CO., MULVANE, KANSAS.





# Standing the grind of the pulleys

## H. & A. "Blue Heart" Manila Rope—the rope with a longer life

When you put your hay in the barn; when your rope is running, grinding, over the pulleys, taking the wear which comes from fast work with excess loads—then you want a good rope, a rope of proved strength, a rope that will stand tremendous strains without fraying to pieces.

Then you want a rope like H. & A. "Blue Heart" Manila—the rope that is built to meet every test, and to live through exposure to every kind of weather.

H. & A. "Blue Heart" Manila Rope—spun from the toughest of manila fibre—is guaranteed to exceed the breaking strength specified as standard by the United States Government Bureau of Standards. Any H. & A. "Blue Heart" Manila Rope that doesn't will be replaced.

And yet it costs no more than ordinary rope!

Let H. & A. "Blue Heart" Manila Rope pull your loads, tether your live stock, perform all of your rope work—and see it wear twice as long as ordinary rope.

### A rope whose strength is insured

There are many fibres used in rope making, of varying strength and durability. Manila, the strongest, the toughest, has numerous substitutes which closely resemble it.

The public, confused by this similarity in

appearance, has had to buy in the dark and trust to the honesty of the maker for good rope.

### H. & A. "Blue Heart" Manila Rope guarantee

H. & A. "Blue Heart" Manila Rope is guaranteed to equal the yardage and exceed the breaking strength and fibre requirements specified by the United States Government Bureau of Standards. Any H. & A. "Blue Heart" Manila Rope found to be not as represented will be replaced.

The eye cannot detect adulterations. What looks like excellent rope will often fray to pieces when comparatively new.

How, then, can you tell? There's an easy way. Pick up any piece of rope in your hands, untwist the strands, and—

If you find a thread of blue running through the center, a *Blue Heart*, then you will know that you have found a good rope,

a rope built to deliver more strength than you require.

Then you will know that you have found genuine H. & A. "Blue Heart" Manila Rope.

### Let H. & A. "Blue Heart" Manila Rope do your heavy work

A halter made of H. & A. "Blue Heart" Manila Rope has three times the strength of a leather halter. A piece of H. & A. "Blue Heart" Manila Rope the size of your little finger will carry the weight of fifteen or twenty men.

And with this strength you get a rope that is

flexible, smooth-surfaced, easy to handle, and that resists water.

H. & A. "Blue Heart" Manila Rope is eliminating the guess from rope buying. It is a rope that will answer your every requirement—a rope built to meet your severest rope tests.

Insure yourself against rope breakage, against delay in your work—with H. & A. "Blue Heart" Manila Rope.

Leading merchants throughout the United States are selling H. & A. "Blue Heart" Manila Rope. If yours cannot supply you, write us.

**The Hooven & Allison Company**  
"Spinners of Fine Cordage since 1869"  
Xenia, Ohio

For purposes where the great strength and long-wearing qualities of H. & A. "Blue Heart" Manila Rope are not required, use H. & A. rope made from one of these less expensive fibres:

"Red Heart" identifies H. & A. rope made of sisal fibre  
"Green Heart" identifies H. & A. rope made of istle fibre  
"Purple Heart" identifies H. & A. rope made of mauritius fibre  
"Pink Heart" identifies H. & A. rope made of African sisal

In your lighter work, where you do not need the rugged strength of H. & A. "Blue Heart" Manila Rope, you will find H. & A. "Red Heart" Sisal Rope of supreme value. Spun from selected sisal fibre, H. & A. "Red Heart" Sisal Rope is guaranteed to give that satisfaction which you should demand in the highest grade of sisal cordage.



## H&A "Blue Heart" Manila Rope