

KANSAS FARMER

FOR THE IMPROVEMENT



OF THE FARM AND HOME

Volume 48, Number 37,

TOPEKA, KANSAS, SEPTEMBER 3, 1910

Established 1863. \$1 a Year.

THE LIVE STOCK PROBLEM

Grain Growing Depletes Soil Live Stock Farming Enriches It

The question of the economical production and marketing of live stock is one that demands careful attention and wise judgment at this time. The live stock industry of the entire country may be said to be in a transition stage. The days of the cheap feeder from the western ranges are practically numbered, and the establishment of great ranches within the corn belt involves so great an investment of capital as to be practically beyond the reach of the average farmer. And yet, we must have meat.

The homesteaders have taken up the cattle ranges of the west, and land that produced bountifully of its rich grasses with no attendant expenses, is now highly priced as farm land and compels a new method of producing beef. The increase of our population, which has grown much more rapidly as a whole than has the farming population, has served to raise the price of grain feeds so that men of moderate means hesitate to buy feeding cattle under present conditions. Our export trade has not materially decreased, while every incoming vessel brings immigrants to our already crowded cities, and each of these must eat. It is said that the average immigrant has no knowledge of America beyond what he has observed in the famous East Side of New York city. This may not be entirely true but it illustrates the great fact that the immigrants of today, which are coming to the rate of more than one million a year, find their homes in the cities, and not on the farms.

The attractions of the city have called away many young men from the farms, and the greatest handicap experienced by the modern farmer of today, even in spite of his numerous and expensive labor saving devices, is a lack of farm help. Growing out of this there has been a tendency to curtail the production of live stock, and depend largely upon the raising and selling of grain throughout the country. At the prices that the various grains have commanded, many farmers have seen that it was to their interest, immediately if not ultimately, to use what help and machinery they had in growing grain and marketing it in its crude form, rather than feeding it to animals and marketing it in its condensed form.

In addition to these things, many farmers who were pioneers in this western country, have found it possible to retire from active daily labor on the farm, and lease their farms to those who have not yet acquired the necessary capital to buy. These tenants do not have the experience or the capital to engage in live stock raising as a rule, and all of these things have combined to bring about a condition which threaten grave results in the immediate future.

For a brief period, and under existing conditions, it has been more profitable and less troublesome to raise grain than to raise live stock. There is less risk and less continuous labor. Our rich western lands may be cropped for a number of years to wheat or some other grain, and bring good returns, but the tide is sure to turn and bring disaster in its wake. So profitable has been the growing of grain crops that the pasture lands have been broken up, and this has

been another cause for the elimination of the live stock industry.

The most profitable production of beef animals has been associated with cheap land, but as these cheap lands have increased in value the stock man has moved to new and cheaper territory, and left the grain grower behind, or else he has engaged in grain growing himself. Our farmers have prospered because of rich soils, favorable seasons, and the high price of grains, but the country is now facing a shortage of meat products which must be met, and the farms are facing a condition of depleted fertility which should never have existed.

The climate and soil of the United States is so diversified that we can not be said to have any well fixed system of farming as yet. Our economic conditions change rapidly in this new country, and farmers have changed with them in order to secure

the immediate dollar, regardless of ultimate consequences. In no section of the Union have agricultural questions arisen in greater number or variety than in Kansas. Some of these questions have been partially solved, but many are still obscure. Among the latter is just what is to be done in the near future for the production of the meat supply of the country.

At its best, the practice of buying feeders from western ranges for the purpose of feeding out and marketing, was a speculative venture, rather than a farm operation. It has always been more or less unsatisfactory, because uncertain. It is now more unsatisfactory than ever before. Prospects are bright for good prices for market cattle this fall, and the price of corn would not seem to be prohibitive. Also, there is a considerable supply of old corn in the country, as yet, and the prospects are excellent for

a large yield this season. Yet the feeders are handicapped for two reasons: It is becoming more and more difficult each year to secure cheap range feeders and stockers, and the investment in large operations coupled with the speculative feature, serves to deter many.

The farmer finds himself between two horns of this dilemma. His land which has been cropped in grains for so many years, is crying out for the fertility which alone can be restored to it through live stock farming, and the indications point to a scarcity of meat producing animals. On the other hand, history shows that he has tried the process of raising his own beef animals on the farm, and has abandoned it. In face of these facts, some try to compromise by buying range heifers and feeding out and marketing them with their progeny. This may answer the purpose in many cases, and for a time, but after all is only a half way measure. It seems necessary to get back to the old method of the early days, and raise our own beef animals on the farm. Many will hesitate before undertaking this, because they will believe, in the light of recent history, that it is not practicable to raise profitable beef and pork on high priced land, and these, or at least some of them, will turn their attention to dairying.

Those who have been regular attendants at the International Live Stock Show at Chicago, will remember that the Kerricks of Illinois showed the most splendid beef animals at that show and won the prizes year after year until they got the habit. These animals were produced on high priced land which was largely devoted to good pasture and figures have been repeatedly published which show that good profits were made on each year's crop of cattle. It is true that these feeders used a certain breed of beef cattle in their successful production of beef on high priced land, but it is not true that this is the only breed that could have been so used. Good pasture and good blood combined will bring good results in the beef and pork markets from high priced land, and will serve at the same time to render the land more valuable with each succeeding year.

It is not a question of profit so much as of methods. Many of those breeders of pure bred stock who have been conspicuously successful with the beef breeds, have noted the changed conditions with which they are now confronted, and have gone into dairying as the easiest solution of the problem. This has given rise to a sharp discussion as to whether dairying or beef production is more profitable on high priced land. It is admitted by all that the farms of the corn belt states were originally devoted largely to live stock growing, and it should be admitted that from this practice came the fertility which has enabled these same farms to withstand the heavy drafts made upon them by continuous grain growing in late years.

The farmer may choose his own class of stock, but whatever may be his selection, he may be assured of ultimate profit. The demand for beef and pork is growing more constantly insistent, and yet the demand for

(Continued on page 16.)



Getting Ready for the Show Ring

KANSAS STATE FAIR

TOPEKA

Under entirely new management the Kansas State Fair at Topeka, will this year surpass any fair ever before held in the state and will take rank with the leading state fairs of the country—a credit to Kansas and Kansas people. More than \$30,000 has been spent for new buildings and improvements for the convenience and comfort of visitors and exhibitors, and nothing has been overlooked which will contribute to the success of this exposition of the agricultural resources of Kansas.

More Than \$35,000 in Premiums

Including \$1,500.00 for County Collective Exhibits. Entries already made in the live stock, agricultural, horticultural, apiary, poultry, arts and crafts and dairy departments insure a showing of products such as the state has never before seen. Every premium will be paid in full. Manufacturers in every line will have full displays of machinery.

FIVE DAYS RACING

More than 200 trotters and runners will be on the grounds for the exciting special contests every afternoon. The purses offered are amply large to attract the best horses of the country. Remember the date.

September 10th to 17th

A solid week of recreation and instruction. The amusement program and special attractions are rich and varied

The American Ladies Grand Concert Band and Grand Opera Singers of Chicago, in four concerts daily. (Opening Sunday afternoon, September 11th, with grand sacred concert.)

Every-day flights by Strobel Air Ship. (Over city and around Capital dome, Sunday afternoon, September 11th.)

The Pain Pyrotechnic Co. grand display Spectacular Fireworks four nights, together with Strobel under a powerful searchlight in daring flights about the grounds.

Parker's clean midway with the best line of interesting and instructive shows.

Electric Panorama "Destruction of San Francisco."

Demonstrations of Deep Sea Diving.

The most instructive and educational program ever given with an agricultural convention.

Write for premium list and place your entries early.

J. W. GOING,
President

H. L. COOK,
Secretary



KANSAS FARMER

EDITORIAL



ROOSEVELT TO UTICA GRANGERS.

"There are no two public questions of more vital importance to the future of this country than the problem of conservation and the problem of the betterment of public life. Moreover, these two problems are really interdependent, for neither of them can be successfully solved save on condition that there is at least a measurable success in the effort to solve the other. In any great country the prime physical asset—the physical asset more valuable than any other—is the fertility of the soil. All our industrial and commercial welfare, all our material development of every kind, depends in the last resort upon our preserving and increasing the fertility of the soil. This, of course, means the conservation of the soil as the great natural resource; and, equally, of course, it furthermore implies the development of country life, for there can not be a permanent improvement of the soil if the life of those who live on it, and make their living out of it, is suffered to starve and languish, to become stunted and weakened and inferior to the type of life lived elsewhere.

"I wish to insist to you here—to you practical men, who own and work your farms—that it is a pernicious absurdity for the practical man to refuse to benefit by the work of the student. . . . One reason why the great business men of today—the great industrial leaders—have gone ahead, while the farmer has tended to sag behind the others, is that they are far more willing, and indeed eager, to profit by expert and technical knowledge—the knowledge that can only come as a result of the highest education. From railways to factories no great industrial concern can nowadays be carried on save by the aid of a swarm of men who have received a high technical education in chemistry, in engineering, in electricity, in one or more of scores of special subjects. The big business man, the big railway man, does not ask college trained experts to tell him how to run his business; but he does ask numbers of them each to give him expert advice and aid on some one point indispensable to his business. He finds this man usually in some graduate of a technical school or college in which he has been trained for his life work.

"In just the same way the farmers should benefit by the advice of the technical men who have been trained in phases of the very work the farmer does. I am not now speaking of the man who has had an ordinary general training, whether in school or college. While there should undoubtedly be such a training as a foundation, the extent differing according to the kind of work each boy intends to do as a man, it is nevertheless true that our educational system should more and more be turned in the direction of educating men towards, and not away from, the farm and the shop. During the last half century we have begun to develop a system of agricultural education at once practical and scientific; and we must go on developing it. But, after developing it, it must be used.

"The farmer, however, must not only make his land pay, but he must make country life interesting for himself and for his wife and his sons and daughters. Our people as a whole should realize the infinite possibilities of life in the country; and every effort should be made to make these possibilities more possible. From the beginning of time it has been the man raised in the country—and usually the man born in the country—who has been most apt to render the services which every nation most needs. Turning to the list of American statesmen, it is extraordinary to see how large a proportion started as farm boys. But it is rather sad to see that in recent years most of these same boys have ended their lives as men living in cities.

"The country church should be made a true social center, alive to every need of the community, standing for a broad individual outlook

With which is combined FARMER'S ADVOCATE, established 1877.
Published Weekly at 625 Jackson St., Topeka, Kan. by the Kansas Farmer Company.
ALBERT T. REID, President. J. R. MULVANE, Treasurer. S. H. FITCHER, Secretary.
Edited by T. A. BORMAN and I. D. GRAHAM.
CHICAGO OFFICE—First National Bank Bldg., Geo. W. Herbert, Manager.
NEW YORK OFFICE—41 Park Row, Wallace C. Richardson, Inc. Manager.
Entered at the Topeka, Kansas, postoffice as second class matter.

SUBSCRIPTION PRICE—\$1.00 per year; \$1.50 for two years; \$2.00 for three years. Special clubbing rates furnished upon application.

ADVERTISING RATES—35 cents per agate line, 14 lines to the inch. No medical nor questionably worded advertising accepted. Forms close Monday noon.

PUBLISHERS' GUARANTEE TO SUBSCRIBERS—KANSAS FARMER aims to publish advertisements of reliable persons and firms only, and we will make good to any paid-up subscriber, any loss he may suffer, through fraudulent dealing on the part of any of our advertisers, provided complaint is made to us within thirty days after the transaction, and it is shown that the subscriber, in writing to the advertiser, plainly stated "I read your advertisement in KANSAS FARMER." We do not, however, undertake to settle, or be responsible for the debts of bankrupts, or for petty or trifling disputes between a subscriber and an advertiser, although we extend our good offices to that end.

PICTURES—Good photographs, drawings and plans are especially solicited. Senders' names should always be written on the back of each picture. KANSAS FARMER cannot be held responsible for any picture submitted, except under special written agreement.

CONTRIBUTIONS—KANSAS FARMER is always glad to have correspondence on all farm, live stock, or household subjects. Your name should be signed to all communications and they should always be addressed to

KANSAS FARMER COMPANY, TOPEKA, KANSAS.

and development, taking the lead in work and in recreation, caring more for conduct than for dogma, more for ethical, spiritual, practical betterment than for merely formal piety. The country fair offers far greater possibilities for continuous and healthy usefulness than it at present affords. The country school should be made a vital center for economic, social and educational cooperation; it is naturally fitted to be such a center for those engaged in commercial farming, for those who live on and by the small farms they themselves own. The problem of the farm is really the problem of the family that lives on the farm."

The wheat grower of this country will each year have more and more trouble to meet the demand for his product. The increasing population not only of this but foreign countries must be supplied. Within the last ten days a million bushels of American wheat have been purchased for exportation to France. The French wheat crop has shown a deficit of about 67,000,000 bushels. American producers will be called upon to supply most of this shortage. The American farmer cannot increase his wheat acreage perceptibly. Increased production can come only from better seed and better wheat farming. The outlook would indicate that the wheat grower can well afford to build up the fertility of his wheat ground.

The only sure way to determine the difference in value between the good and inferior cow is by weighing and testing daily. It is the only safe way of determining what price to ask for a cow in selling her, or what to pay for her when buying. No farmer will sell a cow for \$30, if he knows it, that will make him a net profit of \$40 or \$50 a year. Neither will he keep a cow that doesn't pay him a profit if he knows it. Test and weigh the milk is the way to know.

"Tariff for revenue" was the demand of the people on the last Congress. It would look as though the new tariff law as a producer of revenue was a success. Under it the government has collected \$75,000,000 more in the first year of its operation than has been collected in like fashion in any year except the banner one of 1907. A great share of this increase has come from the higher duties on luxuries, wines, liquors, silks, etc.

Progress on the Panama canal is always interesting. Now comes the information that five and a half miles at the Atlantic entrance were opened to navigation, and this section, added to the five miles at the Pacific entrance, which is open to vessels of all kinds, brings the total of the canal now in actual use up to ten and a half miles. Thus is being realized the dream of a half century.

Have you laid in the winter's supply of coal? Not many people have thought about coal the past few weeks of uncomfortably hot weather. Coal dealers say this winter will witness the greatest shortage known in many years. No coal is being mined in Kansas, Arkansas or Oklahoma. Out of 72,000 coal miners in Illinois, only 6,000 are working. This will serve to give you some idea of the conditions that exist. But the farmer need not worry much about coal. On most farms the corn cobs wasted each year would, if required, supply the necessary fuel. The groves and orchards can be cleaned up to good advantage and will supply a surprising quantity of fuel.

We live in a wonderfully progressive age. The ordinary marks of progress no longer attract attention. The publication of maps and charts for aviators will cause reflection and a guess as to "what next?" The aviators' maps are quite different from ordinary maps. Elevations and depressions in the land are scarcely indicated, as they mean nothing to the aviator, but cities, railroad lines and water courses are carefully plotted, for these are the marks by which the flying men find their way.

H. E. Barnard, food commissioner of Indiana, in his recent bulletin, makes an appeal for the enactment of a state law that will hold dealers responsible for the character of the eggs they sell. Farmers and the country produce men, he declares, have no more right to sell a rotten egg to the buyers than a butcher has to sell rotten meat. The time has arrived, even in Kansas, when the general merchant or produce dealer must candle closely all the eggs he receives. The rotten egg should not get onto the market. The place to catch it is in the first transaction.

The elimination of the dairy cow would necessitate an almost revolutionary readjustment of man's tastes and requirements. It would mean untold suffering and hardship. Of course she will not be dispensed with but her value can perhaps best be appreciated by contemplating such a loss. She will continue to be man's best friend as long as the human family exists and will keep on supplying him with his greatest needs just as she has done through all the ages.

Large quantities of corn fodder will be fed this fall and winter. The fodder should be well shocked and securely tied. The feeding value of corn fodder is rapidly lost when the shocks become soaked with water from rains or snows. When feed is scarce give it extra care. One shock of good fodder will go as far as two shocks of poor fodder.

BETTER SHIPPING REGULATIONS.

Live Stock Commissioner Mercer is to be commended for his efforts to secure better shipping regulations for handling cattle exposed to the mange in eastern Kansas, where the mange is not prevalent, and there are no general quarantine rules. Under the present regulations, if one or two animals in a herd are infected with mange, the federal authorities consider the herd is exposed and must be handled as quarantine cattle. The stockmen desire that they can segregate the infected cattle and ship the others into the open markets as clean cattle. The only restriction would be that if the cattle were sold to be shipped back to Kansas for feeding the cattle would have to be dipped before leaving the yards, while if the stock is butcher stuff there would be no quarantine rules and no dipping required.

The large corn acreage of this season is sure to be followed by a large acreage of wheat. Thousands of acres of wheat will this fall be drilled into corn fields that have been poorly cultivated and in which the soil will be heavily seeded with weeds. For the same reason that thousands of acres of corn will yield a small crop, the chances are thousands of acres of wheat will yield poorly, in that the farmer planted and sowed more than could be taken care of or for which the ground could be gotten into proper condition. In the long run, on the farm as elsewhere, it pays to do that only which can be done well.

"Forestry," says State Forester Scott, "is the common sense management of timber lands so as to secure a larger yield in the future." The big field for his work, he says, is that of tree planting in the central and middle western part of Kansas. Most of the work so far has been advisory, such as sending out information and advice for planting wood lots and shelter belts and particularly advice as to the kind of trees that will withstand the climate of western Kansas. A farm must have trees. Just as well grow the kind proven best adapted to your locality. Write State Forester, Manhattan, Kan.

Kansas has never experienced a dry spell so long that it was not broken by a soaking rain. The rains of the past ten days have made a new country of the western two-thirds of Kansas, and in that section there will be lots of corn and an overabundance of roughage for winter feed. The farmer who sowed an extra patch of sorghum or Kafir after harvest and had the seed in the ground ready for the rain is the man who met the emergency and will reap a handsome profit. When things look a little dubious it is well to take an extra hitch in the belt and hit just a little harder. The last good blow is the one that counts.

A great deal is written and said about teaching boys and girls agriculture in the country schools. Well, the country schools are not teaching much agriculture yet. But why not teach them on the farm? Why not the farm parent post himself and give Tommy and Sally daily lessons and demonstrations? On the farm is the cheapest place and the best adapted to agricultural instruction of any known to us.

Studying agriculture "by mail" is now to be one of the opportunities for Kansas farmers. The Kansas State Agricultural College is announcing a correspondence course, including such subjects as elementary agriculture, soils, stock feeding, dairying, etc., and courses will also be offered in elementary cooking and sewing. The work will begin in September and instruction is to be limited this year to residents of Kansas, preference being given to those who live on farms.

This country is spending twice as much in preparation for war and the maintenance of its army and navy as it spends for the entire public school system. This is wrong and should be reversed.

WINDMILL IRRIGATION

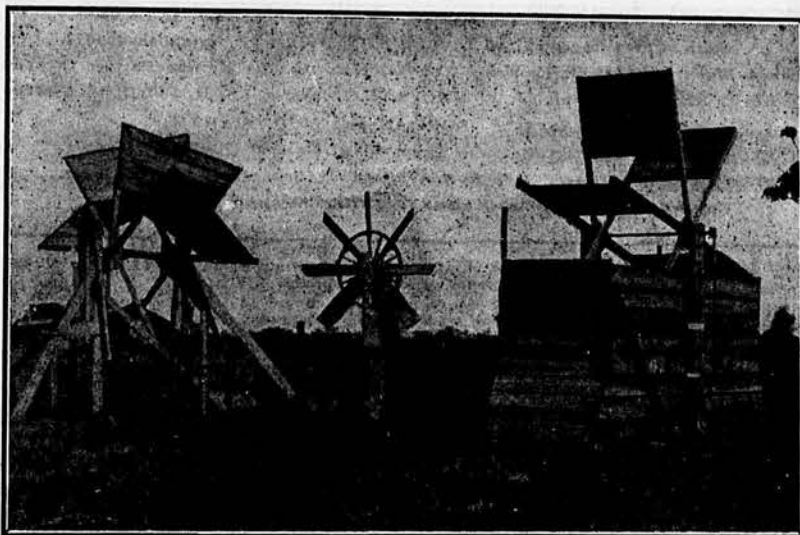
More Home Comforts and Revenue At Little Cost

Years ago it was common belief that western Kansas might perhaps benefit by irrigation projects, but no thought was entertained that such benefits could be derived by the eastern part of the state. With the development of dry farming methods and the securing of crops that are adapted to western conditions, the farmers in the western portion of the state do not have much to say about irrigation of late, but curiously enough many in the eastern part of the state, and more particularly in the southeastern section are discussing it seriously. One county in that portion of the state is said to have appealed to the governor through its representatives for state aid in installing irrigation plants for the preservation of their crops in the summer drouth.

By windmill irrigation is meant any kind of irrigation where water is artificially pumped. The cheapest and most convenient means at hand has always been the windmill. If large quantities of water are needed in regular supply, the gasoline engine is unquestionably more efficient. Unless a large investment is made for the installation of a pumping station plant, the area which can be irrigated by artificial means must necessarily be comparatively small. For ordinary gardens and orchards or truck patches it is entirely feasible and profitable.

With the idea of helping those who might like to try an irrigation plant of this kind on a small scale and at the minimum of expense, the Kansas Farmer presents herewith the pictures of three types of home made windmills such as have been used in many sections of the West. These may also be valuable to those who would like to install a pumping plant for stock water in some part of the farm where they do not feel warranted in expending money for a steel windmill. They are of course temporary affairs and can be thought of as makeshifts only, but have the advantage of exerting a large amount of power and of costing practically nothing but home labor and the materials which may be picked up about the farm.

These windmills, or jumbos, as they are sometimes called, are not easily controlled. They go when the wind blows and cease to go only when the wind stops. This means that a very large tankage capacity must be provided, as there is no way of switching them off when once the wind starts. The large machine at the right of the picture is usually built so that the blades will face the southwest wind squarely. In other words, the structure is not set square with the compass. This type must be boxed in from the axle to the ground in order that the wind may strike the vanes on the upper half of the wheel only.



The beginner in irrigation is likely to lay his plans to irrigate more land than his mill will supply water for. It is best, therefore, to begin on a small scale by erecting a suitable windmill or pumping engine which will throw water into a reservoir of some sort. In the West these reservoirs are built of earth at some point sufficiently high to give fall to the water over the land to be irrigated and are then puddled by wetting down and smoothing with a reversed road scraper. They can be puddled by feeding hogs or sheep in them for a time while the soil is moist and before the water is turned in. Such structures are always a source of trouble and expense because of the absolute certainty of their leakage. Crawfish, muskrats and other vermin will dig holes through which the water will gradually work to the outside. Even old dams which have stood for years are likely to spring leaks during a rainy period.

The fruits and vegetables which are most dependable are those which mature before the middle of July. Such varieties need no irrigation. There are many others, however, that are highly desirable and that are sure producers in the ordinary season but which, because they mature after this period, are somewhat uncertain unless artificial irrigation is resorted to. Cherries, plums and gooseberries, with the early vegetables rarely need irrigation, but the orchard fruits, grapes, strawberries, blackberries and raspberries mature at such

mills, however, it is not likely that one a time that, unless they have an artificial water supply within reach, they are likely to prove a failure or of a very poor quality. How often have we seen our raspberries and blackberries dry up into little hard knobs when a flooding of the ground with water at the right time would have produced luscious crops which always command a good price on the market.

The advantages of a reservoir lie not only in the fact that it affords a large quantity of water for simultaneous distribution over various crops, but it gives an opportunity for this water to absorb heat from the sun, which is very desirable. Cold water fresh from a well or spring chills the roots of the plant and does not produce as good effects as would be gained by the use of water of a higher temperature. Another advantage is that the well or other source of supply may not be very strong, and as the irrigation periods only come occasionally, there is time between to fill the reservoir. It is also a resource in times when the wind does not blow to operate the wind pump and such periods are frequent in the hot days of summer.

Undoubtedly, concrete is the best material of which to build such a reservoir. It is not only free from all the objections that may be urged against any other material, but it has many advantages of its own. It can be elevated to give the required fall to the water if necessary. With the use of jumbo

would care to go to the expense of building a large concrete reservoir. Whatever reservoir is decided upon the results obtained will be astonishing if the work or irrigation is properly done. A small tract only is necessary to produce all of the vegetables needed by the family, but with a cheap outfit such as here described these vegetables may be had fresh and delicious practically every day of the season. A large area is not necessary, but good cultivation is. As soon as the water has been absorbed by the ground and the surface is dry enough it should be immediately cultivated, as this will double the efficiency of the irrigation and increase the rapidity of the growth of the vegetables besides keeping down the weeds. The application of the water should be made by running small furrows close to the roots of the plants and then filling these with water. It is best to cover these furrows as soon as possible after the water has been absorbed in order to prevent baking of the surface and the evaporation of the moisture.

Under such a method of procedure enough vegetables can be raised for timely use and these of much better quality than are ordinarily taken from an area many times its size. Instead of devoting an acre or any considerable portion of it to the farm garden, only a few square rods are necessary for all the family vegetables and small fruits, while if the pumping capacity and storage tanks are large enough orchard fruits may be insured by their use.

Prof. J. E. Payne of Colorado, who is a Kansas boy and a graduate of the Kansas Agricultural College, has spent the last fifteen years in the study of irrigation problems and he recommends that a dozen each of apple, plum and cherry trees be planted where they can be watered occasionally, and a few pears and peaches may be added along with cherries and other fruits that may be chosen. He suggests that if the water is very scarce it may be rendered more efficient by boring holes with a post auger near the trees and allowing these holes to fill at each irrigation. His choice of apples would include two each of Duchess of Oldenburg, Wealthy, Jonathan, Missouri Pippin, Jeniton and Winesap, while he recommends Early Richmond, Montmorency and English Morello for cherries, Weaver and Minor for plums, and states it as his belief that such a garden and orchard irrigated by means of wind pumps and a storage tank will produce many times the food supply for family use that could be had on a large acreage farmed without. While by a proper handling of the pump and the reservoir considerable profit may be secured from surplus products furnished to the market.

Advantages From Showing Pure Bred Stock At Fairs

By C. F. DIETRICH, Ottawa, Kansas

Advertising is today one of the most important factors in developing any business, and the live stock industry is no exception.

Showing stock at fairs is to my mind a splendid opportunity to advertise, for then you can become acquainted personally with hundreds of people who are directly or indirectly interested in breeding or raising stock.

You can show them your stock and "seeing is believing," and the impression left upon their minds remains for many years and will in many ways help your business in the future. There are also many sales made through showing your stock. If you are fortunate enough to win a good ribbon it enhances the value of the animal from 25 to 500 per cent, because of the notoriety or advertising it gives your herd. So this is a direct money making advantage.

Another important advantage is the enthusiasm absorbed by your customers or visitors and the result is they go home with the determination to breed better stock. The showman also becomes more enthusiastic through coming into competition with competitors worthy of his best efforts, and it is a great schooling to him and the result is, he goes home determined to come back another year with a better herd than he has this year.

It also furnishes the best place in the world to get the conceit taken out of you and it is done so quietly and easily you can hardly realize for two

or three days that it really happened.

Pride or conceit, whichever or whatever you call it, we will not analyze it, is necessary to make a good breeder, but often it is the greatest obstacle in the path of a breeder for he allows it to warp his opinion to such an extent he thinks anything he has is the best in the world, and when he goes to the fair and drives out into the show ring and sees the judge send him back to the pens, and when he gets no sympathy from the crowd he necessarily begins to pull himself together and dig around to find the reason for his disappointment or failure.

This reminds me of a little incident at one of our fairs a few years ago. A certain breeder as soon as he had his animal comfortably put away took the trouble to inform all of his competitors that he was a sure first prize winner in this, his only class, and then, not satisfied with this information once given and for fear I presume we would all forget it, he would proceed about every thirty minutes to repeat the information.

When this class, for it was a very large one, was driven into the show ring, the judge found it necessary upon account of room to send the animals he did not consider in the race, back to their pens, and it so happened that the one we had been informed so often was the sure winner, was the first ordered back. It is un-

necessary to say it caused a smile upon several faces for they had expected as much, but when a few minutes later we saw the owner, or rather the coat tails of the owner and a telescope for a running mate, beating time for the depot, well we all laughed, just couldn't help it. We have all had the same feeling.

Showing is a great education. It broadens your views, it teaches you how to judge an animal. It teaches you how to handle the animal in the show ring and in your exchanging views with fellow showmen and breeders you learn many valuable points in handling and feeding and developing your stock. These evening chats under the moonlit sky or under the hog shed roof teach us to judge each other with more charity and are the beginning of many warm friendships among our brother breeders which will last for many years.

While we learn many useful things showing, I feel that I cannot close this article without mentioning some things we learn that should be forgotten by not having them repeated.

First in my judgment is the over importance given by some judges to the over fitted type when in the show ring.

We are now talking of the show ring of breeding animals. In later years it has been almost impossible to win a premium in a big show without what I term an over fitted animal,

and the result is, it is very discouraging to the smaller breeder from the fact of the expense incident to this over fitting, and from the fact that it ruins so many animals as breeders which is also expensive. Look over the field and sum up the sows that never breed after being in the show ring, and look at the boars that have become non-breeders because of over fitting. Of course, the fellow who does this will lay it, to some other cause.

My suggestion along this line is that the judge should cut an animal for over fitting as quickly or a little more than for under fitting. Now remember we are showing animals in the breeding class, not fat stock class.

If the showman of breeding stock will stand shoulder to shoulder for this improvement we will correct this ever increasing evil and have accomplished something far reaching in the stock breeding business. Will you do so?

It is the small practice of some showmen in forming a combination after attending some fair, and sometimes before going out to the fair, of picking out the best in two or three herds and showing them as belonging to the one man or firm for no other reason than to win a ribbon or ribbons that do not belong to them. This is dishonest and gives the advertising advantages to men it does not belong to and robs the other showman of advantages and money rightfully his. Again, brother showmen, stand

(Continued on page 10.)

THE FARM



A general cleaning up of the ground surrounding house and barns is not alone esthetically correct, but will destroy the lurking place of vermin that prey upon farm crops.

Do not thresh all the oats. Leave a good-sized rick for the cows and work horses late next spring. Oats in the sheaf fed in manger on a stormy day tickle the palates and make the dairy cows fill the milk pail.

A happy way of looking at things is one of the largest assets that a man can carry with him into and through life. The business world is on the lookout for men who have faith and courage, since these are necessary to the completion of the tasks the age has set for itself. Optimism, backed by common sense and industry, is today the surest resource a man can have. It widens his circle of friends, it enhances his credit, it tides him over the times of stress when the man whose heart is misgiving him fails. It is not for sale on the markets, but it adds to the commercial and social and moral worth of a man.

Where Cost of Living Increases.

One great truth which stands out from all the tangle of fact and error and guessing and theorizing on the increased cost of living is the comparative immunity of those who live on farms from the worst effects of the rise in market values. Most of the food they eat is produced, or can be produced, on their own land. They get it, or can get it, at cost price to the producer. Their shelter is found under roofs which are theirs, if they own their farms. If not, the rent is very low, compared with the scale of living in cities and towns. The need of clothing is less, other things being equal, in the country than it is in the cities. The temptations to spend money for many things are much narrowed.

On the other hand, the rise in food staples, the burden of which there is most bitter complaint in cities and towns, increases the farmer's chances of profits from his land and his labor. He makes money by the changes in value which cause the loudest grumbling in urban communities, great and small. The food he consumes is only a very small fraction of the quantity which he sells. The higher grain and meats, eggs and poultry, milk and butter, fruit and vegetables rise, the greater his harvests are in their market value.

Meanwhile country life is gaining in other ways. It is not so lonely as it used to be. The trolley cars have done much to increase its sociability and widen its opportunities for enjoyment. The rural free delivery system has helped greatly in the same direction. The telephone has probably been the most important of the agencies which have made the farm homes of America less isolated and broadened their contact with the outside world.

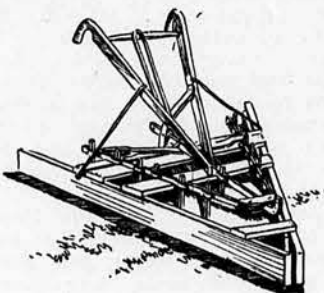
The gradual improvement in country highways is also a powerful aid to happier and freer living on the farm.

farms, and where an automobile can be kept it adds to the farmer's freedom of movement and diversity of enjoyment.

In the light of these facts, all of which are beyond dispute, is not the call of the country strong enough to lead many strong and capable men out of the struggles and uncertainties and strain of the cities to the comparative security of livelihood and relative peace and calm of the farms? —Wallace C. Richardson.

A Handy Road Tool.

We recently visited a model farm and one of the most attractive features about it was the condition in which the roads, both on the farm and the adjacent highway, were kept by use of the split-log drag. This is a matter of real economy, as well as of good looks. A visit to another farm showed a modified device which we had never seen used elsewhere, and which is the invention of the owner. It is so effective that a drawing of it is shown herewith. It is really a combination of harrow and split log drag. The harrow teeth are attached in such a manner that they can be let down and the implement used as a harrow only, or the teeth can be raised and the implement used as a drag only. If the teeth are set level with the bottom of the drag, it forms an excellent clod crusher, and its weight is such that it can be nicely handled with an ordinary farm team. There are certain roads which require a good deal of whipping into shape before they become good dirt roads. This work can be done by a split log drag if time is taken for it.



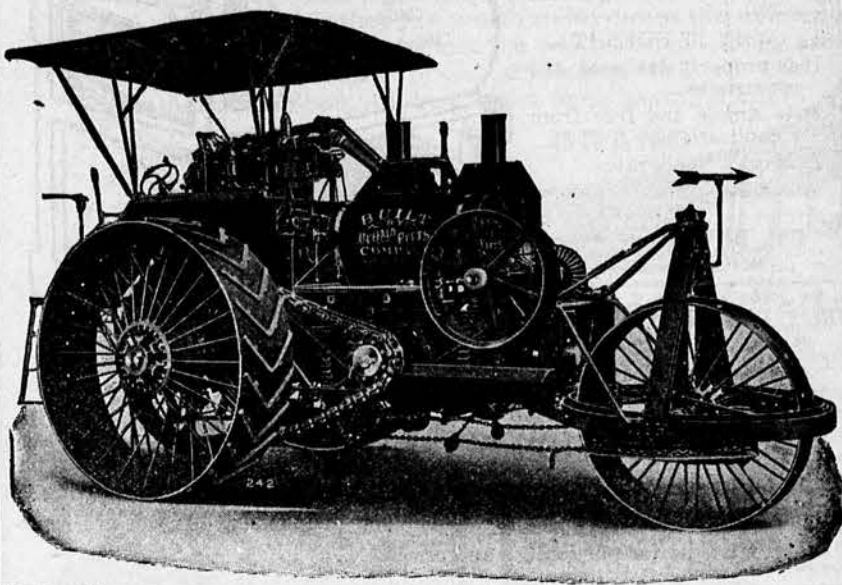
It can be done more readily by the combination implement illustrated herewith, as will be shown on a trial.

As this implement has a value in the field that is equalled by that on the road, it may be considered a distinct improvement over both the ordinary split log drag and the harrow. The drawing is sufficiently plain to show the method of construction, and the cost for the iron attachments for holding the teeth need not be great. The teeth of course can be set in a wooden frame, though they are less satisfactory so, because less readily adjustable. This implement has been used on the farm where it was made for a number of years and has been found equally effective in the field or on the road. The success of the owner has been such that it may serve to solve the problem which comes before other readers of the KANSAS FARMER.

Is Your Subscription Expiring Soon?

KANSAS FARMER will be 49 years old on January 1st, 1912. As a special 49th anniversary subscription offer, we will mark your subscription paid to that date, and also send KANSAS FARMER for the same length of time to a new subscriber whose name you may send us—the two subscriptions to January, 1912, for only \$1.50. Here is an opportunity to benefit yourself, your neighbor and Kansas Farmer, all at the same time. The sooner you order, the more issues you will receive. This offer is good during this September only.

THE BUFFALO PITTS TRIPLEX GAS TRACTOR MODEL 1911



Has Shown Wonderful Economy in Fuel.
Durability in Every Part.

At Last a Gas Engine That Will Satisfy Particular People. Built with the Buffalo Pitts Quality

Houston, Tex. BUFFALO PITTS COMPANY, Fargo, N. Dak.
Wichita, Kan. Buffalo, N. Y. Minneapolis, Minn.
Lincoln, Neb. THE QUALITY MACHINERY. Madison, Wis.



BACK TO THE SOIL

You Have Preyed on the Soil Long Enough!

It is time to pay back something to it. What shall it be? Will you give back soluble, concentrated food, or will you "buy bulk" in big bags of low-grade, badly-balanced plant food? If you can't break yourself of the "same old brand" habit, buy some Potash—real, soluble, high-grade plant food—to mix with the old brand.

Ask your dealer to carry Potash in stock—we will sell him, or you, a carload or a ton

Write for prices, and for our new pamphlet on Fall Fertilizers, telling you how to improve the old brands and how to mix better ones at home for less money. It will pay you to do it, for

Potash Pays

GERMAN KALI WORKS, Continental Building, Baltimore, Md.

FIELD SEEDS AND NURSERY STOCK

ABILENE NURSERIES

Write for catalog and price list before placing your order. We have the stock that bears fruit; also all kinds of ornamental trees, forest trees, shrubs, roses and vines. Special attention given mail orders. 10 per cent discount on \$5 order; 15 per cent discount on \$10 order. Cash with order. Mention paper.

W. T. GOUGH & CO., Abilene, Kansas.

TURKEY WHEAT.

From 150,000 bushels of choicest Turkey wheat, I have selected 2000 for seed. This is the dark, hard, shoepeg Turkey wheat, it is plump and dry, well cleaned and every grain will grow.

The price—\$1.30 per bushel f. o. b. Topeka in sacks Cash with order, shipment at once.

THOMAS PAGE, Miner.
Topeka, Kansas.

NEW CROP ALFALFA SEED

We can supply new crop American grown Alfalfa Seed for immediate shipment. Write today for samples and price.
MISSOURI SEED CO.,
Box 4, Kansas City, Mo.

L. M. PENWELL Funeral Director and Licensed Embalmer.

511 QUINCY ST. TOPEKA, KAN

Anyone not now a subscriber can secure Kansas Farmer on trial the balance of 1910 for the special introductory price of 25 cents. Stamps will be accepted.

PERCHERON Registry Company

Is Recognized by the Government as an Authority on

PERCHERON PEDIGREES

Nothing but Pure Bred Percherons recorded in its book. No increase in fees. Send for application blanks, etc.

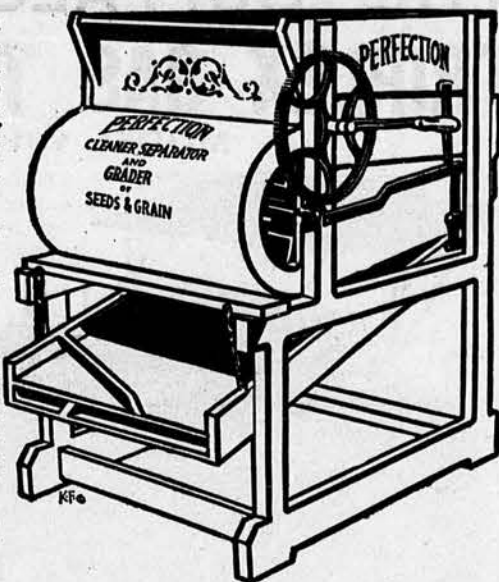
CHAS. C. GLENN, Sec'y,
Station A, Columbus, Ohio.

The Perfection Seed Cleaner and Grader

It is no longer a question of whether or not a first-class cleaner, separator and grader is a necessity on the farm, for all farmers now realize the importance of grading and cleaning grain.

WHY IT DOES IT
It is properly designed and constructed.
It is simple and free from complications.
It is easy to operate.
It is durable and reliable.

Hon. F. D. Coburn says of the Perfection: "It was nearer perfection than anything of the kind I had ever seen, and far more so than I had supposed possible. I couldn't have believed it without seeing it." H. W. McAfee, farmer and stock grower says: "The Perfection Seed Cleaner is a success. It is the only machine that makes three grades at once and separates all weed seed from the good, perfect seed, and the only mill that cleans alfalfa seed ready for sowing."



We are now selling this machine direct to the farmers, thus saving to them the profits that go to the jobber and middleman. If you are interested, write us for particulars and prices.

The Jensen Mfg. Co., Topeka, Kansas
Sole Manufacturers

**LESS
SEED
BIGGER
CROPS**

**PROTECT
WINTER
WHEAT
FROM FROST**

If your winter wheat is not planted properly with a good drill, thousands of seeds are sure to be killed by frost, and just that much ground stands idle because the seed did not grow. Still more ground will stand idle because seeds were planted too close together, and the plants will starve because they cannot all get enough nourishment.

Are you not losing money when you waste seed this way, and lose the use of your ground—to say nothing about the waste of seed?

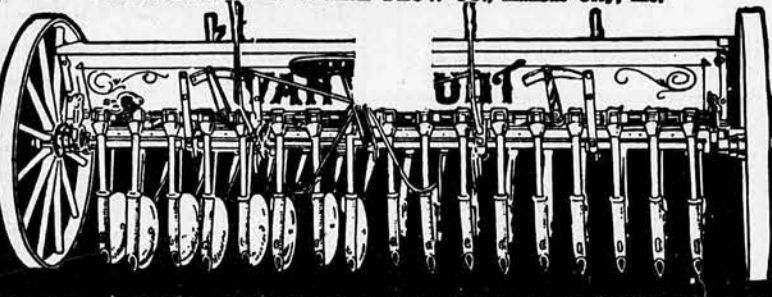
It is a sure fact that you are losing more money every season than it would cost you to make your winter wheat and spring oats safe from frost—safe from sun, birds and heavy rains—to get the use of all your ground.

VAN BRUNT SINGLE DISC DRILLS increase your yield on 25% less seed. Twice a year you can make a substantial profit with a Van Brunt Single Disc Drill. It plants and covers every seed deep enough to be safe. On 25% less seed than you are using now, you can increase your oat crop 25%. On 25% less seed than you use in broadcasting winter wheat you can make as remarkable an increase in your wheat crop. At the same time you will improve the quality of your crops. Seeds are all planted at same depth; they sprout, head-out fully, and ripen at the same time. Plants grow with stronger stalks and deeper roots to withstand beating rains and heavy winds.

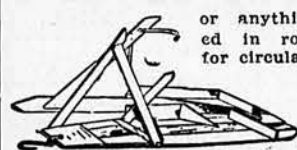
This seed saving and the big increase in yield more than pays for a Van Brunt Single Disc Drill the first season. The years after that it makes clear profit. The Van Brunt is the oldest, longest established drill, solidly, substantially built to last a lifetime. Nothing to get out of order. Disc bearing can't work loose—and needs oiling only once or twice a year.

Free Book. If you want to know how to prevent waste of seeds and ground—if you are interested in the remarkable savings in seed—if you want to investigate how to plant seed so that every seed with a germ of life is sure to grow—write for our free illustrated, interesting book. Write today.

VAN BRUNT MFG. CO. 134 Van Brunt St., HORICON, WIS.
Distributors: JOHN DEERE FLOW CO., Kansas City, Mo.



**RUNS EASY, CUTS AND GATHERS
CORN, CANE, KAFIR CORN**



or anything planted in rows. Send for circular.
Fully protected by patents
Mfg. by **GREEN CORN CUTTER CO., Topeka, Kan.**

When writing advertisers, please mention Kansas Farmer.

14 1/2 CENTS A ROD FOR A 24-INCH HOG FENCE
Send for Catalog Showing Many Styles All Sold on Trial
The Ottawa Mfg. Co., Ottawa, KS

FENCE STRONGEST MADE. Built strong chicken-tight. Sold to the user at Wholesale Prices. We Pay Freight. Catalogue free. **COILED SPRING FENCE CO., Box 255 Winchester, Indiana.**

Stack the wheat straw. You need it for bedding if for nothing else. Bright straw is worth more for bedding than rotten straw. A load in the racks now and then will please the cattle and horses, even though you have plenty of good roughage.

Silo Construction.

A frame must be provided which is strong enough to withstand lateral pressure. The greater the depth, the greater the downward pressure and the proportionate amount of silage.

Lathed and plastered silos are not a success. Plum, in Farmers' Bulletin No. 32, says the best lining for wooden silos is two layers of boards with tarred paper between.

A smooth and lasting surface is essential for the inside.

The King or Wisconsin type was designed when the cost of lumber was much lower. Is highly satisfactory where lumber is reasonable. However, in any horizontally sprung siding the nails are apt to pull out.

The stave silo is successful depending on the construction. The woods used are redwood, a conifer which seems to possess lasting qualities to the highest degree. Cypress is well adapted to this purpose. Oregon fir is good, especially since it may be secured in full length staves. Tamarack or larch is similar to hard pine and is slightly preferable. White pine, if free from loose knots, is good. Long leaf yellow or hard pine is the stiffest of all pines and if of choice grade is good except that the shrinkage is great.

The Buff Jersey type may be made cheaply of cheap materials but generally if it is advisable to erect a silo it is not practicable to put up anything but a good one. It need not of necessity be frost proof. Whenever stone can be found on the farm it may be converted from idle into active capital. In all wooden types except the questionable stave silo a sufficiently strong construction is warm enough.

Objections to stave silo: When empty the staves shrink and loosen and are racked and twisted. The hoops are apt to be broken through intense pressure due to swelling staves. Staves do not contain the same amount of sapwood in all parts, hence shrink unevenly and tend to warp. Railroad water tanks when cared for in the best possible manner last only fifteen to thirty years due to dry rot. Expansion and contraction of staves during wetting by silage and drying while empty makes it difficult to anchor the staves or roof.

Metal as a material for silo construction is in the experimental stage but it probably will never get past it. The action of acids upon it is too great.

Brick has been used quite extensively and with good results where the cost is not prohibitive. The inside must be smoothed with cement to make it satisfactory. The Iowa Station has designed a silo constructed from tile. Until it has been tested further I would not recommend it.

We have left for discussion the various types of concrete construction.

The block type may if the construction is perfect give excellent satisfaction. However, it is too uncertain, too apt to crack and if it once does crack it is finished. No concrete blocks for me.

The solid wall concrete or monolithic type with a base six inches thick reduced toward the top to three or four inches is in my opinion the best silo that can be put up. The strength is present together with enough warmth to prevent freezing in this climate and the material is as durable as has been discovered. The cost of forms is the primary obstacle, these being expensive, and if not expensive in themselves they require a great amount of labor in their manufacture. This objection has to a great extent been overcome by the use of metal lathe and the erection of the thin wall silo. The metal lathe are braced in place from the outside. The inner surface is covered with a coat of cement an inch or so in thickness. When this sets the forms are removed and the outer surface is cemented. The whole is finally washed with a cement wash. To date the material and type of construction has given entire satisfaction. Fire proof. Roy M. Johnson, Mankato, Kan.

Anyone not now a subscriber can secure Kansas Farmer on trial the balance of 1910 for the special introductory price of 25 cents. Stamps will be accepted.

This Free Cement Plan Book Gives You the Costs-

Shows you how to build anything on the farm of Sunflower Cement

**THE
SUNFLOWER
CEMENT
PLAN BOOK**



Tells you how to make tanks, troughs, cisterns, floors, posts, foundations, walls, steps and all kinds of permanent farm improvements of Sunflower Portland Cement. Gives you the working drawings, specifications, bills of materials and the costs all figured out. This wonderful little volume could not be bought at any price. It is the work of the best building experts and practical cement workers in America. But it is FREE to every farmer who asks for it. Just send your name on a postal card and the Plan Book will be sent free.

Sunflower Portland Cement

is a fine cement powder of great strength and uniformity. Every sack is guaranteed to have been subjected to repeated tests showing a compressive, tensile and transverse strength that cannot be exceeded by any other cement on the market. We will show you how to test Sunflower Cement at home and see for yourself. Sunflower Cement is sold by all the leading lumber and building material dealers. Send for the Plan Book today. **United Kansas Portland Cement Co. 829 Commerce Bldg., Kansas City, Mo.**

When writing advertisers, please mention Kansas Farmer.

Warranted to Give Satisfaction.

**Gombault's
Caustic Balsam**



Has Imitators But No Competitors.

A Safe, Speedy and Positive Cure for Curb, Splint, Sweeney, Capped Hock, Strained Tendons, Founder, Wind Puffs, and all lameness from Spavin, Ringbone and other bony tumors. Cures all skin diseases or Parasites, Thrush, Diphtheria. Removes all Bunches from Horses or Cattle.

As a Human Remedy for Rheumatism, Sprains, Sore Throat, etc., it is invaluable. Every bottle of Caustic Balsam sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars, testimonials, etc. Address **The Lawrence-Williams Co., Cleveland, O.**

**WIND MILL
INSURANCE**

WHAT'S the use of wasting good money on a windmill outfit for the wind to down when you can just as easily, and for about the same price, buy an outfit which its manufacturers, for a nominal fee, will insure for five years against tornadoes, cyclones, run-away teams—in fact against anything and everything except willful act or willful neglect.

The Goodhue Windmill is the only windmill made that is so insured, because the Goodhue is a windmill that is built right. A postal card will bring you the proof and a free book in which you will find more practical information about windmills than can be obtained from any other source. **WRITE TODAY.**

APPLETON MFG. CO. 19 Fargo St., Batavia, Ill., U.S.A.

WANTED—AT ONCE

We want agents in every locality to solicit subscriptions for Kansas Farmer. We furnish samples and supplies free of charge and allow you a good cash commission. Right now is the time to get busy, either among your friends or at your county fair. If interested, let us hear from you. We will make you a proposal that you will appreciate. Address Kansas Farmer, Topeka, Kan.

FARM INQUIRIES

ANSWERED BY
Prof. A.M. Ten Eyck

I want to plant some cowpeas and would like to know how deep to list them. When is the best time to plant them?—Orville Soper.

I am mailing you copy of Bulletin No. 160, on "Cowpeas." It is not usual to list cowpeas, prefer to plant with the surface planter, or at least in quite shallow furrows. We sometimes use the disk furrow opener on the ordinary surface planter. The objection to planting in furrows is that the plants begin to produce leaves and pods quite near the ground, hence cowpeas planted in listed furrows are quite difficult to harvest without losing a considerable portion of the foliage and many of the pods are likely to be cut in two if the peas are cut with the mower. Again, if the vines are harvested for seed by hand-pulling, the deep planting makes the vines pull very hard. There is objection to planting in lister furrows also until quite late in the season, since cowpeas require a warm soil to sprout and start well. Our plan at this station is to plant about the first week in June for seed production. For forage, either pasture or hay, cowpeas may be planted at a considerably later date, in a well-prepared seed bed, and mature a good crop of hay or furnish excellent fall pasture. You will find these points further discussed in the bulletin which has been mailed to you.

In March, I plowed 4 to 5 inches deep, disked and harrowed, preparing a good seed bed, and by hand seeder sowed broadcast a mixture of grasses consisting of red clover, Alsike, alfalfa, timothy, orchard grass, Kentucky blue grass and English blue grass. Then I drilled one bushel of oats per acre with a few Canada field peas, with disk drill. The oats are 8 inches to 15 inches high and stooling thickly. To get a stand of grass is the all important object with me. To keep the oats from smothering out the grasses should I turn stock in to pasture the oats down. Some say that the stock will kill the young grass, while a few claim that the tramping will be beneficial to the grass. I intend to turn 150 hogs on this 25 acres whenever the oats and peas are about 12 inches high. I can also turn 13 head of work horses on this field at night.—R. H. Long.

I advise pasturing the oats and peas whenever the soil is not too wet. It would have been better to have started the pasturing earlier. Heavy pasturing at this time would probably not injure the young grass except as it may be injured by tramping after heavy rains, when the soil is too wet and soft. Later, as the oats and peas approach maturity, the crop should be cut, raising the sickle bar several inches high so as not to cut the young grass. Or perhaps you may turn on sufficient stock to graze the oats down so that the crop will not need mowing. While the grass is short the stock will not injure it much, since they will not graze it but will graze on the oats and peas. However, care should be taken not to continue the grazing too long, and the stock should not be allowed to graze the young grass until after midsummer, and then it should not be grazed closely.

We have no bulletins published on seeding grasses, but I am mailing you Bulletin No. 155, on "Seeding Alfalfa," in which you will find some reference to the subject discussed in this letter.

Cane seed in our part of the country is failing to germinate when planted. All the way from 25 to 75 per cent fails to grow. We bought one bushel of Orange variety of you last year and had a lot of what we supposed fine seed as a result. But owing to the unusual winter with so much wet weather cane seed is poor in vitality.

If you have any cane seed of any variety on hand and have tested such seed as to germinating power, send

one-half bushel. Please advise where good cane seed can be had, if you do not have it.—R. H. Williams.

The failure of the cane seed to sprout and grow is perhaps not the fault of the seed. The soil and weather conditions up to this date (May 31), have not been favorable for sprouting cane seed even if the seed were good in vitality. The soil has been too cold and until recently too dry to germinate cane seed, which requires a warm soil and warm weather conditions in order that it may sprout and grow successfully. Cane is a warm weather crop and should not be planted until the weather and soil are warm. We have not yet planted our cane and Kafir corn at this station, partly because the soil has been too wet during the last few days. We hope to begin planting June 1. It is our usual practice to plant the last week in May or the first week in June, and I would not advise earlier planting in this section of the state. You may readily decide whether the failure to sprout is due to lack of vitality of the seed or not, by testing a small sample of the seed for germination.

We have a limited supply of cane seed left of two varieties, Black Dwarf and Early Amber. These are the earlier maturing varieties and well adapted for growing in your section of the state. Our regular published price is \$2 per bushel for this cane seed, graded and sacked, f. o. b. Manhattan. This cane is practically pure and entirely free from smut, and the seed is of good vitality.

Preparing Land for Alfalfa.

My wheat crop has been destroyed by hail and I would like to get a crop from the land yet this year, still leaving it in good condition to sow alfalfa another spring. Do you think it would be profitable to sow this land to buckwheat? The ground is inclined to be sticky and hard. Would the buckwheat leave the ground in good condition to be worked into a good seed-bed for alfalfa for next spring seeding? What would be the best way to prepare the seed-bed for buckwheat? What variety and how much per acre would you advise to sow? Where would be a good place to procure good seed?

How would it do to sow cow-peas on the above field for either hay or seed? Would it be advisable to sow cow-peas before alfalfa? What is the best method of putting them in?—John S. Canfield, Belleville, Kan.

I am mailing you Press Bulletin on "Late Crops." It will be possible to plant millet or cow-peas on the field where the wheat has been destroyed by hail, and remove the crop early enough to prepare a seedbed for the fall seeding of alfalfa, or the land will be in better condition for seeding to alfalfa in the spring. If the plan is to sow alfalfa in the spring you may sow buckwheat as you suggest, or even plant Kafir corn or cane, but the latter crops are not the best ones to precede the sowing of alfalfa. Buckwheat has a loosening effect on the soil and should improve the physical condition of this hard sticky land. In preparing the seed-bed for buckwheat I advise to plow at once following the plowing with the disk or common harrow, another disking or harrowing may be given in the course of a couple of weeks and this may be repeated again in a week or ten days before it is time to sow buckwheat. Buckwheat should not be planted until about the middle of July or even later planting may be advisable. Sow about three pecks of buckwheat seed per acre. The Silver Hull and Japanese are two of the best producing varieties. I can only refer you to Kansas seed firms for seed.

As stated above cow-peas are a good crop with which to precede alfalfa. If the alfalfa is sown in the fall the cow-peas should be harvested as early as possible for hay, but if the alfalfa is to be sown in the spring the cow-peas may be left for a seed

WINCHESTER

"REPEATER"

Smokeless Powder Shells

These shells cost a little more than black powder loads, but for bird shooting they are worth many times the difference, as there is no smoke to hinder the second barrel. They are by far the best low priced smokeless load on the market. When you buy, insist upon having them.

THE RED W BRAND

WITTE ENGINES
Gas—Gasoline—Distillate
Cheapest and best power known. Average cost one cent per horse power per hour. A superior standard of construction saves time, fuel and repairs. We refer you to thousands of satisfied customers. High grade engines our specialty for 25 years.
Five Year Guarantee
This engine is built for those who want the best. We furnish any size or style hopper jacket or water tank type. We ship promptly. Everything is complete. Our prices are right. Inducements to introduce in new localities. Write for catalog, stating size wanted.
WITTE IRON WORKS CO.
1637 Oakland Ave., Kansas City, Mo.

Can Moon Blindness Be Cured?

A free book sent postpaid on diseased eyes of the horse by America's leading, practical veterinary surgeon, giving symptoms and indications of all troubles with instructions how to treat successfully.
CHICAGO VETERINARY MEDICAL COMPANY
1933 Wabash Ave., Chicago

\$10.00 Sweep Feed Grinder. **\$14.00** Salvaged Wind Mill.
We manufacture all sizes and styles. It will pay you to investigate. Write for catalog and price list.
CURRIE WIND MILL CO.,
Seventh St., Topeka, Kansas

Why Rent a Farm?

when you can homestead an irrigated farm of your own, under the Government canal, in the

Big Horn Basin

where the annual cost for absolute ownership of the perpetual water right, in ten yearly payments, is less than the cost each year of renting a farm in the central states; where you can raise all kinds of grain crops, root crops, apples and small fruits to perfection on your own land and get the benefit of the increased value that is sure to follow; where you can raise a good crop the first year, in some cases one crop being sufficient to pay the entire cost of the water; where dairying and poultry raising is already successful.

Carey Act Lands

Also Carey Act Lands—only 30 days' residence required. Deeded lands, small stock ranches, etc.

GO WITH ME on one of our personally conducted excursions to Powell, Woming, any first or third Tuesday, where you can meet the Government officials and let them show you the Government irrigated farms around Powell, with their splendid growing crops, as an object lesson of what you can do yourself. Write today for our booklet with large map, telling all about these lands.

Burlington
Route

6323

D. Clem Deaver,
Gen'l Agt.
Homesteaders'
Information
Bureau
1004 Farnam
St., Omaha
Neb.

D. CLEM DEAVER, 217 Q BLDG., OMAHA, NEB.
Please send me special Wyoming literature.
Name.....
Street No. of Rural Route.....
Town.....
State.....

None Genuine without this Signature

W.K. Kellogg

TOASTED CORN FLAKES

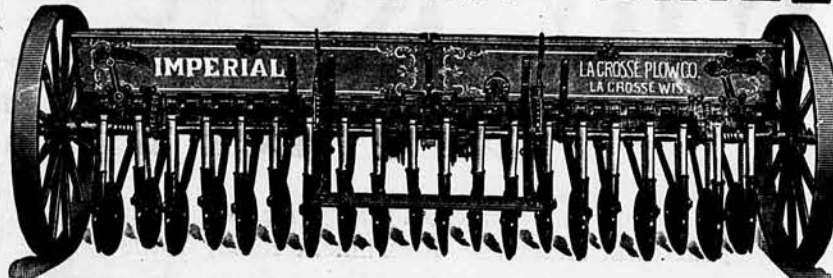
The sweetest of the corn

"I Love My Jam—But O You Toasted Corn Flakes"

The kind with the Flavor—Made from Selected White Corn



IMPERIAL HORSE LIFT DRILL



ONLY DRILL MADE WITH HORSE LIFT

whereby the horses actually lift the disks at the ends, all the driver has to do is to shift a small lever, the horses do the rest—no pulling and tugging at back-breaking levers with the IMPERIAL. This feature is full protected by patents and cannot be used on any other drill.

Our adjustable drag bar (another patented feature) permits of the lining up of the drag bars in the field with a common wrench; with this adjustment you are absolutely sure of a uniform distance between the rows.

SEND FOR CATALOGUE No. 3.

BRADLEY, ALDERSON & CO., KANSAS CITY

Fuller Automobiles—solid tires. Only practical car for country roads. Descriptive catalogue for the asking.

NEW STEEL ROOFING

STEEL SIDING \$1.60 PER 100 SQ. FEET

STEEL SIDING \$1.85 PER 100 SQ. FT. LOOKS LIKE BRICK



With ordinary care will outlast any other kind. Thousands of satisfied customers everywhere have proven its virtues. Suitable for covering any building. Also best for ceiling and siding. **FIRE-PROOF** your building cooler in summer and warmer in winter. Absolutely perfect. Brand new. **\$1.60** is our price for our No. 10 grade of Flat Semi-Hardened Steel Roofing and Siding, each sheet 24 in. wide and 6 or 8 ft. long. Our price on the Corrugated, like illustration, sheets 22 in. wide and 6 or 8 ft. long. **\$1.85**. Steel Pressed Brick Siding, **PER SQUARE, \$1.85**. Fine Steel Beaded Ceiling, **PER SQUARE, \$1.85**. Also Crimped Roofing. At these prices **WE PAY THE FREIGHT** to all points east of Colorado except Okla., points on application. **SATISFACTION GUARANTEED OR MONEY REFUNDED**. We ship this roofing to any one answering this Ad., C. O. D., with privilege of examination if you send us one quarter of the amount of your order in cash; balance to be paid after material reaches your station. If not found as represented we will cheerfully refund your deposit. **ASK FOR 1000-PAGE FREE CATALOG No. 61** Lowest prices on Roofing, Wire, Pipe, Plumbing, Doors, Household Goods, Clothing, Dry Goods, Shoes, Groceries, etc.

\$4 Pair of Shoes FREE!

You don't have to pay one cent for a pair of the best work shoes made if you can tear our little Buffalo Calf with your fingers. Ask your dealer for the Calf and tear it in his presence. It's made from same leather as our shoes. We take it from well-fed, inside-raised animals under three years old. We use summer-killed stock only to insure the best wearing hides.

B. & O. Buffalo Calf Shoes

are the toughest, yet the most comfortable work shoes made. Our Buffalo Calf Tanning Process toughens the skins, shrinks them, retains their "life," and makes them soft and pliable. We use only highest grade, heaviest weight Texas steer hides for our outsoles. All counters, insoles and slippers are solid leather. Send us your dealer's name if he doesn't carry B. & O. Buffalo Calf Shoes and we'll send a Buffalo Calf and a free pair of our best shoes if you tear it.

BENTLEY & OLMSTED COMPANY (5) DES MOINES, IOWA



crop. I am mailing you Bulletin 160 giving information regarding the planting and culture of cow-peas. Can only refer you to seed firms for seed peas.—A. M. TenEyck.

I have some land that I am plowing now for wheat. Would you advise disking it several times before planting, and at what time should wheat be planted in this locality?

I have not received an issue of the KANSAS FARMER for some time. I am an inexperienced farmer and would like to receive information on any subject in regard to farming.—Mr. Marvin Denver, Milford, Kan.

It will be advisable to disk immediately after plowing, before the soil becomes dry and hard and lumpy; later disk or harrow after heavy rains or when the weeds start in order to destroy the weeds and maintain the surface mulch, to conserve the soil moisture. The cultivation will pulverize and firm the soil and put it in good seed bed condition.

The best time for seeding fall wheat in Geary county is from September 25 to October 10, as shown by the tests at the Kansas Experiment Station in Riley county. I am requesting the director of the Experiment Station to mail you circulars No. 2 and No. 3 on seed wheat and seed bed preparation for wheat.—A. M. TenEyck.

I have ten acres of alfalfa that has been seeded for about twenty-five years, and used for a hog pasture for ten or fifteen years, and I wish to break it up and sow it to wheat this fall. It is creek bottom land; dark soil, very rich. I want to get enough of the best wheat you have to sow it and see what I can raise on such land.

Please let me know what you have and the kind you would advise to sow on that sort of soil, and your price per bushel, on track, and oblige.—F. P. Hayden, Glenelder, Kan.

I would not advise you to sow wheat on new alfalfa breaking, since the wheat will be very apt to grow too rank and lodge. Better plant corn as the first crop after alfalfa.

We have several thousand bushels of good Kharkof seed wheat which we are offering for sale at \$1.75 per bushel in lots of one to nine bushels or \$1.60 per bushel in lots of ten to fifty bushels, graded and sacked f. o. b. Hays City. This wheat would do as well as any on such land, yet as I stated above it is very likely to grow too rank and lodge. Alfalfa land is almost always too fertile to produce a good crop of wheat. Perhaps you have other ground which will produce good wheat. I shall be pleased to receive your order for seed wheat. I am requesting the director of the Experiment Station to mail you circular No. 3 giving further information regarding seed wheat.—A. M. TenEyck.

Melon Bugs.

Editor Kansas Farmer: I have been a subscriber to the Kansas Farmer for years and therefore I should like for you to tell me what I shall or can do to destroy the bugs from my watermelon vines. They are in abundance during the last few days. I have never been troubled with them before.—Joseph Raseley, Route 1, Great Bend, Kan.

If you will use a combination spray of Bordeaux mixture and arsenate of lead you will not only destroy all the insects but will prevent any blight or mildew as well. Dissolve 5 pounds of blue stone in hot water. Then slake 4 or 5 pounds of quicklime in water and add enough water to each solution to make about 25 gallons. When this has been done, pour the lime solution into the copper solution and stir thoroughly. To this add the arsenate of lead, about 3 pounds of which has been previously dissolved in water. The compound will then consist of 5 pounds of bluestone, 4 or 5 pounds of lime and 3 pounds of arsenate of lead to 50 gallons of water. This should be sprayed on with a spray pump in order to get best results. One of these pumps can be had for a few cents. It is always best to mix these poisons in wooden vessels.

There are only three ways of keeping up the fertility of the soil. First, by the liberal use of barnyard manure; second, by the raising of leguminous plants in rotation; third, with commercial fertilizers. It is easy to determine which of the three is the most feasible in this section. The soil fertility is gradually being exhausted. You can stop it. Will you?

Anyone not now a subscriber can secure Kansas Farmer on trial the balance of 1916 for the special introductory price of 25 cents. Stamps will be accepted.



True Temper Vegetable Scoop-Fork

THE Vegetable Scoop-Fork constantly develops new and practical uses on the farm.

It is invaluable for handling corn from the field to the wagons, and from the wagon to the crib, bin or cars.

It is adapted to the rapid and easy handling of almost all fruits and vegetables in bulk.

The blunt, flattened ends of the tines prevent bruising and cutting. The perfect shape and hang make it possible to carry a large load with easy swing, screening out dirt or snow in the process.

Sold by hardware dealers everywhere. If your dealer doesn't handle, write us and we'll see you are supplied.

American Fork & Hoe Company

Largest Manufacturers of Farm and Garden Hand-Tools in the World

Cleveland Ohio



MUSIC LESSONS FREE

IN YOUR OWN HOME

Join the Kansas Farmer Music Club

Special arrangements have been made by the KANSAS FARMER with the famous U. S. School of Music of New York to organize the KANSAS FARMER Music Club, to be composed of readers of this paper.

These lessons, for either Piano, Organ, Violin, Guitar, Banjo, Cornet, Mandolin or Sight Reading, will be given free to any reader of the KANSAS FARMER.

This school has brought to life thousands of dead musical instruments all over the land, and is to-day one of the greatest blessings in musical life. As a member of this club you will have placed at your disposal every advantage of a full scholarship and tuition in this well-known institution. Every one having a love for music should take advantage of our generous offer at once.

It matters not whether you are a beginner or an advanced pupil, the lessons will be made suitable to your need.

You will get one lesson weekly, and your only expense during the time you take the lessons will be the cost of postage and the music you use, which is small.

Hundreds of our pupils write: "Wish I had known of your school before." "Have learned more in one term in my home with your weekly lessons than in three terms with private teachers, and at a great deal less expense." "Everything is so thorough and complete." "The lessons are marvels of simplicity, and my eleven-year-old boy has not had the least trouble to learn." One minister writes: "As each succeeding lesson comes, I am more and more fully persuaded I made no mistake in becoming your pupil."

Established 1898—have thousands of pupils from seven years of age to seventy.

Don't say you cannot learn music till you send for our free booklet and tuition offer. It will be sent by return mail free. Address, U. S. SCHOOL OF MUSIC, Box 342, 225 Fifth Ave., New York City.

DAIRY



The Female Portion of the Herd.

It is a common saying that the bull is half the herd. Some go even farther and say the bull is three-fourths of the herd. In a sense this is true, but it is not true in the sense that the bull has a greater influence on the offspring than has the cow, provided both are equally well bred. Given a male and a female of equally strong prepotent qualities, and the good qualities of one are as likely to be transmitted to the offspring as the good qualities of the other. The same is true of the undesirable qualities each animal may possess. The only sense in which the expression that the bull is half the herd is true, is that the latter can reproduce himself more often than the former. Thus a man who is ambitious to build up a highly productive herd should regard each individual cow as of as much importance in the accomplishment of his purposes as the bull that heads his herd.

The average man cannot go into the market and buy the very best cows obtainable for the reason that he hasn't the money to do so, and even if he did have, it is questionable, unless he is an experienced dairyman, whether it would pay him to do so. He must begin by purchasing the best cows he can secure for the money at his disposal. It is very essential that he should get a first-class sire. The man who undertakes to build up a productive herd can afford to pay a big price for the bull; he must figure not upon continuing to buy cows, but upon raising them. The better the sire the better will be the heifers he will get from his foundation cows, and upon these and their heifer calves will depend the value of the herd in years to come.

We do not wish to minimize the value of the bull in any sense of the word, but we wish to call special attention at this time to the value of the female portion of the herd. The average farmer does not value his cows highly enough. He does not realize, apparently, that in the long run they are the most important factor in the herd. It has been said that in producing a cow one must lay the foundation several generations before she is born, and that is true. But one must do more than that, one must continue the good work for improvement after the calf is born. In the first place, speaking of heifers in this instance, the calf must be given an abundant supply of good, wholesome milk until it is at least six months old. In the meantime it should be taught to eat grain and grass or hay as the case may be, so that when weaning time comes the calf will not get a backset and become stunted. The calf should at no time be fat, but it should be kept in a vigorous growing condition until it is of breeding age.

There is little danger of overfeeding a heifer provided she is given the right kind of feed. She should not have a great deal of corn. If corn is fed it must be given in connection with feeds that are rich in protein, such as clover or alfalfa, or if these hays are not available, oil meal, cottonseed meal or other concentrates rich in protein must be fed in connection with the corn. The heifer should not be bred too young as that is likely to prevent her from reaching full development. She may be bred to calve at the age of 28 or 30 months and some exceptionally well developed animals may be bred somewhat earlier, but as a rule it doesn't pay to milk a heifer under 2 years of age, and it doesn't do the heifer any good to be milked at that time.

The first year of a heifer's life is an important one. The development she obtains during that year will largely influence her usefulness in after life. If she is allowed to go dry in a few months she is not likely ever to become a profitable cow. If she is milked for 11 to 12 months during her first lactation period her milk producing quality will be enhanced. For that reason it is very desirable to have heifers come fresh during the months of September, October

or November; especially is this true where succulent feed, in the shape of silage or roots, is provided for winter use, and where a sufficient allowance of grain is given to maintain a heavy flow of milk. As the lactation period of a young heifer advances and spring approaches, her milk flow will begin to decrease, but when she is put on pasture in May the grass will have a tendency if not to increase the flow of milk, to maintain it for several months longer and thus enable the heifer to give milk for 12 consecutive months, provided she is not bred the second time until her calf is four months old. She should not be allowed to go dry more than six weeks, and four weeks is enough, before her second calf is born. This may be considered as forcing the heifer, and so it is, but that is the way to produce heavy milkers. Moderate forcing, if the proper ration is fed and feeding and milking is done regularly, will not hurt the heifer. On the contrary it will get her in the habit of giving milk till a month before calving, thus training her to become a machine for converting feed into milk and butter fat in the most economical manner.

Every dairyman should realize that the individuality of a cow has more to do with her milk producing power than has her pedigree. A good pedigree—one that shows ancestors of high producing power—is very valuable and should be highly prized by the practical dairyman, but individual worth must accompany it. A cow may carry the blood of a dozen high producing ancestors in her veins, but unless she herself possesses the force and vital energy to put her latent powers to work the accumulated breeding of generations will be of little advantage to her. Again, she may have inherited energy enough to become a great producer, but unless she is given an opportunity to develop her latent forces through liberal feeding and careful management, she may also fail to come up to the standard of her progenitors. In other words, the development of the heifer into a productive, profitable cow depends very largely upon the man who owns her.

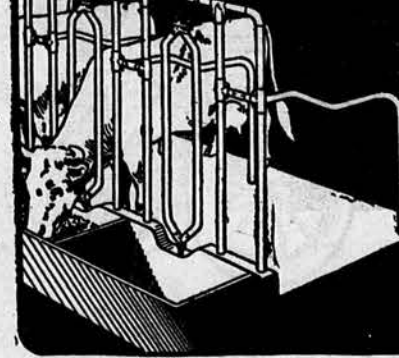
Never overlook the fact that our highly bred animals and plants are artificial products; to maintain them we must maintain the conditions under which they were produced. Bear in mind, also, that there is a cause for every effect, and that Nature never produces something out of nothing. This is fundamental and cannot be altered by man. If you expect a cow to produce liberally at the pail you must feed her liberally. She cannot produce milk and butter fat out of air and sunshine; for that purpose she must have plenty of feed of the right kind.

Taking Care of Cream.

For years it has been urged that the cream from hand separated milk is inferior in quality and that high class butter can not be manufactured from it. This is used as an argument in favor of whole milk systems, and by inference in favor of the co-operative creamery. The original statement is not true as made, but it is true that the cream produced by the same class of farmers under any other conditions would be just as poor as that which they now produce by means of the hand separator. It is the man behind the separator, and not the machine itself, that is to blame.

It is true that some separators are more complicated in their mechanism than others, but none are so intricate that they can not readily be cleaned, and each year's experience serves to bring forth simpler patterns from which more effective work is secured, and in the care of which less labor is required. The fact that a separator is a machine of many or few parts is no excuse for an unwholesome condition. The man who would not take

Does the Cows a Heap of Good



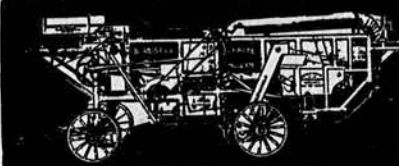
Cow comfort and cow sanitation result in more cow profits, and that alone should induce any farmer or dairyman to seek these conditions. Loudon Sanitary Steel Stalls and Stanchions double the light and air in a barn and insure perfect ventilation, perfect sanitation—a result impossible with any wooden equipment. Yet

LOUDON STALLS AND STANCHIONS

are actually cheaper. Loudon stalls of heavy tubular steel, with malleable fittings, have no flat surfaces for dust to accumulate—easy to keep clean and almost indestructible. Loudon stanchions give cows more comfort than other makes, yet keep them perfectly lined up. Throat chains prevent cows from lying down when milking. Simple and very durable. Latch easily opened or closed with gloved hand, but can't be opened by animal. Send today for free catalogue of sanitary, money-saving barn equipment.

LOUDON MACHINERY CO., 639 Broadway, Fairfield, Ia.

Anyone not now a subscriber can secure Kansas Farmer on trial the balance of 1910 for the special introductory price of 25 cents. Stamps will be accepted.



SAVE YOUR ALFALFA SEED

We continue to warn Farmers that 25 per cent. of their Alfalfa Seed is wasted when the ordinary grain separator is used for threshing.

IT IS VALUABLE

Alfalfa Seed is being imported into this country every year because the Western Farmer does not produce enough seed to supply the demand. With the prevailing high prices of seed you cannot afford to have your seed wasted in threshing. We build the only machine in the world constructed especially for hulling Alfalfa Seed. If your threshing machine does not have a "Birdsell" Alfalfa Huller give us his name and address and we will send him our Catalog and you shall have our 1910 and 1911 calendar in colors.

OUR ALFALFA BOOKLET—FREE

This booklet contains 48 pages and was written by an Alfalfa Specialist. If you are not raising Alfalfa send for this book. He tells you how to start a crop, raise and harvest it. Every man should have this booklet. Write today.

BIRDSSELL MFG. CO.
SOUTH BEND, IND.

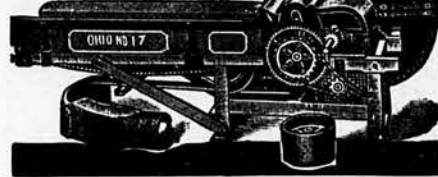
Write for FREE BOOK On Silage Cutters

Send postal now for the greatest book ever written on the world-famous "Ohio" line of Blower Ensilage Cutters. We want to show you the easiest way to save a lot of work, time and money and all the worry at ensilage-cutting and silo-filling time. This 112-page Free Book tells all the facts and figures about

"OHIO" Blower Ensilage Cutters

Shows pictures, letters, figures and other proof of "Ohio" superiority. Don't decide on any cutter outfit till you read what the experts say, as well as the testimony from farmers and dairymen who KNOW. There's a size and style "Ohio" to meet your needs no matter what kind of a silo you have or plan to build. Write postal now or take our address so you won't forget.

Silver Mfg. Co.
Salem, Ohio



Gasoline Engines, \$58.50. 30 Days Free Trial. 5-Year Guarantee. Save at least 35 per cent on any size. Let us send you full information FREE. The Ottawa Mfg. Co., Ottawa, Kansas



DOES THE WORK 5 MEN & 20 HORSES

For the large farmer the Hart-Parr Kerosene Engine is a necessary economy. Depending somewhat upon the class of work, it will save the labor of five men and twenty horses. For the farmer with a large acreage in oats, wheat or corn, it means dollars in pocket. It is also ideal for plowing, threshing, discing, seeding, harrowing, road-grading, feed-grinding, and shelling or shredding corn. Its OIL COOLED features enable it to operate just as well in summer as in winter. Write us today for illustrated catalogue and testimonials from scores of actual users.

HART-PARR CO.
212 LAWLER ST., CHARLES CITY, IA.



For Father and the Boys They are made better, stronger and wear longer, because made by expert workmen, giving more comfort and satisfaction than any other shoe ever offered for the money. If shod in WELLS' SHOES, you are "well shod"

FREE We have laid aside a very interesting booklet for every reader of this paper, entitled "Mother, Father and the Child." Yours is waiting for you—send for it today.

Whenever this name appears on the sole—it is your guarantee that the shoe, whether for men, women or children, is all leather, no substitutes, embodying style, service and comfort. If your dealer can't supply you, you will be rewarded by writing the

M. D. Wells Company
Chicago

\$50 TO \$300 SAVED

We are manufacturers, not merchants. Save dealers, jobbers and catalog house profit. I'll save you from \$50 to \$300 on my High Grade Standard Gasoline Engines from 2 to 22-H.P.—Price direct to you lower than dealers or jobbers have to pay for similar engines in carload lots for spot cash.

GALLOWAY

Price and quality speak for themselves and you are to be the sole judge. Sell your poorest horse and buy a 5-H.-P. only \$118.50

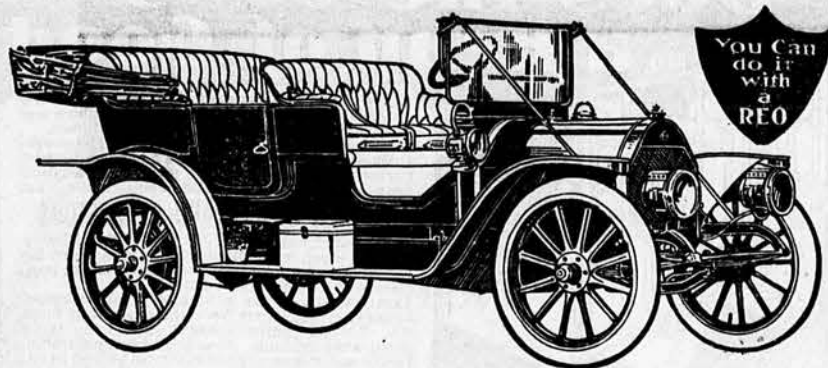
You Can Make From \$50 to \$100 a Day From My Factory on 30 Days Free Trial. Satisfaction or money back. Write for special proposition. All you pay me is for raw material, labor and one small profit. Send for my big BOOK FREE.

Wm. Galloway, Pres.
Wm. Galloway Co.
285 Galloway Station
Waterloo, Iowa

EDITOR KANSAS FARMER:

Find enclosed a change of copy for my advertisement. The other cattle which we advertised in KANSAS FARMER were sold and we are still receiving many inquiries.

PHIL HANNUM, JR. Jersey Cattle, Carthage, Mo.



Reo "Thirty" \$1250

Five passengers. Top and Mezger Automatic Windshield extra.

The thing that counts most is getting-there-and-back. The only motor-car you can afford to buy is the one that keeps on doing its work every day in the year and every hour of the day.

From the very start—seven years ago—the Reo has been famous for its get-there-and-back ability, and today is known as the car that you can be sure of.

The reason is plain. The Reo is not a heavy car, generating immense power and wasting it by being obliged to carry unnecessary weight. Weight costs money to produce, costs money to carry it around.

The Reo puts its money into a well-built engine and car designed on the light-weight principle. A large amount of power developed in a moderate-size engine, and that power conserved throughout the whole car.

So that the Reo has great net power with light weight, and every part can be built of the very best possible material—the cost being put into quality and not weight. That makes the Reo reliable.

Conservation is the order of the day and the Reo is the Conservation Car. There is no more need of wasting power than there is of wasting money. Power is money.

Besides, the Reo is the most economical of all cars to operate and to keep in repair.

Also, because it is light-weight, it can also be light-sprung, and is the most comfortable.

All these things and more—showing the efficiency, the economy and the luxuriousness of the Reo—are told in the Reo catalog. Send for this catalog and get next to the nearest Reo dealer.

Reo "Thirty" Four-passenger Roadster with detachable tonneau (special attachments for carrying merchandise, etc.) same price.

Reo "Twenty-three" Four-Cylinder Runabout, \$850. Ready January 1st. Other Reos ready now.

R M Owen & Co Lansing Michigan General Sales Agents for Reo Motor Car Co
Licensed under Selden Patent



LIGHTNING HAY PRESSES

Tested for over 25 years. Made in many styles, Horse Power, Belt Power and Self-feed Attachment. Simple and Durable with Greatest Capacity. They make a Profitable Investment.

We can suit you. Write for Catalog and prices.

KANSAS CITY HAY PRESS CO. 129 Mill St., Kansas City, Mo.

Directory of Seed Wheat Growers

List of Kansas Farmers now Having
Kansas Grown Seed Wheat for Sale

Buy Your Seed Wheat From These Advertisers
and Be Assured of Quality and Fair Dealing

County.	Name.	Address.	Variety.	Bushels for sale.
Ellis.....	H. J. Penny.....	Hays.....	Kharkof.....	4,000
Ford.....	Elmer Riley.....	Dodge City.....	Kharkof.....	3,000
Jefferson.....	Ben Schneider.....	Nortonville.....	Kharkof.....	800
Kiowa.....	J. A. Lovette.....	Mullinville.....	Kharkof.....	1,200
Montgomery.....	G. R. Wheeler.....	Tyro.....	Kharkof.....	200
Mitchell.....	Joy Bishop.....	Asherville.....	Kharkof.....	300
Norton.....	R. M. Hammond.....	Dellvale.....	Kharkof.....	1,000
Norton.....	R. M. Hammond.....	Dellvale.....	Kharkof.....	1,000
Osage.....	Chas. W. Shuster.....	Quenemo.....	Ghirka, Fulse, Zim...	350
Pawnee.....	O. F. Wilson.....	Larned.....	Kharkof.....	500
Pawnee.....	C. D. Hyatt.....	Nekoma.....	Kharkof.....	500
Pratt.....	G. C. Blakely.....	Preston.....	Kharkof.....	1,500
Riley.....	K. S. A. C.....	Manhattan.....		10,000
Rush.....	Mero Middleton.....	Nekoma.....	Kharkof, Imp. Tur. R...	500

WHITE PLYMOUTH ROCKS

(EXCLUSIVELY.)

For 13 years I have bred White Rocks, the best of all purpose fowls, and have some fine specimens of the breed. I sell eggs at a reasonable price, \$2.00 per 15, or \$5.00 per 45, and I prepay expressage to any point in the United States.

THOMAS OWEN,
Station B, Topeka, Kansas.

When writing advertisers please mention
Kansas Farmer.

D. W. YOUNG STRAIN
of S. C. White Leghorns, prize winners at three state shows. Eggs, \$1.50 for 15; \$5 per 100. Barred Rocks, "Ringlet" strain, \$2 for 15. Eggs packed with care.
C. H. McALLISTER, Carmen, Okla.

POULTRY RANCH FOR SALE.

One of the best poultry ranches in the state. Two acres adjoining Washburn college campus, 9 room house, cellar, cistern, well water, barn. Best poultry house in county. Fruit and ornamental trees. Price \$4,000, half on time if desired. No trades.
POULTRYMAN, Kansas Farmer Office.

care of his separator properly, could not be depended upon to take care of a straight cream can, or even a milk can.

In these states where the cream separator is well nigh universal in its use, there is no complaint about the condition in which the cream is received at the shipping point. Farmers have learned that a little care really costs no more effort and does produce many more dollars in the net results of the year. With care there can be no difference in quality, whether the cream is handled by the hand separator or by the whole milk method. With the hand separator, however, the farmer has the advantage of having a market for his products at every railroad station, and of having the milk warm, sweet and fresh to feed to his calves and pigs. With the whole milk system, neither of these things is possible.

One of the great troubles that has confronted the milk producing farmer in the west, is that of properly cooling his milk, and this turns upon the water supply. A great many farms have cold, fresh spring water upon which they can depend, and a little labor will serve to build a spring house which is a permanent institution, and which costs nothing for maintenance. Most farmers are supplied with wind mills or gasoline engine pumps. These can produce artificial conditions for the cooling of their milk and cream, which very nearly equal those furnished by the natural springs. The principal point is to get the cream cooled as thoroughly and rapidly as possible, after it leaves the separator. It is simply impossible to produce a good quality of cream for delivery at the railway or the skimming station, without a bountiful supply of cool, pure water or of ice. The question then of success in the dairy as practiced in the west resolves itself largely about the home water supply. Upon practically every farm the water is drawn from the well either by windmill or a gasoline engine. The amount of stock upon the farm makes it necessary to use considerable water. Usually a large supply tank or reservoir holds a sufficient amount to tide over any possible dry spell of two or three days' duration. This is especially true where the wind is depended upon as the motive power for pumping. Those who use gasoline are more independent and naturally the water supply will be more constant so that there need be no days in which the cream cannot be properly cooled by the water that is used by the stock. The method of doing this is so simple and so economical that it ought to appeal to everyone. It consists simply in having all of the water that runs from the well to the supply tank pass over the cream cans. A small box, tank or even a half barrel will answer the purpose. Put this between the pump and the supply tank, fasten the cans in so that there is no danger of their tipping over, then let the water fall from the pump directly to the tank and let it flow from there to the stock tank reservoir or the storage cistern as the case may be. It will be necessary, of course, to have some protection from the sun so that the cans will not be heated on the warm days. This can be improvised without serious expense. Another item that must be borne in mind is a complete circulation of the water through the cooling tank. If it is allowed to flow in at the top on one side and out at the top on the opposite side the main volume of water will remain unchanged and this will become warm during the day so that the process of cooling will be insufficient. This difficulty can be obviated by placing a partition in the tank either at the side where the water comes in or at the side where it flows out. In this way a complete circulation will be secured for the cool water must pass down to the bottom of the tank before it can reach the main chamber or before it can pass out through the overflow. This is a feature that is very frequently overlooked in the construction of coolers of this kind. If the water goes into the tank through a gas pipe it will be a very easy thing to bend the inflow so that it discharges near the bottom of the tank. The same thing can be done with the outlet; that is, a gas pipe may be led from near the bottom of the tank up to near the top where an elbow will be made and this allowed to discharge from the cooler. In any of these in-

stances the process of cooling will be complete and many of the complaints that are made about poor cream will be silenced for good.

If good care is given to the separator and if a system of cooling like this is installed there need be no fear that the cry of poor cream will be heard throughout the land.

THE LIVE STOCK PROBLEM.

(Continued from page 1.)

draft horses and mules keeps pace with it. Experienced men who handle each class of stock believe that the greatest money is to be made from his chosen breed. The man who would raise beef, pork, or mutton for the market on high priced land can not depend upon the cheap quality of western range animals for results. His land is valuable, his feed is high priced and his time is precious. He must therefore have a machine which is well adapted to its purpose, and which will convert the crude products of the farm into quick maturing and high priced cuts of beef, pork or mutton. To do this, he must have well bred animals, and they only can help him to a solution of the problems which confront him.

A part of his farm must be put down to permanent pasture, and this will become a part of a system of more or less accurate and correct rotation of crops, which in itself will tend to bigger yields and the conservation of the soil fertility, but which will be aided materially by the presence of high quality, quick maturing and ready selling live stock.

Unquestionably the pioneers of the Mississippi valley, by their enforced practices, pointed out the proper methods for their successors of today. All classes of live stock must be raised on the farm in the future, and when this is done the quality will be higher, the farms will be enriched, the element of speculation will be eliminated, and a solid prosperity will come upon the country, such as could not come upon it when devoted entirely to range uses, or to grain farming.

ADVANTAGE FROM SHOWING PURE BRED STOCK AT FAIRS.

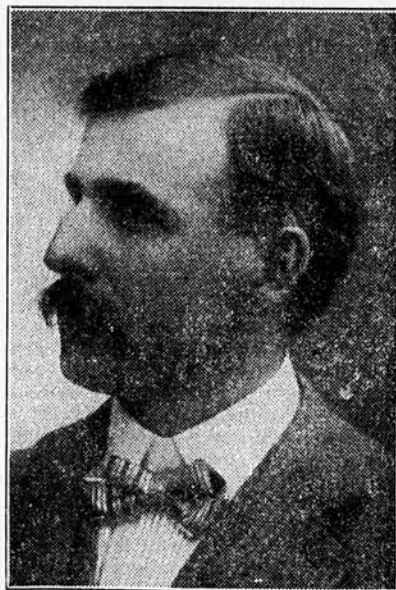
(Continued from page 4.)

shoulder to shoulder and let us correct this evil.

Showing your stock will make you money through the prominence it gives you, through the acquaintances you make, through the sales you make and the premiums you win.

It is a great educator by comparison, by coming in contact with the best in the land. Through friendly discussion and comparison.

It is an interest getter in the gen-



C. F. DIETRICH.

eral public because the public like to look at the best and it stimulates them to breed better stock, which in turn rolls a few sheekles toward your pocket. This age you know is recognized as the great commercial age and in order, as a live stock breeder, to get your share of the "filthy lucre," get into the show ring.

Early plowing and early seeding of wheat pays best in the long run. There are years when slipshod methods do apparently as well as more thorough methods of seeding, but at seeding time it is not known what the season may be. It's better to make the aim good. A good aim brings down the most game.

POULTRY



In many cases summer diseases are due to overfeeding. Put them on a different diet and feed sparingly till the malady is over.

Fowls while moulting are in a debilitated condition and should be pampered to some extent. Especially should they have access to green grass.

Fresh bones brought from the butcher and chopped up at home make the best and cheapest meat and bone food, provided enough fowls are kept to warrant the purchase of a bone-cutter.

Constant care and attention is the least we can bestow on our poultry with any prospect of success. The illusion that some things may be slighted is the bane of prosperity. What is worth doing at all is worth doing well. A single mishap may ruin all calculations for a whole season. Don't be afraid to be called fussy by your neighbors. They will leave off the term when they see results.

The things to look after now are plenty of pure water for the fowls to drink, some shade so that they may get away from the hot sun, and freedom from lice. They cannot provide these things for themselves, so it devolves upon the poultry keeper to see that these matters are provided for the comfort and well being of his flock of fowls.

Another thing to provide against is the destruction of the chicks by animals, tame or otherwise. Dogs, cats and rats get away with an enormous number of chickens every season, and a stop should be put to their depredations. The shotgun should be called into play in the case of dogs and cats, and poison and traps in the case of rats. Skunks and weasels also play havoc with young chicks, but the safety of the flock can be guarded by seeing that the houses are made so tight that no skunk or weasel can enter.

A correspondent, on noticing that the eggs of pure-bred fowls are not always uniform in color, inquires if fowls that lay various colored eggs are impure. Not necessarily so, for Plymouth Rocks and Wyandottes that are absolutely pure lay eggs in color varying from a dark brown to a pure white. But as a rule brown colored eggs are produced by Cochins, Brahmas, Plymouth Rocks, Wyandottes, Langshans and Rhode Island Reds, and white eggs will be produced by Leghorns, Minorcas, Black Spanish and Andalusians. But there are exceptions to every rule, and white and brown eggs are often laid by the same flock. Some think that the soil has an influence on the color of the eggs, but the fact that eggs in the same flock often vary in color would seem to disprove that, so it must be attributed to some other reason. One thing is established, that the older the breed the more uniform is the color of the eggs.

As the time of the State Fair approaches poultry breeders should be making up their minds to send some birds for exhibition. The amateur breeder should take his fowls so that he may find out what quality of stock he has. He may be breeding from specimens that are not up to the standard and to be put wise would save him years of misdirected energy. The more mature breeders should exhibit so as to compare notes with other breeders and see how their fowls line up one with the other. No entry fee on poultry is required at the State Fair at Topeka, September 10 to 17, so it is a cheap method of showing one's birds and a great advertisement for any one's stock, for they will be seen and admired by thousands of visitors. The premiums offered are very liberal—\$3 for first pen, \$2 for second pen and \$1 for third pen, and \$1, 50 cents and 25 cents for first, second and third cock, hen, cockrel and pullet.

From a recent bulletin of the Canada experiment farm we learn a few facts. Experience with twelve of the leading varieties of poultry have proved that the Plymouth Rock is the most rapid flesh former, making a good market chicken between three and four months of age. All who try will find this result, provided the young bird is properly cared for and pushed from time of hatching. The Wyandottes mature rapidly, making a round, plump market chicken at from four to five months of age. Brahmas do not take on flesh quickly while growing, but after seven or eight months make a fine, large bird. Either of the first two named will be found to make early chickens for market. Another demonstration was in regard to the flavor of eggs. To have eggs of fine flavor the hens should be fed on clean food. Fowls fed on putrid meat, decayed or decaying animal substances will lay eggs that are not fit to eat. Proof of how the food affects the egg may be had by feeding a number of hens on onions for a certain period. The eggs will become so strongly tainted with the onion flavor as to be unpalatable. Where the farmer allows his hens unlimited range it may be said that it is impossible to control their feed, but under no circumstances should the fowls be allowed access to filthy substances. Even the practice of allowing the hens to scratch in the dunghill, as some of the old-school farmers think is necessary for the production of eggs, is not to be recommended. Where fowls are kept for the purpose of money making they will be found systematically arranged in certain numbers in pens and their actions under control. Good care, clean food and clean quarters are found hand in hand. System and intelligence is as necessary in the management of poultry as in other lines of business.

"Eggs are Eggs!"

The people "down east" will tell you that the brown eggs are the richer and better flavored; while the folks in the other sections smile, and say if there is any difference, it must be in the white colored ones. To settle this point, Prof. E. W. Hilgard, director of the United States experiment station, decided by chemical test that in nutritive qualities there is but little difference, which commercially cuts no figure. With reference to the white shelled eggs, the Buff Leghorns were found to be the heaviest and longest, not only of the white group, but of all analyzed. On the other hand, they show the lowest per cent of yolk on either of the groups, the highest in this respect being the Brown Leghorns, with 39.51 per cent as against 31.76 and 33.18 for the averages of the Brown and White respectively. The Black Minorca contains the highest per cent—99—of told edible portions, and hence the lowest shell or waste material.

To our mind, feeding is everything. If you feed fish instead of good meat, you produce a fishy taste to the eggs; if you feed onions instead of sweet grass, you give a like rancid flavor; if your hens are raised on the manure pile, you cannot expect the flavor to eggs you would find were they kept out in the orchard. Sweet grain, fresh greens, pure meat and fresh water, will make the richest and best eggs, no matter by what breed they are laid nor if the shell be white or brown.—Ex.

SPECIAL SUBSCRIPTION OFFER.

The regular subscription price of KANSAS FARMER is \$1.00 per year, but to interest new readers this extraordinary balance-of-the-year offer is made.

Send 25 cents in stamps and KANSAS FARMER—the best agricultural publication in the Middle West—will be mailed to you every week from the time your order reaches us until January, 1911. Tell your neighbors about this special offer, or better still, get four of them to give you 25 cents each, send the \$1.00 to us and we will give you your own subscription for your trouble. Send at once and get the greatest benefit of this special low offer. Address

KANSAS FARMER, Topeka, Kansas.

Our SIX MONTHS' Guarantee Revolutionizes the Shoe Business



500 Big Shoe Men Are Fighting Our Plan

We have aroused the whole world with our Six Months' Guarantee offer on shoes. We have blasted the scheme of 500 big shoe men to make the public pay *Five Million Dollars* a year selling expenses—\$5,000,000 for high-salaried traveling men and their big hotel bills, railroad fares, etc.—\$5,000,000 for which you shoe buyers never get *one penny's worth* of benefits.

We are going to do away with traveling men and their enormous expenses. We are going to make letters do the work of salesmen. We are going to sell direct to the dealer by letter. Two-cent stamps for selling expenses mean hundreds of thousands of dollars saved for better material and better workmanship—hundreds of thousands of dollars that make it possible for us to make the *first and only* shoe good enough to guarantee.

\$4 ANY STYLE FOR MEN
Dress—Business—Work

Desnoyers "SIX MONTHS" Shoes

Guaranteed for Full Six Months' Wear

Our great saving on selling expense enables us to use leathers that others can't afford. Our Swiss soles are from Swiss hides. The uppers from Paris Veals—the toughest and best raw materials procurable. We add wonderful wearing qualities to the leather.

LIGHT, NEAT, STYLISH—Our "Six Months" Shoes not only have wearing qualities that will surprise and finish that will delight the most particular dresser.

HERE IS OUR WRITTEN GUARANTEE—If either the soles or uppers wear out during the fifth month we agree to refund \$2.00 in cash. If either the soles or uppers wear out during the sixth month we agree to refund \$1.00 in cash. In other words, if these shoes should not give full six months' wear we refund more than the proportion they fall short. Your dealer will make any redemption according to our guarantee. You don't have to send to the factory or deal with strangers.

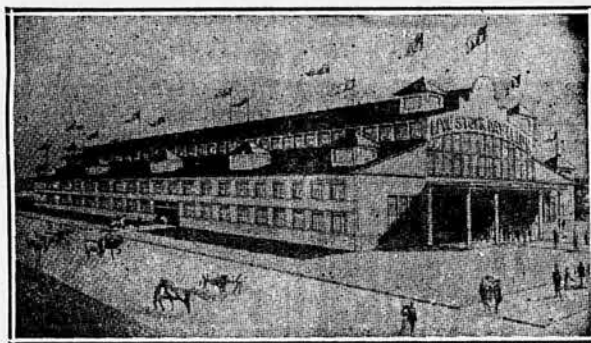
Send for Dealer's Name and Style Book—No matter whether you want a dress shoe, business shoe or work shoe you will find just what you want in a Desnoyers "Six Months" Shoe. Send postal for style book and name of dealer near you who handles "Six Months" Shoes.

DESNOYERS SHOE COMPANY, 2204 PINE STREET, ST. LOUIS, MISSOURI

OKLAHOMA STATE FAIR

AT OKLAHOMA CITY

September 27 to October 9, 1910



NEW LIVE STOCK AND HORSE SHOW PAVILION—170x250 ft. Show Arena 80x200

The Great Livestock, Agricultural and Industrial Exposition of Oklahoma

\$40,000 offered in Premiums and Purse—Twenty Exhibition Buildings—Broad Cement Walks to all buildings and Bermuda Grass Sod everywhere else—Daily Flights of the Great Strobil Airship—Ten Special Attractions—Music Festival—Double Track Electric Car Line—Steam Railway Service and Asphalt Boulevard direct to grounds—Increased Unloading Facilities. Live stock exhibitors should reserve stalls and pens at once. Send for Premium List. Entry Blanks and all information to

I. S. MAHAN, Secretary, OKLAHOMA CITY.

32 YEARS OF SUCCESS



SUCCESS SPREADER

The only spreader with a 32-year record of good work. Simplicity, Durability and Light Draft always foremost. Direct Chain Drive. No Cog Gears. The choice of men who investigate thoroughly. Wood or metal wheels. A generation of experience back of every Success. The leader from the first. Exclusive features all patented. Catalog of facts Free. Write us promptly.

Kemp & Burpee Mfg. Co. SYRACUSE N.Y.

MRS. HOUSEWIFE, LOOK—TWO WAYS OF PUTTING UP FRUIT.



The old done-by-hand way; tired woman, mussed kitchen, lots of waste. IMPROVED ECONOMY WAY; happy woman, clean kitchen, no waste, quarter the time.

May we tell you how you can turn the trick? Special proposition to first purchasers where we have no agents.

UTILITY SALES CO., Davenport, Iowa.


AGENTS—\$45.00 A WEEK



MENDE'S

They mend leaks instantly in granite, brass, hot water basins, tin, copper, brass, cooking utensils, etc. No heat, solder, cement or rivet. Anyone can use them. Fit any surface. Perfectly smooth. Wonderful invention. Millions in use. Send for sample pkg., free. Complete pkg. assorted sizes, 25c. postpaid. Agents wanted. Write today.

Collette Mfg. Co., Box 1142, Amsterdam, N. Y.



ELECTRIC Steel Wheels

Fit all running gears. Get a new wagon just by buying wheels. Unbreakable, almost everlasting. All heights and tire widths. Also new Electric Handy Wagons. Write for book on "How to make old wagons new." Free.

ELECTRIC WHEEL CO., Box 31 QUINCY, ILL.


Anyone not now a subscriber can secure Kansas Farmer on trial the balance of 1910 for the special introductory price of 25 cents. Stamps will be accepted.



THE TOPEKA PACKER

It will enable you to get the full yield of your soil, and the difference in one season's crop will more than pay for the machine. A card today, asking for TOPEKA PACKER BOOK-LET No. 12, will bring prices and full description. THE TOPEKA FOUNDRY & MACHINE CO., Topeka, Kansas.

FOR DRY FARMING



\$20.00

The top notch in pocket photography

The No. 3A Folding POCKET KODAK

Pictures $3\frac{1}{4} \times 5\frac{1}{4}$ (post card size), Rapid Rectilinear Lens, Kodak Ball Bearing Shutter. Equipped throughout for the highest grade work, but so simple that anyone can use it with success from the start. Loads in daylight with Kodak film cartridges for two, four, six or ten exposures.

Ask your dealer to show the 3A Kodak, or write us for complete catalogue.

EASTMAN KODAK CO.
408 State St., Rochester, N. Y.

HOUSEKEEPERS' COURSE

AT THE

Kansas Agricultural College

Opens Sept. 21. Continues six months. Tuition free. Fees \$6. Girls must be at least eighteen years of age and must have a fair common school education. Instruction in Cooking, Sewing, Home Nursing and Sanitation. Table Planning, Home Decoration and Floriculture. Membership limited to five hundred. Send for catalogue.

H. J. WATERS, Pres.

Box 1, Manhattan, Kansas

MAPLEINE

FREE 12 BEAUTIFUL FREE POST CARDS

Send at once 25c for a trial subscription to KANSAS FARMER from this date to January, 1911, and we will mail to you without a cent of extra cost, Twelve Beautiful Imported Post Cards. These cards are made in Saxony by a secret process that enables the manufacturers to reproduce their subjects in natural colors. They are truly works of art, and you have undoubtedly paid 5 cents apiece for post cards not nearly so nice. Send to KANSAS FARMER, TOPEKA, KAN.

When writing advertisers, please mention Kansas Farmer.



Lerma Flannels

MAKE IDEAL House Gowns, Kimonos, Wrappers, Children's Dresses, Etc.

Napped on back only, combining light weight with warmth and durability. 28 inches wide, 10c. a yard.

If you fail to find Lerma Flannel at any good store write us for free samples.

PACIFIC MILLS BOSTON

Usefulness is the rent we are asked to pay for room on earth. Some of us are heavily in debt.—McCall's Magazine.

WANTED—AT ONCE

We want agent in every locality to solicit subscriptions for Kansas Farmer. We furnish samples and supplies free of charge and allow you a good cash commission. Right now is the time to get busy, either among your friends or at your county fair. If interested, let us hear from you. We will make you a proposal that you will appreciate. Address Kansas Farmer, Topeka, Kan.

A flavoring used the same as lemon or vanilla. By dissolving granulated sugar in water and adding Mapleine, a delicious syrup is made and a syrup better than maple. Mapleine is sold by grocers. If not, send 35c for 2 oz. bottle and recipe book. Crescent Mfg. Co., Seattle, Wash.

MAKE THE TEST Ask About Our Pianos & Prices



\$225 Buys the ELBURN H-2—the Best Piano in the world at the price. \$6 monthly pays for it.

ing price tricks of many stores. We welcome an X-ray investigation of our Pianos and our selling system. The best proof of the honesty of both is the fact that no other Piano store in the entire country has made the record that Jenkins has.

ONE PRICE, THE LOWEST, COMMISSIONS TO NONE—THE BEST PIANOS MADE, AND THE LOWEST PRICES—Simply summed, that's what this store offers you. Make the test, compare the Pianos and the prices—see if every word of it is not the truth. Write today.

USED PIANOS—SCORES of BARGAINS—many of them as good as new. All of them priced at 1-3 to 1-2 their original value.

We are also factory distributors for STEINWAY, VOSE, WEBER, KURTZ, MANN, ETC.

Write for catalogs. Address Piano Dept. 2. J. W. JENKINS SONS MUSIC CO., Kansas City, Missouri.

30% MORE CROPS

Our free book on cultivation shows the sure way. Think of it, you intelligent farmers—30 per cent bigger crops—30 per cent more earnings—and even better in dry seasons. The illustration shows our.

Hinged Shaft One Horse Drill

for general seeding and intensive work between corn rows. Shows any seed. Independent disc. The only riding drill with shafts hinged. No weight on the horse. Patented. Close hitch. Many other exclusive features. Write us for booklet 34.

The WM. FETZER CO., Springfield, Ill.

PATENTS BOUGHT

Many deals closed by our clients—one recently for \$680,000.00—our proof of Patents that PROTECT. Send 8c postage for our 3 books for Inventors. R. S. & A. B. Lacey, Div. 46 Washington, D. C. Estab. 1869.

HOME CIRCLE



Judge Brewster's Tribute to Kansas.

In my boyhood's geography, Kansas was put down as a part of the Great American Desert, and yet she has made the wilderness bud and blossom as the rose. But grander far than any material development has been the pathway which she has lined with schoolhouse and church. Go where you will, through her borders, and there stand before you the open doors of the schoolhouse, in whose portals stands the ever-present Yankee school-marm—priestess of virtue and prophetess of knowledge and glory; while the spires of her thousands of churches attest the universal faith in Him for whose worship our fathers crossed the sea. It is no wonder that in the past history of the state every Kansan glories, and in its future believes. This is the home of the modern pilgrim. Here is the real puritan. Plymouth Rock has been moved from Massachusetts to Kansas, and from this state shall henceforth flow the ideas to rule the continent. It is honor enough to have lived in Kansas and been a part of her history.

Marketing Eggs.

To market eggs and create a demand for your produce, several rules must be observed. The first requirement is of course, fresh eggs. To insure fresh eggs, the eggs must be gathered in each evening. It is best never to leave nest eggs, but if you think them necessary use artificial nest eggs.

After you have gathered the eggs, get you a little pail or pan of water and an old rag, any kind of a clean rag, just so it does not fade will do. Look over each egg, washing the soil from each one; clean them as nice as though you were going to serve them boiled for your own breakfast. It seems odd that so many farmers will market soiled eggs; just put yourself in the consumer's place and see how much enjoyment you would get out of buying soiled eggs for cooking purposes. Sometimes the eggs are so badly soiled the produce man finds it necessary to wash them before remarketing them.

After you have washed them neatly, pick out all cracked, thin shelled, and ill shaped eggs and keep them for home consumption and put the remainder into the egg case. In hot weather return them to the bucket or basket and leave them in a cool, dry room where there is no fire, or in a dry cellar until morning before putting them in the case. I would not recommend a damp cellar or cave for keeping eggs in hot weather. If your cellar is damp, the eggs will keep best in the sitting room, dining room or bedroom. Market the eggs at least once a week in warm weather.

When you find nests containing eggs out in the weeds or in the barn and other out-of-the-way places, do not market the eggs, but use them for the family, testing each egg before using and you will readily see how many stale eggs you have marketed in this way, by selling eggs found in "out" nests.

Another important item in getting fresh eggs is to keep all sitting hens off the nests, that you do not wish to set. Take them off each evening or every other evening and put them in cool coops, keeping them there three or four days without food. This is also necessary in order to keep the hens continually laying. When the sitters are released from the coop it is not long before they begin laying again.

Keep the nests clean by keeping them lined with clean hay or straw and a little insect powder or wood ashes dusted into the bottom of the

nests adds greatly in keeping the mites and lice away.—Miss F. Lincoln Fields.

The Art of Dishwashing.

Frequently has the remark been made: "I don't mind getting the meal but it is washing the dishes afterwards that I dislike."

True, it can be drudgery, but with a little care and pains it can be made a pleasure. Of first importance are three things; hot water and plenty of it, soap, and clean dish towels. Speaking of the soap someone said; "If you haven't enough for both the laundry and the dishes, use it for the dishes." After making sure of your working materials get the dishes ready. Carefully scrape all particles of food from the dishes and place all of a kind together. After the unused food has been put away you are ready to begin operations. Wipe a clean place for the dishes after they have been dried and have a place to drain the dishes after they have been rinsed. If dishes are thoroughly rinsed and drained much of the labor of drying is saved. Wash the glasses first, then the silver, and then the dishes, the less soiled or greasy ones first. And now about the dreadful pots and pans. Whenever it is possible I have a pan of hot water ready while I am preparing a meal and as soon as I am through using anything I wash it and put it away and in this way avoid a great stock of cooking utensils at the last. But this is not always accomplished. Let the cooking vessels be soaking while you are washing the table dishes. Using cold water for the ones in which starchy things have been cooked and hot water for the sugary and greasy things. I generally take a piece of old newspaper and wipe out skillets and frying pan. In this way much of the grease can be wiped out and the paper burned, thus keeping the dishwasher clean. Kettles and pans should be kept just as clean outside as inside and if they are taken care of each time this is not difficult. Another help to keeping the bottom of the kettles clean and bright is to have the top of the stove clean. Instead of using stove polish, which only covers up the dirt, while the top of the stove is warm, wash it with clean soap suds, and then polish with soft paper, newspaper is the best. Occasionally wipe off the stove with a cloth dampened a little with kerosene. The top of the stove will not look quite as black as when a polish is used but it can be kept bright and clean and every time a dish has been put on the stove it will not have a black ring when it is set down on something else. And so when I see my dishes in shining piles and the kettles and pans bright and clean I feel a sense of pride in something well done and I am sure every other housewife must feel the same. Thus there is an art of dishwashing just as there is in anything else that is well done.

RECIPES.

Mashed Carrots.

Wash, scrape and slice the carrots and parboil; then boil in salted water until tender and the water nearly boiled away. Mash and season with pepper, butter and a little sugar.

Creamed Beets.

Boil the beets until tender, slip the skins and slice into a dish; pour over them the following cream: Melt one tablespoon butter in a pan, stir in one level tablespoon flour; when well mixed add one cup rich milk, two teaspoons sugar and one-half teaspoon salt.

Editor Kansas Farmer: Every week in Saturday's mail Kansas Farmer comes as a friend. Twenty odd magazines come to me every month, but I always look to Kansas Farmer as the one to read and profit by every first day of the week.

MRS. B. R. BUFFHAM,
Founder Woman's Wild Life Protection Club of America.
Chaves County, New Mexico.

WANTED 1500 YOUNG PEOPLE

500 Men Telegraphers
500 Men Bookkeepers-
500 Lady Stenographers-
Satisfactory Positions Guaranteed

By the Authorized School for Banks and Railroads; largest, best equipped in the West; 1100 students annually; 18 professional teachers; 6 certificated teachers of Shorthand; Best Pen Art Department; Individual instruction; 60 bank positions filled this school year. No Agents. Union Pacific contracts for all telegraphers. Expenses Low. School for Chauffeurs added. Write for Catalog. SEE OUR ONE MONTH TRIAL OFFER. KANSAS WESLEYAN BUSINESS COLLEGE. T. W. ROACH, Pres. 204 S. Santa Fe Ave. SALINA, KANSAS



WILL G. PRICE, Pres.,

Wichita, Kansas

At the end of the first month we pleasantly and promptly refund all his tuition to any student who decides that our standards of deportment and scholarship are too high or that he is not naturally fitted for the work. By thus ridding our rooms of drones, incompetents and "disturbance-makers," we offer to ambitious young people the association of the finest body of business college students to be found in the West. Our free, illustrated 73-page catalog "B" is interesting.

SALT CITY Business College

BOX 353C, HUTCHINSON, KAN. Positions furnished all graduates. Excellent equipment. Experienced instructors. Business, Shorthand and Pen Art Courses. Open the year around. Largest, most thorough and complete Business College in the State of Kansas. Modern Y. M. C. A. privileges. Outdoor sports. When can you attend? Enter any day you are ready. Do you want our 72-page illustrated catalog? Write today. Good positions await our graduates.



WENTWORTH MILITARY ACADEMY

Oldest, Largest and Best Equipped Military School in Middle West. Preparations for Universities, Government, Academies or for Life, Government Supervision. Active Army Officer detailed. Infantry, Artillery and Cavalry. Our system of Athletics reaches every student. Separate departments for small boys. Forty-three miles from Kansas City. We can help you solve some of the problems incident to your boy's education. Address THE SECRETARY, Box R, Lexington, Missouri.

A GOLDEN OPPORTUNITY

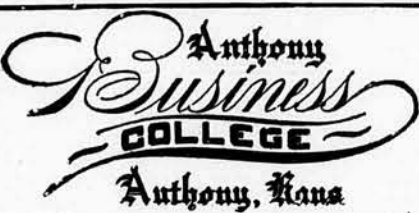
awaits the young man or woman who qualifies here and becomes identified with the business of this Great Oil and Gas Belt. Every graduate furnished a high salaried position. Write today for free information.

COFFEYVILLE BUSINESS COLLEGE BOX 334 A, COFFEYVILLE, KANSAS.

HARDIN COLLEGE AND CONSERVATORY



The best endowed Girls' School in the Central West. Preparatory and Junior College. Courses in Art, Elocution, Music, Domestic Science and Business. 37th year. Endowed schools give more for a dollar than the unendowed. German-American Conservatory—Arnold E. Guerne, Director; Mrs. May Beeley Adam, Voice—German Standards. Modern Equipment. For catalogue address JOHN W. MILLION, A. M. L. D., Pres., 102 College Place, Mexico, Mo.



THE SCHOOL FOR FARM BOYS AND GIRLS

Highly Endorsed by Business Men. New building. New equipment. Terms very low.

FALL TERM BEGINS SEPT. 1ST. WRITE FOR FREE CATALOG.

BLEES MILITARY ACADEMY

MACON, MO.

FALL TERM BEGINS SEPTEMBER 21, 1910.

For Catalogue, Address the Registrar, Blee Military Academy, Macon, Mo.

IOLA BUSINESS COLLEGE

JOHN T. TYLER, Pres., IOLA, KANSAS.

Students may attend one month free. If satisfied, pay tuition then; if not satisfied, pay nothing. Complete business and automobile courses. Write for catalogue B.

We Want You To Have a Catalogue of

PLATTS COMMERCIAL COLLEGE

ST. JOSEPH, MO.

Fine Equipment, Excellent Opportunities for Graduates. Fall term Sept. 5 1910.



KANSAS CITY VETERINARY COLLEGE

Thorough and complete course. Great Demand for Graduates as Practitioners, Teachers, Investigators, Sanitary Officers, Army Veterinarians, U. S. Inspectors. Catalog and other information sent on application. DR. S. STEWART, Secretary. 1327 East 15th Street, Kansas City, Mo.



YOU Can Earn Here During Your Business Course

Students receive training by actual work, for which they are paid. This is the best possible preparation for a position.

Full Commercial and Stenographic courses. Two hours more instruction each day than other schools. Exclusive use of typewriter all day.

Santa Fe General Offices and other big industries make a demand for our graduates that far exceeds the supply. Send for our little paper, "Self Help."

DOUGHERTY'S BUSINESS COLLEGE

Box 110, Topeka, Kansas

ST. JOSEPH VETERINARY COLLEGE

Three years' graded course. New Building. Complete Equipment. Good Veterinarians in demand. Free catalog. Address H. V. GOODE, D. V. S., Sec'y, Box W, ST. JOSEPH, MISSOURI.

OSWEGO COLLEGE

Oswego, Kan. Thos. F. Marshall, M. A. B. D., Pres. Strong Faculty.

VOCATIONAL—CULTURAL FOR YOUNG WOMEN

Preparatory, Seminary, College Technical. Trains in all Fine Arts and Crafts, all Problems of Home-making, Business, Science, Teaching, Woman's Work. A small College of finest quality. Choicest influences. Homelike. Attractive. Safe Boarding School. 25th year. Terms low.

NATIONAL BUSINESS COLLEGE

INDEPENDENCE, KANSAS.

Commercial, Shorthand, Typewriting, and Penmanship Departments. Term opens Sept. 6 in a brand new building, the largest occupied by any business college west of the Mississippi. For further information address

SCHMIDT BROS., Managers, P. O. BOX 195, INDEPENDENCE, KAN.

CAMPBELL COLLEGE

HOLTON, KANSAS.

FREE CATALOG.

LAST YEAR'S ENROLLMENT, ALL DEPT'S., 426. Enrollment, 1909-10, 426. 50 Per Cent Increase in 5 years. REASONS WHY—Loyal Alumni Association. Enthusiastic Student Body. Aggressive Faculty. Accredited College Well Located. Address T. D. CRITES, Pres., Dept. F.

43rd YEAR 8th under present name and management

Learn Auctioneering By Mail

and should you ever wish to attend our school in person amount paid on mail course will apply upon tuition here. Will hold next term November 7th at Oklahoma City. A nice time of year to take a trip South. MISSOURI AUCTION SCHOOL, Oklahoma City, Okla., and Trenton, Mo.



10th & Oak Sts., KANSAS CITY, MO.

44th Year. Annual attendance over 1250. GOOD as Experienced Teachers and Lecturers. \$100,000 New College Building having 15 SECURED, elegant Rooms, including

GYMNASIUM AND AUDITORIUM. BOOK-KEEPING, SHORTHAND, TYPE-WRITING, TELEGRAPHY, ENGLISH BRANCHES, Etc. CATALOGUE "E" Free. J. F. SPALDING, A. M., Pres.

CENTRAL KANSAS BUSINESS COLLEGE

Long, efficient, thorough and ready to help you. Catalogue free upon request. ABILENE, KAN

WE PREFER

To hold our students upon the merits of our school or not at all. A term's trial will convince you. Write today.

ANTHONY BUSINESS COLLEGE, Box 152, ANTHONY, KANSAS.



LEARN BY MAIL

Bookkeeping, Shorthand, Banking, Penmanship, English, Arithmetic, Business Letter Writing, Commercial Law, Civil Service. MONEY BACK if not satisfied on completing course. POSITIONS secured. 8,000 students. Write for free Book on Home Study. Draughton's College, Box H-40 Nashville, Tenn.



WE GUARANTEE POSITIONS

And to show our good faith you need not pay us one dollar until you have time to graduate and earn it. 1,000 graduates in banking business. Expenses low. No exams. 25 years. Ask for catalogue B. A. M. HARGIS, President, Grand Island, Nebraska.



TOPEKA BUSINESS COLLEGE. Good positions every day in Book-keeping, Shorthand, Civil Service, Penmanship. Catalogue and other information free. 111, 113, 115, 117 E. 8TH STREET. TOPEKA, KANSAS.



Clean, moral surroundings. Special course for farmer boys and girls. Write for illustrated catalogue. EMPORIA, KANSAS.

LAWRENCE Business College. Lawrence, Kansas. Positions secured. Our big illustrated catalog explaining everything is FREE. Address 1414 Mass. St. POST CARDS 50 views of Principal Scenes in this and Foreign Countries. Send 25c in stamps and get them. Address 625 Jackson St., Topeka, Kan.

A Business Training that Will Bring You a Big Salary. No matter what you are doing for a living, a business education will qualify you for a bigger salary. If you are going to stay on the farm, a knowledge of business methods will prove of the utmost value to you. We offer three courses—Commercial, Shorthand and Typewriting, and Preparatory. We assist our graduates to find good positions. Charges very moderate. Write today for our catalogue. It's free. Lincoln Business College, 19 North 15th St., Lincoln, Neb.

LEARN TELEGRAPHY IN FIVE MONTHS

Sure Job on Santa Fe. Pay from \$53.00 to \$165.00 monthly. School has R. R. wires giving actual experience. Owned and operated by Santa Fe R.R. Write today for full information—Costs Nothing.

SANTA FE TELEGRAPH SCHOOL DEPT. F. TOPEKA, KAN.

ENID BUSINESS COLLEGE

Established 1899. One of the Strongest, most Up-to-date, New Equipment, Result-producing Institutions of the Southwest. Fall term opens Sept. 5. Address J. E. GEORGE, Pres., Box 327, Enid, Okla.

YOUNG MEN WANTED—To learn the Veterinary Profession. Catalogue sent free. Address VETERINARY COLLEGE, Grand Rapids, Mich. 6 LOUIS STREET

Learn Watchmaking? Fit yourself for a life's work that offers the best advantages. Earn from \$75 to \$200 per month, or start in business for yourself. We teach in the shortest possible time, in a highly remunerative business. Best equipment for teaching watchmaking, engraving, etc. Write for further particulars, catalogue, terms, etc. KANSAS CITY WATCH-MAKING SCHOOL, O. W. Dreyer, Pres., N. W. Cor. 8th & Walnut Streets, Kansas City, Mo.

Reader's Market

Place

**CLASSIFIED
ADVERTISING**

**ONLY 3 CENTS
PER WORD**

Advertising "bargain counter." Thousands of people have surplus items or stock for sale—limited in amount or numbers hardly enough to justify extensive display advertising. Thousands of other people want to buy these same things. These intending buyers read the classified "ads"—looking for bargains. The "ads" are easy to find and easy to read. Your advertisement here reaches a quarter million readers for 3 cents per word, for one, two or three insertions. Four or more insertions, the rate is 2 1/2 cents per word. No "ads" taken for less than 30 cents. All "ads" set in uniform style, no display. Initials and numbers count as words. Address counted. Terms always cash with order. Use these classified columns for paying results.

HELP WANTED.

WANTED—MAN AND WIFE TO MANAGE dairy farm. One experienced in cows and milk production. Good wages and fine place for competent man. Address S. T. J., care Kansas Farmer.

WANTED—ECONOMICAL AND PARTICULAR people to take advantage of our prices and services. Western Printing Co., Ptg. Dept. of Kansas Farmer, Topeka, Kan.

FARMERS WANTED—TO PREPARE for October 12th government farmer examination. High salary. Free living quarters, fuel, light, etc. Write. Ozment, Dept. 44-F, St. Louis.

WANTED—LOCAL MEN TO TAKE ORDERS for high grade western grown nursery stock. Experience unnecessary. Outfit free. Cash weekly. National Nurseries, Lawrence, Kansas.

SALESMEN—TO SELL GROCERIES AT wholesale direct to farmers, ranchmen, etc. Good pay; steady work; latest plans. Our groceries are better than ordinary stores sell and save customers 25 per cent. Build a permanent business that will pay better than a store. Apply with references—K. F. Hitchcock-Hill Co., Wholesale Grocers, Chicago.

REAL ESTATE.

BUY OR TRADE WITH US. SEND FOR list. Berale-Meredith, Eldorado, Kan.

160 ACRES, 3 MILES OUT, TERMS EASY, \$2000. W. E. Burk & Son, Texola, Okla.

WE CAN TRADE YOUR PROPERTY— Book of 500 exchanges free. Graham Brothers, Eldorado, Kan.

EXCHANGES, QUICK SALES, LARGE list. Address: Room 1, Continental building, Omaha, Neb.

WANT TO PURCHASE—UNIMPROVED, good, low priced western Kansas land, for speculation. Price must make them a special buy or snap. Land Investment Company, Chanute, Kan.

WILL YOU BUY OR SELL A FARM OR stock ranch, bank stock or mortgages? Write Frank J. Brown, Financial Agent, 17 Columbian Bldg., Topeka, Kan.

FARM LOANS MADE IN ANY AMOUNT from \$500 up at lowest rates and on most favorable terms. Betzer Realty & Loan Co., Columbian Bldg., Topeka, Kan.

COLORADO LAND—30 MILES FROM Denver, near Deer Trail, Colo., 3 sections; fenced; abundance of water; near school; \$10 per acre cash. Snap. Thomas C. Scott, Owner, 392 Boston Bldg., Denver, Colo.

When writing advertisers, please mention Kansas Farmer.

TILE BROOK FARM HAS FOR SALE yearling Hampshire rams. Sired by an imported Coles ram that was first and champion at four state fairs. E. E. Hazen, Hlawatha, Kan. Four or five barrels of pure elder vinegar, 2 years old, for sale.

2 MILES FROM KANSAS STATE AGRICULTURAL College. Choice bottom tracts 3 a. or more. One mile from Manhattan. Easy terms. A. M. Jordan, Owner, Route No. 2, Manhattan, Kan.

IMPROVED FARMS—WE HAVE SOME exceptional values at from \$30 to \$50 per acre. Write for lists and descriptions. Mound Valley Land Company, Mound Valley, Kan.

TEXAS GULF COAST PRAIRIE LAND for sale; close to railroad and good schools. In all size tracts and at reasonable prices. Apply to G. T. Reinhardt, East Bernard, Texas.

TO EXCHANGE—160 ACRES, 2 1/2 MILES from Grover, Weld county, Colorado; good wheat and mixed farming country; price only \$2,400; mortgage \$800, long time. What have you to offer for \$1,600 equity? Owner, Room 423 Reliance bldg., Kansas City, Mo.

OREGON INFORMATION—FOR AUTHENTIC detailed information concerning fruit growing, dairying general farming, manufacturing and business opportunities in any part of Oregon. Address Portland Commercial Club, Room 642, Portland, Ore.

MISSOULA, MONTANA: AN ACTIVE, wide-awake city of 20,250; ideal climate, pure water. Elevation and soil unexcelled for fruit, grains and vegetables. Montana leads the U. S. in production of wheat, oats, rye, hay and potatoes. Write for booklet K. Chamber of Commerce, Missoula, Mont.

YOU'LL LIKE LINN COUNTY, KAN.— For we have abundance of coal, wood, natural gas and good water. And the land raises magnificent crops of alfalfa, timothy, clover, bluegrass, oats, corn and wheat. R. F. D. and phone at your door. Prices range from \$25 to \$30 per acre. Write for list of farms for sale. A. E. Root, Pleasanton, Kan.

HOGS.

20 SPRING DUROC BOARS SIBED BY a son of Kant Be Beat and Young Orion. Also Shropshire rams. Price low. A. G. Dorr, Osage City, Kan.

I find the Old Reliable a good place in my business. It brings inquiries from all over the country. W. H. SALES, Poland Chinas and Durocs, Simpson, Kan.

SHEEP.

FOR SALE—125 IMPORTED AND home bred Shropshire ewes and ram lamba. The best of breeding at reasonable prices. J. W. Johnson, R. No. 3, Geneseo, Kan.

SHROPSHIRE SHEEP, SPRING RAMS, of best of breeding and quality at reasonable prices for quick sales. E. P. Gifford, Beloit, Kan.

CATTLE.

FOR SALE—BUTTER BREED HOLSTEIN- Friesian bull calves by J. P. Mast, Scranton, Kan.

FOR SALE—BAR V. HADRIA LAD NO. 69443, Holstein-Friesian bull, 5 months old; well grown. For price and breeding write W. E. Bentley, Pen Dennis, Kan.

POULTRY.

BUFF ORPINGTON STOCK FOR SALE— Mrs. R. C. Watson, Fredonia, Kan.

ORPINGTONS—BUFF, WHITE, BLACK, fine chickens, \$5 to \$15 per dozen. Mrs. Lizzie B. Griffith, Emporia, Kan.

DARK CORNISH COCK AND HENS; also White Cornish cock at half price this month and next. M. J. Van Eman, Box F, Elgin, Ohio.

KELLERSTRASS SINGLE COMB CRYSTAL White Orpingtons; also Cook strain of White Orpingtons. Stock and eggs for sale. Mrs. R. A. James, Eureka, Kan.

FINE BARRED ROCKS—GOOD LAYERS; farm range. Eggs \$1 for 15 or \$1.25 for 30, or \$5 per 100. Mrs. John Yowell, McPherson, Kan.

DOGS.

POINTER PUPS, JUST RIGHT TO train; males \$10. Rodger Blanchard, Bennington, Kan.

SCOTCH COLLIES—PUPPIES AND adults eligible to registry; farm raised. One Shropshire ram, a good one. M. S. Kohl, Benton, Kan.

SCOTCH COLLIES—PUPS AND YOUNG dogs from the best blood in Scotland and America now for sale. All of my brood bitches and stud dogs are registered; well trained and natural workers. Emporia Kennel, Emporia, Kan. W. H. Richard.

25 SCOTCH COLLIES FOR SALE—SABLE and white. The blood of C. H. Wells-bourn Hope and all the leading breeds. Female pups \$5, males \$8. Two extra well-trained bred females and one stud dog for sale. Priced reasonable. W. J. Honeyman, Madison, Kan.

FOR SALE—FINE BROWN AND black Spaniel puppies, "the children's friend." Fine house and watch dogs and great playmates for children. Males \$10, females \$5. Also pedigree Berkshire pigs. Satisfaction guaranteed. Address Thorndale Kennels, Wayne, Kan.

HONEY.

HONEY—TWO 60 POUND CANS, \$8.50; single cans, \$4.50. W. F. Morley, Las Animas, Colo.

NEW ALFALFA HONEY—TWO FIVE gallon cans, \$10; broken comb, \$11; fancy comb, \$3.25 per case, 24 sections. A. S. Parson, Rocky Ford, Colo.

SEEDS AND PLANTS.

ALFALFA SEED, TEN DOLLARS, 1910 crop. Sample sent on request. Wallace County Seed and Grain Co., Sharon Springs, Kan.

FOR SALE—KHARKOV SEED WHEAT, college bred, \$1.50 per bushel, sacked. J. A. Lovette, Mullinville, Kan.

WANTED—NEW CROP ENGLISH BLUE grass or Meadow Fescue, Timothy and other grass seeds. Correspond with The Barteldes Seed Co., Lawrence, Kan.

FOR SALE—ALFALFA, MILLET, CANE, buckwheat, turnip and other seasonal seeds. Prices and samples on application. The Barteldes Seed Co., Lawrence, Kan.

KHARKOV WHEAT—I HAVE SEVERAL hundred bushels of this noted wheat for sale at \$1.35 per bu., f. o. b., Stromsburg, Neb. Yield large, withstand winter better than other varieties. Will not last long at this price. J. W. Matson, Route No. 3, Stromsburg, Neb.

MISCELLANEOUS.

WILL EXCHANGE RAMBLER TOURING car for land; will assume. Salina Investment Co., Salina, Kan.

WANTED—SNAKE ROOT OR NIGGER- head, as it is commonly known. Write for prices and description. Fred Lawson, Stockton, Kan.

FOR SALE—NEW HAY TEDDER, never used, splendid tool for clover. Price reasonable. If taken soon. H. W. McAfee, Route 2, Topeka, Kan.

ACETYLENE GAS LIGHTS.

THE BRAUER ACETYLENE GENERATORS give their users perfect satisfaction. Write for catalog and prices. Henry E. Peers, 1603 Western ave., Topeka, Kan.

PATENTS.

SEND FOR FREE BOOKLETS—ALL about patents and their cost. Shepard & Campbell, 500 J. Victor Bldg., Washington, D. C.

KANSAS LAND.

FOR SALE CHEAP—Good silo machinery, nearly new, 12 H. P. gasoline engine, No. 14 Smalley ensilage cutter. Address C. C. White, Burr Oak, Kan.

FOR FREE information about northeastern or western Kansas lands, at low prices, on liberal terms, write to or see W. J. McCrory, Denison, Kan.

FOR SALE—Northeastern Kansas farms, western Kansas lands, income property, stocks of merchandise, etc. Write for full information. W. J. McCrory, Denison, Kan.

EASTERN KANSAS.

Where clover, timothy, wheat and corn is king of crops. 80 smooth, improved. Price from \$10 to \$60 per acre. 240 improved, a bargain, \$40. Write W. K. Shaw, Garnett, Kan.

ANDERSON COUNTY BARGAINS.

160 acres, good improvements, 4 1/2 miles good town, \$45 acre. Improved 147, 5 miles Garnett, \$5,500. Improved 30, \$3,000. Write for free list. J. E. CALVERT, Garnett, Kansas.

GREENWOOD COUNTY FARMS and well-grassed stock ranches, in the corn, clover and bluegrass country, for sale at low prices on liberal terms. Write for full information. J. G. SMITH, Hamilton, Kansas.

SOUTHEASTERN KANSAS LAND

Where corn, wheat, oats and alfalfa produce big crops, at \$40 per acre and up. Oklahoma land, \$12 to \$25 per acre. Write for new list, sent free.

MONARCH REALTY CO.

Coffeyville, Kansas.

INDIANA FARM \$75 PER ACRE.

One and a half miles from Valparaiso, Ind.—as good farming section as anywhere—120 a. fair improvements; will sell or trade; \$75 per a. if a quick deal is offered. W. J. F. care Kansas Farmer, Topeka, Kansas.

NORTHEASTERN KANSAS.

Corn, clover and bluegrass farms at \$25 to \$75 per acre, on good terms. The best bargains in Kansas are to be found here. Quality of land and rainfall considered. List free.

W. M. PENNINGTON McLouth, Kan.

KORN-KLOVER-BLUEGRASS IN N. E. KANSAS.

Here corn is king—wheat queen. Bluegrass nodes in the shade of tall timber and judges herds of fine stock, while alfalfa, clover and timothy regulate laws of supply and demand. Free list.

S. M. STRAWN, Valley Falls, Kansas.

FARM BARGAINS.

Big bargain in one of the best 80's in Anderson Co., nice smooth farm, fair improvements, plenty of good water, close to school, R. F. D. and telephone. Price \$4200. Terms if wanted.

MANSFIELD LAND CO.

Ottawa, Kan.

Wheat, Corn, Alfalfa

In Meade, Ford and Clark counties; land \$25 to \$50 acre. List free. Eugene Williams, Minneola, Kan.

SHERIDAN COUNTY

LAND MY SPECIALTY. WRITE M. D. GILLOUGH, REAL ESTATE BROKER, HONOLULU, HAWAII.

Clark County Farm

520 acres, small set improvements, 300 in cultivation, 10 miles R. R. town, \$25 per a. Lands for sale in any size tracts to suit purchaser, at low prices.

HALL & CLARK LAND CO.

Minneola, Kansas.

Miami County Land

For free information about eastern Kansas land, where corn, wheat, timothy, clover, bluegrass and all tame grasses grow at \$40 to \$75 per acre, write or see the

PAOLA LAND & LOAN CO.

Paola, Kansas.

HERE IS CORN FARM

FOR YOU

152 acres, 3 1/2 miles from this city, 1/4 mile to flag station and stock yards, all rich black limestone soil, 100 acres now in corn, five room house, large barn and out-buildings, lays nice. A snap at \$6400. Will carry half at 6 per cent.

DONAHUE & WALLINGFORD,

Mound Valley, Kansas.

AT A BARGAIN

Four 160 acre farms in Lyon county each containing pasture, meadow, orchards, springs and land under cultivation. Two with house and barns on. These quarters all join each other length ways and are well fenced. This land must be sold soon to settle an estate. Time given on one-half. Address

TROUTMAN RANCH,

Comiskey, Kansas.

SEWARD and STEVENS

Counties corn and wheat land, \$10 to \$25 an acre. Crops often pay for the land in one year. The best investments in Kansas are to be found here. Write for free descriptive literature.

CHAS. MOLDER,

Liberal, Kansas.

FINE QUARTER, \$1500

160 acres, good level land very fertile, 40 ready for wheat. A snap. Don't delay, act now. Land for sale in any size tracts, at low prices on good terms. Write for low list.

THAYER LAND CO.,

Liberal, Kansas.

Meade County Lands For

Sale or Exchange

Raw and improved farms and ranches, \$9,000 telephone exchange. Attractive terms on all kinds of property. Call on or address

BOYER & WYATT,

Plains, Kansas.

20 QUARTERS

Cheap land in Western Kan. and Okla. at \$1000 to \$1500 each, near town or on the new R. R. survey. Good quality and title. H. M. DAVIS REALTY CO., Greensburg, Kansas.

HERE YOU ARE

200 acres, 5 miles Williamsburg, new 7-room house, large barn, all necessary out-buildings in good repair, small fruit, 1/2 cultivated, balance could be \$40 acre. Good terms. Owner old, can't farm it. New list free. SEVERNS & HUTCHISON, Williamsburg, Kan.

Eastern Kansas

80 acres, well improved, new buildings, every foot tillable, plenty of water and close to school, 5 miles of Richmond, for \$50 an acre. Other farms for quick sale. Write the owner, Box 43, Richmond, Franklin county, Kansas.

SOUTHEASTERN KANSAS FARMS

In any size tracts, on liberal terms. How is this: 80 acres good land, well located, small improvements \$2,500. Send for free list.

THE BOWMAN REALTY CO.

Coffeyville, Kansas.

A BARGAIN

160 ACRES, all tillable, 1/2 mile from Meade, Kansas. House 4 rooms, bath, two wells, one flowing; 110 in cult., 15 acres in alfalfa, balance pasture. Price \$5,000. \$2,000 cash, bal. 3 years at 6 per cent.

L. F. SCHUMACHER, Owner,

Meade, Kansas.

Corn, Wheat, Alfalfa

Lands in Trego county, Kansas, where prices are advancing rapidly. Best opportunities in Kansas for homeseeker and investor. Write for our list, mailed free and postpaid. Live agents wanted.

D. W. KELLER LAND COMPANY,

Wakeeney, Kansas.

A GOOD RANCH

In Chautauqua Co., Kan., 2046 acres, good improvements, good grass, plenty of living water, only two miles from railroad station. Will sell at a bargain or take some trade.

LONG BROTHERS, Fredonia, Kansas.

LAND SNAP

80 ACRES, Anderson County, Kansas, 6 miles from Greeley, 7 miles from Garnett. 60 a. in cult., balance meadow and pasture, 160 a. joining Harris, Kan., all tillable, 100 acres in cult., balance meadow and pasture. Price \$55 per acre, well improved.

SPOHN BROTHERS, Garnett, Kansas.

FORCED SALE

Best located, and one of the best farms in Allen county; 480 acres, 3 miles from Iola, 300 acres under plow, balance in grass. All tillable. Will sell all or divide to suit purchaser. Worth \$85 an acre. Will sell for \$50. Very easy terms. Must sell. Call on or address

THE ALLEN COUNTY INVESTMENT CO.,

Longton, Kansas.

LOOK HERE

I offer this week a decided bargain in a section of smooth, raw land, 10 miles north of Brewster, Kan.; fine farms surrounding it, and crops to show what it will produce. This is one of the bargains and will not lay out long. Write for particulars to

KE W. CRUMLY,

Brewster, Kansas.

FARM SNAPS

FARMS FOR SALE—Large list, correspondence solicited, ask for list. Desirable, located. Thos. Darcy, Real Estate, O'ferle, Kansas.

GOVE COUNTY LANDS

\$8 an acre and up. If you want a good home, and an investment that will double soon, write me.

THOMAS P. McQUEEN,

Treasurer of Gove Co., Kansas.

GREENWOOD COUNTY FARMS

Large 40-page handsomely illustrated book, containing valuable information and list of 50 farms, mailed free and postpaid. Send your name today.

P. D. STOUTINGTON, Madison, Kan.

THOMAS COUNTY LAND.

One-half sec. land, 3 1/2 miles to R. R. station, 1/2 mile to school; 30 acres in pasture, rest already put in wheat; all good level land; 3 room house, good well, windmill, granary, stable, chicken house. This is to be sold in the next 25 days. Don't miss this. First one gets it. Write at once, \$29 per acre.

O. P. STEELE,

Colby, Kan.

SPECIAL FOR QUICK TRADE.

Eight-room residence, located at 2726 Woodland ave., K. C., Mo.; nice location, on paved street, with all special improvements in and paid for; east frontage, 20-ft lot; pays \$30 per month rent; price \$5,000; mortgage \$1,800 at 6 per cent; want western Kan. land, N. W. Oklahoma land, cheap grass land in S. E. Kan. or small stock of goods. Might consider livery stock or stock of mds. for equity. Investigate and make propositions. Send descriptions and numbers of land in first letter.

C. E. TINKLIN, Corning, Kan.

THE HORSE—HOW TO BUY AND

SELL.

By Peter Howden. Gives the points which distinguish a sound from an unsound horse. This volume abounds in general information, stated in so clear and simple a manner as to enable anyone to intelligently buy or sell a horse. 131 pages. Cloth. Regular price...\$1.00

Send \$2.25 and your subscription to KANSAS FARMER will be advanced 3 years, and the book mailed to you absolutely free. Address

KANSAS FARMER, Topeka, Kansas.

Kansas Land

IF YOU WANT the RIGHT LAND

at the right price in the right place, from the right man.

Write right now to

H. D. HUGHES,

McDONALD, KAN.

Real Estate Dealers, Attention!

If you want to know how and where to buy advertising space in a big farm paper and a daily paper covering the richest agricultural sections of the United States for less than a half cent a line per thousand circulation, write

Roy O. Housel, 625 1-2 Jackson St., Topeka, Kan.

WICHITA COUNTY

160 acres choice agricultural land only 10 miles from Marienthal and 17 miles from Leoti. All smooth and tillable black soil, free from sand or stones. Sheet water at 100 feet. Good neighbors and a bargain at \$1,200. Further particulars on application.

ALBERT E. KING,

McPHERSON, KAN

A GOOD STOCK FARM.

450 acres, 100 in cultivation, 320 acres in pasture and meadow, 35 acres fenced hog tight, 20 acres in alfalfa, land in cultivation is all fine black soil, second bottom, and is very productive, watered by five good wells, small orchard and some timber. Large 8-room house, barn for 12 horses, cattle barn, hog house, two large chicken houses, cave and cellar, located 6 miles from one railroad town, 7 miles from another, in Greenwood Co., Kansas. Price \$14,500. R. F. D. and telephone.

THE NELSON REAL ESTATE & IMG. CO., 137 N. Main, St., Wichita, Kansas.

EXCEPTIONALLY FINE FARM FOR SALE

Northeastern Kansas farm of 300 acres. Has been well farmed for 20 years. The rich soil has been improved by judicious crop rotation and the liberal use of manure. Well watered, fine walnut timber, finest bluegrass pastures, alfalfa, timothy and clover meadows; finest wheat and corn land. Well fenced. Have cattle and horse barn for a large number of live stock. Large silo, water tanks, granary and fine mill, with other improvements to make it as nearly a perfectly improved farm as money and thought can do. It is a model stock or grain farm, ready for use. It is a most excellent opportunity to get as fine a farm as lies outdoors, and in a country where crop failure is unknown. Lying only 40 miles west of St. Joseph, Mo., and adjoining a thriving railroad town, it is at the doors of the best markets in the West.

For full information, price and terms, address A-130, care Kansas Farmer, Topeka, Kan.

IMPROVED FARMS in S. W. Kansas and N. W. Oklahoma, \$10 to \$25 per acre. Write Moore & Falls, Liberal, Kan.

ANDERSON COUNTY FARMS for sale and exchange, at \$40 per acre and up. Expansion file free to buyers.

SIMON LAND CO., Garnett, Kan.

FOR SALE—200 acres, all bottom land, no overflow, all tillable, fine improvements, \$65 per acre. Other bargains. J. C. Wise, Baldwin, Kan.

MONTGOMERY COUNTY LANDS. Montgomery county is second in population and 5th in wealth in Kansas. Write for list of choice farm bargains and prices. W. J. BROWN & CO., Independence, Kan.

CHOICE KANSAS FARMS in Smoky Valley, Saline and McPherson counties, where you can raise alfalfa, corn and wheat with profit. Write for information and list. DAVID BACHMAN, Lindsborg, Kan.

IF YOU WANT

to buy Trego county corn, wheat and alfalfa land, at \$15 to \$40 per acre, write for free information about this section.

SWIGGETT, THE LAND MAN, Wakeeney, Kansas.

IF YOU ARE INTERESTED IN CENTRAL KANSAS, WESTERN KANSAS OR COLORADO LANDS FOR A HOME OR INVESTMENT, STATE YOUR CHOICE TO C. C. WALLACE, BROOKVILLE, KANSAS.

1120 ACRE COMBINATION RANCH. 25 head horses and colts, above average, and one registered Percheron stallion. Write for particulars. 80 acres first-class alfalfa land in famous Artesian Valley at a great bargain. W. W. MILLER, Meade, Kansas.

ELLIS AND TREGO COUNTY LANDS at the lowest prices on the best of terms. Write for list, sent free.

C. F. SCHEPMANN, Ellis, Kansas.

FREE

List of lands, ranging in price from \$10 to \$30 per acre, well located, near churches, schools and markets in Rawlins and Cheyenne counties, Kansas, and Hitchcock Co., Nebraska. Send your name today.

S. C. ALLEN, Herndon, Kansas.

MEADE COUNTY BARGAIN. 320 acres Meade Co., Kan., small house, good well and windmill, barn, all fenced, 175 acres in wheat, all of which goes to purchaser, 7 miles of Plains, Kan., close to school and church. Write for others.

CARLISLE & DETTINGER, Meade, Kan.

JEFFERSON AND ATCHISON COUNTIES. Improved farms that are rapidly increasing in value, that produce big crops of all staples, for \$60 an acre and up, according to location and improvements. Also some good exchange propositions. Write for full information.

George J. M. Roger, Valley Falls, Kan.

SOMETHING GOOD.

200 acres, adjoining a small town in Sumner county, good 5-room house, new barn 32x40, granary for 1500 bushels. This farm lies fine, deep rich soil, all tillable, except possibly 5 acres, 160 in cultivation, 40 in pasture. If you are looking for SOMETHING GOOD, at a low price and easy terms, do not let this get away from you. Price \$55 per acre; \$5000 can be carried back on long time.

SHARP REALTY COMPANY, Turner Building, Wichita, Kansas.

FINE IMPROVED 160, 5 miles out, \$5,700; terms. L. F. Thompson, Norwich, Kan.

FOR FREE INFORMATION about Thomas and adjoining counties, write to or call on Trompeter & Son, Colby, Kan.

FRANKLIN COUNTY.

Heart of corn, clover and bluegrass belt. Prices lower the farther west. New eight page list free to buyers. Send your name. Princeton Land Co., Princeton, Kan.

MARION, MORRIS AND DICKINSON County, Kansas, lands. Bargains in improved farms at prices ranging from \$45 to \$80 per acre. Write for big list.

T. C. COOK, Lost Springs, Kansas.

IMPROVED Anderson county corn, wheat, oats and alfalfa farms at \$40 to \$60 per acre. Write for our free list. Also good exchange propositions. Rice-Daniel Land Co., Garnett, Kan.

IF YOU want to buy an improved Franklin county farm for \$40 to \$75 per acre, write to or call on

C. W. FEUERBORN, Richmond, Kansas.

THE BEST TOWN TO LIVE IN.

If you would like to live in the most beautiful city in the West, with unsurpassed education, business and religious advantages, in a city clean, progressive, where real estate values are low, but steadily advancing, where living expenses are reasonable, a city with natural gas at lowest prices, address the

SECRETARY OF THE COMMERCIAL CLUB Topeka, Kansas.

79 ACRES, 3 1/2 miles Kelly, Catholic settlement; 5 acres alfalfa, 12 timothy and clover, 15 pasture, balance cultivated; good house, barn; hog and cattle sheds; two wells, windmill; fine orchard, all kinds fruit \$6,500. New list free. Trading a specialty. Write me what you want.

O. L. HOLLAND, Goffs, Kan.

NORTHEASTERN KAN., \$45 PER ACRE. If you want to buy a good home, or make a paying investment, where corn, clover, bluegrass and staples grow to perfection, write or call on me. Can sell you improved farms for \$45 to \$65 an acre.

ALVA HARDEN, Ozawie, Kansas.

LIVE AGENT WANTED

in your locality to assist in selling corn, wheat and alfalfa land. We own thousands of acres in Pawnee and adjoining counties. Write us for a proposition on our own ranches.

FRIZELL & ELY, Larned, Kansas.

LANE COUNTY, KANSAS, offers bargains in wheat and alfalfa ranches at \$10 to \$20 per acre. Write for my price list and investigate at once.

WARREN V. YOUNG, Dighton, Kansas.

NORTHEASTERN KANSAS FARMS. For sale or exchange, natural home of corn, clover, bluegrass and all staples, as well as fat cattle and hogs. Also city property and stocks of merchandise for sale or exchange. Large 16 page list free.

COMPTON, THE LAND MAN, Valley Falls, Kansas.

1,280 ACRE IMPROVED RANCH. 7-room frame house, good barns, granaries and sheds, scale house, dipping vat, fenced, plenty water, 350 acres in cultivation, 14 miles from county seat, 2 miles to new town, on new railroad. A big bargain at \$25 per acre.

KIRBERG & MILLER, Ness City, Kansas.

200 ACRES, 10 miles from Delphos, 40 a. pasture, 160 in cultivation, 175 can be cultivated, creek, plenty of fruit for family use. Good house, barn and outbuildings. One of the best corn and alfalfa farms; can be bought for \$75 per acre; 1/2 cash, bal. 6 per cent.

Box 114, Minneapolis, Kansas.

180 ACRES, 1/2 mile from "Baker University" townsite; good rich black limestone soil; 9-room house, two barns, hog sheds, large hay barn, splendid corn and timothy land. Well worth the money. Price \$75 per acre.

Wm. H. Holliday, Baldwin, Kansas.

FOR SALE—195 a., 6 mi. Garnett, 3 mi. Haskell, on Mo. Pac. R. R., 120 a. valley and slope land in cult., balance rough pasture with limestone rock on 1-3 of it, well fenced and cross fenced; new 6 r. house; splendid barn 32x42; 2 good wells; family orchard. A snap at \$5,500. New list free. Sewell Land Co., Garnett, Kan.

MIAMI COUNTY—Improved farms \$45 up, good terms. Cheaper and better than farther west. List free. Carpenter & Peck, Miami Co. Bank Bldg., Paola, Kan.

ANDERSON COUNTY FOR HOMES AND INVESTMENT.

Let us show you productive farms at attractive prices and liberal terms. Molcomb Realty Co., Garnett, Kan.

MEADE, Ford, Clark and Gray county land, \$10 to \$20 an acre; prices advancing rapidly, now is the time to buy. Write for full information. Chas. Schwerdtfeger, Fowler, Kan.

TREGO COUNTY LAND.

where prices are advancing rapidly. At low prices, on liberal terms. Near markets, churches and schools. Write for prices and descriptions.

J. I. W. CLOUD, Wakeeney, Kansas.

ASK WHY LAND IN SHERIDAN COUNTY, KANSAS,

will make the investor or the farmer money purchased at present prices.

Many inducements here that are not to be found elsewhere.

T. V. LOWE REALTY COMPANY, Goodland, Kansas.

LOW-PRICED NORTHEASTERN KANSAS LAND.

Produces corn, clover, bluegrass and all staple crops in big yields. We can sell you improved farms here for \$40 to \$50 per acre. Have some good exchanges. Write for full information.

The Owl Land Agency, Ozawie, Kansas.

435 ACRE FARM—DIRT CHEAP.

435 acres, 2 to 3 mi. from 5 towns, Linn Co., Kan. Rich soil, small grain, corn and tame grass farm. Improvements worth \$5,000; good repair. All fences; part hog tight. A genuine bargain for \$27.50 per a. Large list and detailed description free.

T-O. M. LAND CO., Coffeyville, Kansas.

MEADE, GRAY AND FORD COUNTIES.

The wheat, corn and alfalfa country of Kansas. Special—6 quarters in Gray county, level good land, near school and R. F. D.; 2 sets of improvements, \$15 an acre. Write quick if you want a snap. List free.

THOMAS W. HOTZ, Fowler, Kansas.

ANDERSON COUNTY.

Wheat, oats, corn, tame hay and many other crops produce abundantly. Improved farms for \$30 to \$60 per acre. Big investment opportunity. Write for new list, mailed free.

GEO. W. ILLER & SON, Garnett, Kan.

CORN, BLUEGRASS AND ALFALFA LANDS

In Northeastern Kansas, where crops never fail. Improved farms \$65 per acre and up. Prices rapidly advancing. Now is the time to buy. Write for full information.

F. A. LAKE, Ozawie, Kansas.

REAL ESTATE! REAL ESTATE!

For free information regarding Jackson, Jefferson and Atchison county lands, also for real estate in Texas, Wyoming and Colorado and western Kansas, call on or address Wm. Harrison, Farmers' State Bank, Whiting, Kan.

NORTHEASTERN KANSAS.

The best agricultural section of Kansas. Wheat, corn, alfalfa, tame hay, potatoes and fruit are making our farmers rich. Land \$25 up. Big list to select from. Write for full information.

E. L. NORTH, Centralia, Kansas.

SEVERAL good farms to trade for stocks of merchandise and land to exchange for city property. Land in the fertile Gulf Coast of Texas \$25 per acre on payments; fine climate and farmers get rich in a few years. We go down twice a month. Write me for particulars. Henry G. Parsons, Lawrence, Kan.

160 ACRES, 11 miles Plains, 11 miles Jasper, both good shipping points, level roads; perfect quarter of buffalo grass land. Price \$13 an acre; terms. No adjoining lands can be bought for less than \$15 an acre. Other bargains.

FULLINGTON & MARES, Meade, Kansas.

NESS COUNTY ALFALFA FARM.

160 acres, fair improvements, 6 room house, 6 mi. Ness City, 1 mi. school, most all fine first bottom alfalfa land, living water, telephone and R. F. D. lines pass house, 90 acres in cult., 1/4 growing crop goes, all fenced and cross fenced. Inc. \$600, 5 per cent, 2 1/2 years yet. To Sept. 1 only, come quick. \$3200 buys it this month.

J. G. COLLINS, Ness City, Kansas.

GOOD NEWSPAPER PROPOSITION.

Only paper in the town in eastern Kansas. Doing more business each year than it asked for it. The owner sell on account of health failing him. This is one of those real opportunities, only available when someone has made good and breaks down in the harness. Cash proposition. Price \$3500. Michael & Goudy, Waverly, Kan.

A BARGAIN AT \$55.00 PER ACRE.

80 acre farm located in one of the best farming and stock raising sections of Kansas; only 100 miles from Kansas City; 65 a. in cultivation, 15 a. hay and pasture, 5 room house and large barn 30x38, both in good condition, and several small buildings, 2 good wells and cistern, \$1,500 cash, and time on balance to suit. Address Owner, R. F. D. No. 2, Box 34, Westphalia, Kan.

KIOWA COUNTY LANDS. At \$20 per acre and up on liberal terms, where all staples produce abundantly. We have better corn right now than you have on your \$150 land. Descriptive literature free. THE WAYNE LAND CO., Greensburg, Kan.

A BARGAIN ESTATE.

640 acres, 2 sets buildings, 2 story, 10-room house with porches, large barn, outbuildings, scales, good water, gas well, variety fruit, 5 room house and stable. Farm lays well, well located, telephone, rural route, 8 miles Paola, 2 miles church, 1/2 mi. school. Would make good farm. Price \$42,000.

FLOYD LAND CO., Paola, Kansas.

EASTERN KANSAS FARM BARGAIN.

160 acres, 6 1/4 miles from Osage City and 2 1/4 miles from Barclay, Kan., 85 acres under cultivation, 2 acres orchard, balance native grass, 6 room house, barn for 8 horses with loft, cow barn, corn crib, hen house and other outbuildings, plenty of good water, all smooth land, R. F. D. and phone, 65 acres of corn goes with farm if sold in 30 days. Price \$7,500. For full particulars write

J. C. RAPP & CO., Osage City, Kansas.

KIOWA COUNTY, KANSAS.

20,000 acres where wheat, corn and all staple products produce paying crops every year, \$20 and up. Don't write, come quick. Edgar B. Corse, Greensburg, Kan.

JOHNSON COUNTY, KANSAS, FARMS.

800 acres, improved, 3 miles Olathe, all good land, living water, \$95.
440 acres, improved, 3 miles Olathe, best grain and stock farm in county, \$85.
80 acres, 2 miles out, well improved, \$110.
160, 1 mile Olathe, all tame grass, \$100.
JOHN FERGUS, Olathe, Kansas.

FARMS AND RANCHES

In Greenwood county, the best known county in Kansas, where corn, clover and bluegrass grow to perfection. We own and control most land here, and will suit you.

WICKER & MARSHALL, Madison, Kansas.

COME TO LIBERAL.

New lists Seward and Stevenson Cos., Kan. Beaver and Texas Cos., Okla. Wheat and broomcorn land, \$10 to \$25.
KAN. & OKLA. LAND CO., Liberal, Kan.

THE PLAINS LIMITED.

Write for it today. Tells how to make big money in Plains City lots. Price \$22.50 to \$50. Easy terms. Mechanics, clerks, small investors, farmers, now investing in Plains. Prices increasing rapidly. Postal will bring full information.

JOHN W. BAUGHMAN, Plains, Kansas.

30 ACRES adjoining Liberal, all in cultivation, fenced on three sides, all to be sowed to wheat, 1-3 delivered goes to purchaser, price \$45 per acre; terms. Other bargains \$7 to \$25 per acre. Descriptive literature and list free.

MACEY & EVANS, Liberal, Kansas.

FORD, Clark, Meade and Gray county corn and wheat land at \$15 to \$30 acre, on good terms. Write for new list, mailed free.

H. E. McCUE LAND CO., Bucklin, Kansas.

BARGAIN.

In Artesian Valley, alfalfa land, 480 acres, all irrigated, 2 miles Fowler, 100 acres, only 8 to 12 feet to water, artesian well, fine land; snap at \$40 acre, 1/2 cash, bal. 3 years at 6 per cent. I own other farms; will sell.

E. L. WATTS, OWNER, Fowler, Kansas.

CHEAPER THAN STEALING

240 acres 7 miles from town, 70 acres partly bottom under cultivation, balance fine limestone pasture and mow land. All watered by creek. Part of this is nice and smooth, and part a little rough, but fine pasture. Price \$13 an acre. \$3000 cash handles it. This land is selling fast and prices advancing. Write for big list today.

D. M. WATKINS, Moline, Elk County, Kan.

A NORTHEAST KANSAS SNAP.

240 ACRES \$7300. 240 acres in Jefferson county, 3 1/4 miles McLouth, 40 miles Kansas City, new 4 room house, good barn, 2 chicken houses, R. F. D., telephone line, 1/4 mile school. Half in cultivation, balance good timber and grass land. This is a bargain. Send for list. W. M. Pennington, McLouth, Jefferson Co., Kan.

SMALL FARM & STOCK RANCH.

950 acres, ten miles Meade, fenced, cross fenced, good house and other farm buildings, 40 per cent tillable, 46 acres subirrigated, alfalfa land, living water; well adapted to general farming and stock raising. \$8 per acre reasonable terms.

FIDELITY LAND & TRUST CO., Meade, Kansas.

A FINE RANCH ON EASY TERMS.

A fine level ranch of 1,380 acres located in Sherman county, Kansas, 4 miles south of Ruleton, the first station west of Goodland, on the main line of the Rock Island railroad. All tillable, new frame dwelling, 28x42 feet, five rooms, with pantry, closets, small hall and cellar, frame barn 48x32 feet, frame granary 20x40 feet, frame stable 20x32 feet, frame cattle shed with straw roof 64x20 feet, good well, windmill, two large tanks, with abundant supply of the finest water on earth; cannot pump the well dry. Milk house, hog house, feed rack and corral. About half cash, balance five years at 6 per cent. Will be sold soon. Can give possession any time. Come at once and see it and procure a bargain. Call on or address

G. W. SAPP, Goodland, Kansas.

JEFFERSON COUNTY FARMS FOR SALE.

We have listed some of the best farms in this county and want you to come and see us if you want to buy. Here is one of the best corn farms in the county. 240 acres, 1 1/2 miles from Oskaloosa, county seat. On this farm there is growing 200 acres of corn, a small patch of alfalfa, prairie grass and about 15 acres of timber; can all be plowed but 20 acres. Improvements: one fair house and one tenant house, fair barn, large cattle shed, cribs and plenty of water. Can sell for \$65 per acre for a short time. We have a large list of good farms for sale. For a square deal come and see or write

FORD & WEISHARR, Oskaloosa, Kansas.

EASTERN KANSAS BARGAIN.

80 a. 4 mi. town and high school, new 7 room house, cement walks, good cement cellar, stable for 12 head horses, coal house, cow shed, apple orchard, 1,500 bu. this year, 400 bu. peaches, pears, plums, etc., 12 a. clover, 15 a. hog tight, bal. in corn, good well at house, fine spring of water near barn, never fails, 1 mile to school. This is a snap and can't be duplicated. Is worth \$6,000, must sell and sell quick. Don't wait to write. Price \$5200.

KNIGHT LAND CO., Moran, Kansas.

1600 A. IMPROVED LAND.

Four mi. from Meade, nearly all smooth, wheat, corn and all kinds of grain land. Owner has raised 50 bu. oats, 50 bu. barley, 30 bu. wheat, 35 bu. Kafir corn and 55 bu. corn per acre on said land. Alfalfa can be raised successfully by proper cultivation, 1 mi. to R. R. station and elevator. At present the land is operated as one farm, but could be conveniently cut up into three or four farms. Titles are all good, no incumbrances, good terms can be given if desired. There is about \$6,000 worth of stock; all will go with the place if sold soon at \$25 per a.

320 a., 4 mi. from county seat, 280 a. perfect and smooth, balance good pasture land. Price \$16 per a.

160 a., 3 miles from Meade, 5 flowing wells, 65 a. in alfalfa, some timber, fair improvements, in the heart of the artesian valley. Price \$65 per a.

HULBERT & BLACK, Meade, Kansas.

Colorado Land

NEW LAND OPENING. NEAR PUEBLO, COLORADO.

Two miles from station on two trunk lines of railroad. Finest quality of alfalfa, fruit and vegetable land, ready for the plow with ample and perpetual water supply all ready to use. No failure here—water your own crops when they need it and get big results. Close to large markets with high prices. No healthier climate in the world. Good altitude, pure spring water. This is the lowest price, first-class irrigated land in Colorado, and the first allotment will be sold out with perpetual water right at less than one-half the price of adjoining irrigated lands. Get in now at first cost and double your money. Excursion every Tuesday. Come with us and look this great bargain over before prices advance. Low round trip rates. Write for free booklet. Do it today.

THE HEATH COMPANY, TOPEKA, KANSAS.

WRITE OR CALL UPON US

for information about Eastern Colorado. We have 100,000 acres in the shallow water belt that will make \$100 alfalfa land; can be bought now for \$5 to \$15 per acre.

Kit Carson Company

Kit Carson, Colorado

LIVE AGENTS wanted to sell Washington county land; big crops are being raised every year. Write for offer. The Clarey Land Co., Akron, Colo.

LIST OF LANDS for sale at \$5 per acre and up, free. 300-acre homesteads located. Relinquishments for sale. R. A. Shook, Akron, Colo.

\$7 TO \$15 PER ACRE on liberal terms. Homestead relinquishments \$100 to \$300 each. Where rainfall is plentiful and prices are rapidly advancing. Write for full information stating what you want. Maher & Hanks, Deer Trail, Colo.

HOMESTEAD RELINQUISHMENTS and cheap deeded lands, Kiowa county, is still cheap, but is bound to develop several times in the next few years. Write for further information.

LINN & CHERMAK, Haswell, Colorado.

LANDS that raise big crops of all staples, near towns, churches, schools and neighbors, \$10 to \$25. Will locate you on a 320-acre homestead relinquishment. Act quickly. Write for full information.

8000 acres choice land at \$1200 per qr. 1 or all. 800 acres imp., good house and fenced, 120 a. broke. Price \$20 per a.; will take \$2000 in trade and carry \$4000 back on farm. We have cheap relinquishments. Write us. The Akron Land Co. (Inc.), Akron, Colorado.

SAN LUIS VALLEY.

Irrigated lands with perpetual water rights in tracts to suit on easy terms. Prices all far below real value. Produce alfalfa, peas, potatoes, wheat, oats and fat stock. THE TRANS-MISSISSIPPI INV. CO., Inc., La Jara, Colorado.

YUMA COUNTY, COLORADO

lands that raise big crops of all staples, \$10 to \$15 per acre. Great opportunities for homeseekers and investors. I own a few quarters which I will sell cheap.

A. L. KISSINGER, U. S. Commissioner, Yuma, Colorado.

KIOWA COUNTY, COLORADO. Corn, wheat and alfalfa lands \$8 to \$15. Homestead relinquishments \$250 up. Folder and copy of the Homestead laws sent free. A few 160-acre homestead tracts under prospective irrigation yet. THE WESTERN REALTY CO., Eads, Colo.

FAMOUS Grand River Valley lands pay big interest on capital invested. Prices advancing rapidly; now is the time to buy. Write for large, 60-page descriptive pamphlet, mailed free upon request.

\$ FOR REALTY COMPANY, Fruita, Colorado.

LA PLATA COUNTY

Irrigated lands \$25 an acre and upward; in new country, about to be tapped by another railroad—the C. & S. Fruit, vegetables and all staples produce big crops. Price lists and large pamphlet free.

BOYLE REALTY CO., Durango, Colo.

LANDS! LANDS!

In the famous San Luis Valley. Land from \$40 to \$125. Crops abundant. Unexcelled water rights. We live here, are old ranchers here and own land here. Write for handsome illustrated booklet, mailed free.

DWIGHT G. GOVE, Monte Vista, Colo.

COLORADO FRUIT LANDS

that pay big interest on the capital invested. Reasonable prices and terms. Write for full information, stating what you want.

PAUL WILSON, Hotchkiss, Colorado.

640 ACRES, fenced and cross-fenced, 12 miles of Denver, three miles of Parker, Colo., well grassed, has living water sufficient to water 200 head of stock every day in the year. \$12 per acre, half cash, balance in one and two years at 6 per cent. Several other bargains just as good. Write

A. J. SIMONSON, 214 Cooper Bldg., Denver, Colorado.

BEST BARGAINS IN THE WEST.

Fruit and stock farm, well improved, in center of Montezuma valley, close to county seat; land will be worth several times its present value for orchard purposes; pays 25 per cent annually on a valuation of \$26,000.

VINCENT & WOODS, Cortez, Colorado.

IMPORTANT MESSAGE TO CATTLEMEN. 250 head Hereford and Shorthorn cattle, cows, 2-year-olds, yearlings and calves with 160 acres deeded land. Improved and lease on three sections. Plenty water; about 8 miles of fence. Plenty good range. Located about 15 miles railroad town. Can be bought at very low price if taken at once.

I. H. SHELTON, Ordway, Colorado.

BARGAINS IN IRRIGATED LANDS in the famous San Luis Valley. Good water rights go with the lands. 320 a., 4 mi. from Alamosa. Good improvements, grain, alfalfa and hay. Two good artesian wells. Fine farm. Price \$50 per acre. 320 a. improved. Close to school. Fine soil, grows grain, alfalfa and potatoes. Great bargain at \$35 per a. 160 a. improved. Hay, grain and pasture, near school, \$30 per a. 320 a., partly improved, all fenced, rich soil. Splendid snap at \$25 per a. For further description write

BUTLER & HINES, Alamosa, Colorado.

EASTERN Colo. land wanted in exchange for good corn and bluegrass farm in Mo. Box 167, Deerfield, Kan.

SEND FOR A COPY of our free book, telling about good homes and money making investments. Illinois Realty Co., Monte Vista, Colorado.

BUY IRRIGATED FARMS IN COLORADO. All kinds for sale. Just the climate you want. National Irrigation Congress meets in Pueblo September 26. Low rates. Ask for information.

E. BRAYTON, Pueblo, Colo.

SOMETHING FOR NOTHING. For every quarter section purchased from me I will give a Free Warranty Deed to Forty Acres of good land in a new and coming section of our valley. Come and see how I can afford to do it. Write for booklet. No agents. I sell my own lands.

C. W. FOSTER, Monte Vista, Colo.

EASTERN COLORADO—The home of wheat, barley, millet, cane, broom corn, speltz and all staples. Lands are now very cheap, from \$8 to \$11 per acre for raw land and to about \$20 an acre for improved farms, but are rapidly advancing in price. Write for free printed matter, stating what you want.

McCRACKEN LAND COMPANY, Burlington, Colorado.

KIT CARSON COUNTY COLORADO. Corn, wheat and alfalfa lands, at \$10 to \$25 per acre, according to location and improvements. Prices are rapidly advancing and the time to buy is now. Write for our free illustrated booklet, stating what you want. A live agent wanted in your locality.

A. W. WINEGAR, Burlington, Colorado.

I. L. DARBY

THE PIONEER LAND MAN

Government and Deeded Lands and Town property. 320-acre Homestead. Snaps in relinquishments. Write for new illustrated folder, mailed free.

GROVER, COLORADO.

EASTERN COLORADO

Farm lands near the new and rapidly growing town of Brandon for \$10 to \$15 per acre. Great opportunities for homeseekers and investors. Write for full information.

C. D. BLANCHARD, Brandon, Colorado.

320 Acre Homesteads

There are only a few left, so you must act quickly. Also cheap deeded lands, including both stock ranches and farm lands and homestead relinquishments for \$150 and upwards. Write for descriptive circular, mailed free upon request.

G. W. FRANK, Arlington, Colorado.

HOTCHKISS, COLO.

In the best fruit section of the Western Slope. Good fruit land with water right; can sell be bought for \$100 and \$150 per acre. Values will undoubtedly double and treble soon. Send your name for large illustrated pamphlet mailed free.

O. F. DICKSON & CO., Hotchkiss, Colorado.

EASTERN COLORADO LANDS

\$12 to \$25 per acre; about 1-3 cash, balance to suit purchaser. Also homestead relinquishments for sale cheap.

A. TERWILLIGER, Prop., Byers Hotel, Byers, Colorado.

PAONIA, COLORADO

In the best fruit section of the Western Slope. Fruit land pays 20 per cent per annum on the capital invested. Prices still reasonable, but advancing rapidly. Write for free illustrated folder, containing much interesting information.

C. C. HAWKINS, Paonia, Colorado.

SAN LUIS VALLEY

Lands where big crops of potatoes, alfalfa, peas, etc., grow to perfection. Reasonable prices; good terms. Write for illustrated literature, mailed free.

W. P. FISHER COMPANY, La Jara, Colorado.

GRAND RIVER VALLEY

The famous orchard district of the western slope of Colorado, orchard tracts in any size to suit purchaser at various prices. Bearing orchards often pay \$500 an acre net profit per annum. Write for full information.

E. A. LOOMIS, Fruita, Colorado.

You can safely answer the advertisements in KANSAS FARMER, and buy the things advertised, because we do not allow any advertiser to continue in our pages, if he fails to make good as he advertises. Our guarantee on page three is your insurance of honest dealing.

ARKANSAS LAND

BENTON COUNTY, ARKANSAS, 20 years experience. Write us about fruit farms. C. R. Craig & Co., Bentonville, Arkansas.

ARKANSAS fruit, grain and stock farms at farmers' prices. Timber lands. Sam A. Clark & Company, Dept. C, Fayetteville, Ark.

ALFALFA FARM \$15 PER ACRE. 567 acres, 200 in cultivation, 367 fine timber, rich bottom land, good for alfalfa. R. F. D., telephone, free stone water, good house and barn. Price \$15 per acre. Many other fine bargains. Write

JAMES T. HENDERSON, Newport, Ark.

"A WESTERN FARM IN ALABAMA." If you want to know what W. N. Jones & Son of Kansas have done and are doing with a farm near Montgomery, Ala., a postal card will bring you full information. The Business Men's League, Montgomery, Ala.

N. W. ARKANSAS BARGAIN. 98 acres, 2 1/2 miles of R. R. station, 4 roomed house and barn, fine spring in yard, 60 acres bottom land in cult., 35 acres good timber, 1/4 mile to school. Price \$2,500. Write

AUSTIN & DRENNEN, Gravette, Ark.

FINE FRUIT AND STOCK FARMS For sale or exchange near Rogers, the queen city of N. W. Arkansas, and the home of the big red apple. Pure water, an ideal climate, no negroes, no mosquitoes, no saloons, good crops. Write

H. J. MILLER REALTY CO., Rogers, Arkansas.

FOR SALE. An ideal improved farm of 390 acres in Drew county, Arkansas. About 200 acres fine land under fence. Seven miles from Monticello, the county seat, also site of the State Agricultural College. Good buildings and fine water. More complete information can be had by addressing the owner.

E. A. STANLEY, Fordyce, Arkansas.

TEXAS LAND

FOR FREE INFORMATION about Panhandle of Texas and western Oklahoma lands at \$8 to \$20 an acre, write to or call on J. A. WILLIS & CO., Higgins, Texas.

GOOD RANCH. 3,568-acre ranch, improved, \$5 an acre, Robertson Co., 7 miles county seat. Adjoining land couldn't be had for twice our price. Would sell part or all. All fine grass and much first-class farm land. Detailed description and plat free.

C. A. BABCOCK, Harper, Kan.

SHALLOW WATER BELT Of the famous South Plains of Texas, where we can sell you good land, near schools, churches, markets and railroads for \$14 an acre and up. Write for our free descriptive circular. JONES-MURPHY LAND CO., Plainview, Texas.

ATTENTION, FARMERS AND INVESTOR. Lands in the famous Shallow Water Belt of the South Plains of Texas producing more than your \$150 lands at home at 1/4 to 1-3 the price. Finest climate, finest soil, finest water. Schools, colleges and churches—none better. Write for literature. A few live agents wanted. White Bros., Plainview, Tex.

PLAINVIEW, TEXAS.

Metropolis of the famous shallow water belt of the South Plains of Texas, where corn, wheat, alfalfa, milo maize and all staples grow to perfection. Write for handsomely illustrated literature and map, mailed free. RUSHING LAND CO., First National Bank Bldg., Plainview, Texas.

Dalhart, Texas is where we are located and we have some land bargains for the buyer. Write for our free, handsomely illustrated book or come to Dalhart and let us show you a country without a fault.

J. N. JOHNSON LAND COMPANY, Dalhart, Texas.

A TEXAS BARGAIN

Three sec. ranch, all tillable; 300 a. in cultivation, 500 a. alfalfa land, on draw; 5-room house, good barn, well and mill; 7 mi. county seat; \$13; 1-3 cash, bal. 1 to 6 yrs. 6 per cent.

F. B. GOULDY, Plainview, Texas.

WYOMING LANDS

30,000 ACRES JUST OPENED.

Carey Act lands at Wheatland, Wyoming. Obtain a home now that's sure to produce and double in value before paid for. Plenty of water now in the land. Also selling choicest farm lands in Iowa Colony near Cheyenne, and ranches in this ideal stock country.

Great alfalfa and grain crops grown here every year. Healthiest climate, purest water, good markets. For excursion rates, valuable maps, laws, write HARTUNG LAND COMPANY, Special State Agents, CHEYENNE, WYOMING.

OKLAHOMA LAND

FREE INFORMATION about Oklahoma.

Homer H. Wilson. Here since 1893. Enid, Oklahoma.

FOR FREE information about Eastern Oklahoma alfalfa farms, write Atwood & Zenger, 106 N. Second Street, Muskogee, Oklahoma.

EASTERN OKLAHOMA LANDS \$12.50 to \$20 per acre for good Alfalfa Land. Titles perfect, easy terms. Further information write Tulsa Real Estate Company, P. O. Box 1016, Tulsa, Okla.

EASTERN OKLAHOMA corn and alfalfa land; abundant rainfall; healthful climate; titles perfect; terms. Write Hunter Land Co., Tulsa, Okla.

EASTERN OKLAHOMA CORN LANDS. Write for our illustrated booklet, state map and price list of our fine river bottom and prairie farms. Big crops of corn, oats, alfalfa, wheat, cotton, etc., every year.

R. B. BEARD & CO., American Nat. Bank Bldg., Muskogee, Okla.

FOR FREE INFORMATION about western Oklahoma and eastern Panhandle lands at \$10 to \$30, write or see Cooley & Guthrie, Gage, Okla.

IF YOU want to buy Texas Panhandle or Western Oklahoma lands, at lowest prices on best terms, write or see

ALLISON-CROSBY & CO., Texoma, Texas Co., Okla.

CADDO COUNTY FARMS. Best in Oklahoma for homes or investment. Your address on postal card will bring descriptive list and literature.

BALDWIN & GIBBS CO., Anadarko, Oklahoma.

EASTERN OKLAHOMA. Improved farm, 160 acres, good, new house, half section of unimproved land. Very fine. Several other good bargains. Write me if you want to know about Eastern Oklahoma. T. C. BOWLING, Owner, Fryer Creek, Okla.

A 160 ACRE FARM near a town like Thomas, Okla., is a sure thing. Write for particulars. Don't fail to see our land before buying elsewhere.

GRANT INVESTMENT COMPANY, Thomas, Oklahoma.

FOR SALE. A well improved bottom farm of 584 acres on Grand River, six miles of railroad town. This is one of the best farms in Oklahoma. No overflow. No trade. Price \$50 per acre. Write

J. T. RAGAN & CO., Vinita, Okla.

INDIAN LANDS FOR SALE. 300 choice farms in N. E. Oklahoma. Low prices and easy terms. Write for map and price list.

LEAVITT LAND COMPANY, Vinita, Oklahoma.

Agents Wanted.

CORN, OATS, WHEAT and alfalfa and all staple crops grow to perfection here in the garden of Oklahoma. Prices reasonable. Write for list and descriptive literature.

C. E. POCHTEL, Newkirk, Okla.

A FEW BARGAINS NEAR WAGONER, OKLAHOMA.

200 acres, 5 miles from town, good new 5-room house and barn 60x80, all tillable. Price \$28 per acre. 40 acres 1/4 mile from Wagoner. All smooth, fine land, every acre tillable. Price \$37.50 per acre. Write

W. H. LAWRENCE, The Land Man, Wagoner, Oklahoma.

CORN FARM.

160 a. 8 miles of good R. R. town, 12 miles of Medford, in consolidated school district. R. F. D., 106 a. in cultivation, balance pasture, large fine orchard, all kinds of small fruit, small house and barn, good water and mill, sub-irrigated land, sandy loam soil, 2 miles of country store, large shade trees, a fine home. Price now \$4500, only \$2000 cash, balance to suit.

BATTEN REALTY CO., Medford, Okla.

THE FINEST HOG PROPOSITION IN THE STATE OF OKLAHOMA.

Will lease my hog ranch for a term of five years; have 300 acres under hog wire fence and cross fenced; have 350 acres in cultivation; corn, alfalfa, Bermuda grass, and peanuts; pastures have the finest springs in the state of Oklahoma; have plow tools, hay tools, wagons and implements; mules and horses enough to run the place. Would require person leasing to purchase my entire outfit, including the hogs, sheep and goats and growing crop. It will cost \$4500; will lease for \$1000 a year; other business does not permit me to give it my personal attention.

H. E. DRAUGHON, Marietta, Oklahoma.

"Hough Sells The Earth"

In Caddo county; fertile, rich, cheap. Send 10 cents in stamps for handsome colored county map of Oklahoma, circulars and list. Letters answered in German or English.

W. R. HOUGH, Apache, Okla.

160 ACRES 160

Fine land, 100 acres in cultivation, 6 1/4 miles from railroad. Price \$4,000. Terms on part.

THE FIRST LOAN & MORTGAGE CO., Watonga, Oklahoma.

Another Bargain

160 acres of No. 1 bottom land, all in cultivation and improved. Ten miles from Ponca City and new road now building by the place. For particulars write

TRUMBLY & BARRETT, Ponca City, Okla.

MISSOURI LAND

IMPROVED corn, clover and bluegrass

farms 40 miles south Kansas City. \$50 to \$75 per acre. Jot M. Wilson & Son, Harrisonville, Mo.

IF YOU WANT A HOME in the Ozarks, where the water is pure, write for my free list. Low prices. G. W. Peck, Dixon, Mo.

OZARK FARMS, some well improved, \$8 to \$30 per acre. Timber lands, \$5 to \$10. Write for price list. McDonald & Son, Richland, Mo.

IF YOU WANT TO BUY a good farm in southwest Missouri or city property in Springfield, Mo., write A. B. Crawford, Springfield, Mo.

THREE HIGH-CLASS improved Northwest Missouri farms for sale; corn, clover and bluegrass land. Your choice \$75 per acre. Write for particulars. Bazel J. Meek, Owner, P. O. Box 307, Chillicothe, Mo.

FOR SALE—Central Missouri farms, send for list, 200 farms in Callaway Co., Mo., with full description and price for each; in Missouri's best grain and bluegrass county. Keontz & Palmer, Fulton, Missouri.

5,000 ACRES cheap farm land, tracts to suit; Green county; part improved, balance good timber; good soil and water; \$10 per acre upward; liberal terms; descriptive literature free. Ozark Land Co., 305 1/2 Booneville, Springfield, Mo.

MISSOURI FARM LANDS—No better grain and stock land anywhere; good values; fine schools, fine climate. List and prices free. Fulton Real Estate Agency, Fulton, Mo.

300 FARMERS asked and received our list of Farm Properties for sale in various States. Of these 300 enquiries 130 wanted farms in New York, 28 in other Eastern States, 12 wanted Indiana and Michigan farms, 23 in Illinois, Iowa, and Wisconsin, 25 in Minnesota and the Dakotas, 9 in Nebraska and Colorado, 7 in Missouri and Arkansas, 33 in Texas and Oklahoma, 35 in various Southern States.

If you want to buy, send for our classified list of farms for sale. **McBurney, Stocking & Co., 277 Dearborn St., Chicago, Illinois.**

MISSOURI FARMS.
For sale or exchange in Morgan county, where corn, clover and bluegrass grow to perfection. Prices from \$10 to \$65 per acre, on liberal terms. Write for county map and list, both free.

CREWSON & HARRISON, Versailles, Mo.

IN THE OZARKS.
Dairy, truck, poultry and fruit lands, \$5 to \$50 accordingly, on terms to suit. I own over 10,000 acres and can give you what you want. Large illustrated folder, list and maps free.

P. H. RUCKER, Rolla, Mo.
DO YOU WANT TO SELL YOUR FARM?
Write us, we will give you good information. Hoffman's Compiled List Report, 323 Sedgwick Block, Wichita, Kan.

WEBSTER COUNTY, MO., farm lands, \$20 up. Prices advancing rapidly. Now is the time to buy. Our land list gives prices and descriptions. Free list with map if desired. **R. S. Phillips & Co., Marshfield, Mo.**

MISSOURI.
The home of corn, clover, bluegrass and fat stock. Lands in the heart of this great state for less than Central or Northeastern Kansas lands. Write for list, sent free upon request.

BARTHOLOMEW & SLACK, Calhoun, Missouri.

MISSOURI FARMS.
Well improved farms in best farming section of Missouri, \$50 up. Ranches \$10 to \$25. Natural home of corn, clover and bluegrass. Abundance of pure spring water. Descriptive price list free.

J. H. FREDERICK, Cole Camp, Benton Co., Missouri.

MISCELLANEOUS FOR SALE and EXCHANGE COLUMN

BUY OR TRADE with us. Send for list. **BERSIE-MEREDITH, Eldorado, Kansas.**

FOR SALE AND EXCHANGE.
Kansas and Missouri farms for city property, stocks merchandise, and other farms. Describe what you have; will make you a good trade. List your farms for exchange with us. **R. R. Woodward Real Estate & Investment Company, 264 N. Y. Life Bldg., Kansas City, Mo.**

FOR SALE OR EXCHANGE.
Northeastern Kansas corn, clover and bluegrass farms, stocks of merchandise, etc., for other good propositions. Lands are steadily advancing in price; now is the time to invest. Write or see us.
C. W. HINNEN REALTY CO., Holton, Kansas.

FOR EXCHANGE.
One square section western Kansas, 300 cult., 100 for fall wheat; all smooth land; best of soil. Price is \$12.50 per acre; inc. \$1,700. Want hardware northern Kansas or southern Neb. for equity.
LEWIS & ELDRED, Phillipsburg, Kansas.

STOCK MERCHANDISE FOR SALE.
Good, clean stock merchandise in Northeastern Kansas town. Will invoice about \$10,000. Want land, Eastern Kansas farm preferred. Other snaps. Write me your wants.
O. C. PAXSON, Meriden, Kansas.

FOR EXCHANGE.
A 7 room, modern new house in Mt. Washington Addition, Kansas City, Mo., for Missouri land. Price \$3,500. 5 room house and one lot, on car line, in Joplin, Mo., for Mo. land. Price \$3,000. Many other good propositions in Oklahoma lands.
J. JOE CAVEN, Fargo, Okla.

FOR EXCHANGE.—Wild lands, farms, city property and stocks of merchandise, for other good propositions. Describe what you have to offer. Exchange list free. **H. B. Wann, 203 Campbell, Springfield, Missouri.**

POLLED DURHAM CATTLE

BELVEDERE X2712-195058

Son of the \$1,500 Grand Victor X1635 150364 heads my herd of Double Standard Polled Durhams. A few extra good, blocky, thick-fleshed young bulls for sale. Inspection invited. Farm adjoins town.

D. C. VAN NICE, Richland, Kan.

JERSEY CATTLE

LINSCOTT JERSEYS

offers a few choice cows in milk and some bred heifers. Milk and butter records accurately kept.

R. J. LINSCOTT, Holton, Kansas.

Jerseydale Stock Farm

Imported and American Bred Jerseys.
Carthage, Mo.

PHIL HANNUM, JR., OWNER.

I am offering a yearling bull, ready for service, out of a five-gallon cow bred along the same lines as the cow that won at the World's Fair at a very reasonable price. Write today if you are in need, as I price stock at figures that sell them.

Grade Jerseys bought on commission.

JERSEY BULL FOR SALE

Vic's Stockwell 91762, sired by the \$2,100 Beatrice Stockwell, he by the \$11,500 Stockwell. The dam of Vic's Stockwell is Silverline's Vic by the \$1,500 World's Fair prize-winner, Silverline Lad. Dropped Feb. 25. Splendid form, and of excellent conformation. Tuberculin tested. Write for extended pedigree and price.

JOHNSON & NORDSTROM, or Jesse Johnson, Clay Center, Kan.

I have ready for service a few grandsons of Merry Maiden's Third Son, Financial Count, Eurybia's Son and Fountain's Eminent. Prices and extended pedigrees upon application. These bulls will make excellent dairy sires and are fit to head any herd registered in A. J. C. C.

W. N. BANKS, Independence, Kan.

KRAMER'S JERSEY CATTLE.
For sale—Jearsey bull calf 6 months old. Mulberry fawn, nice individual, sired by Eyrine's Buster 88548, an intensely bred St. Lambert bull, nine of his nearest dams having average record of 21 pounds butter for one week, dam of calf flying Fox breeding with record of 40 pounds of milk. Will price reasonable.

D. A. KRAMER, Washington, Kan.

RED POLLED CATTLE

CHOICE RED POLLED CATTLE.
Herd the oldest in Marshall county. The best in breeding and individuality. Stock for sale at all times.

AULD BROS., Frankfort, Kansas.

RED POLLED CATTLE.
A few choice young bulls for sale; also a few cows and heifers.

C. E. FOSTER, Eldorado, Kansas.

ANGUS CATTLE

80 Angus Bulls

OF SERVICEABLE AGE.
Herd Headers and Range Bulls. Many of them by Champion Itos.

SUTTON FARMS, Lawrence Kan. 500 HEAD IN HERD.

SHORTHORN CATTLE

10-SCOTCH BULLS-10

from 10 to 14 months old. One roan, 9 reds, sired by show bulls and out of show cows. Must be sold to make room. Priced at \$75 to \$125. These are all good. I make steers out of my poor ones. Come at once. They will suit you.

COL. ED. GREEN, Florence, Kan.

REGISTERED SHORTHORNS.
55 head in herd, a few choice cows and heifers for sale. Pure Scotch breeding. Priced reasonable to reduce herd.

JOHN W. TREADWAY, Kincaid, Kansas.

SHORTHORNS

A few choice heifers for sale, nicely bred and good individuals, priced reasonable. Write or come and see my herd.

C. H. WHITE, Burlington, Kan.

FOR SALE.

Five extra good Scotch and Scotch Topped bulls, 10 months old. Roans and reds, sired by Victor Archer and Forest Knight by Gallant Knight. Priced right.

STEWART & DOWNS, Hutchinson, Kansas.

Center Grove Stock Farm

Scotch Shorthorn cattle and 20 bred sows and a few good spring boars of large type Poland China hogs. Write me what you want. No trouble to answer letters. Bell phone.

J. W. PELPHREY & SON, Route No. 6, Chanute, Kansas.

HUMBOLDT NATIONAL STOCK FARM.

Shorthorn cattle, large type Poland China hogs, 10 spring boars, priced right. Write me your wants. I meet parties at trains. We can do business. Come and see me.

H. F. PELPHREY & SON, Humboldt, Kansas.

SHORTHORN BULL FOR SALE.
Sired by Lord Mar and out of a Red Knight cow. Also cows and heifers. 75 choice Poland China pigs to select from.

S. B. AMCOATS, Clay Center, Kan.

HOLSTEIN CATTLE

ALBA DAIRY 125 HEAD REGISTERED HOLSTEIN-FRIESIANS

LARGEST HERD OF THIS BREED IN IOWA.

Barns Sanitary—Herd Tube culin Tested Twice Yearly.
At the head of herd King Segis Hengerveld Vale, who is son of the famous King Segis (sire of 3 record-breaking daughters), grandson of Hengerveld De Kol (sire of 100 A. R. O. daughters, 4 above 30 lbs.), great grandson of Sadie Vale Concordia, the first 30-lb. cow. A. R. O. COWS FOR SALE. Young and sound, free from disease. Large official milk and butter records; rich breeding; splendid individuality. **BULL CALVES FOR SALE** from 1 to 6 months old.

J. C. GUTHRIE, SHENANDOAH, IOWA.

ROCK BROOK HERD

offers bargains in a carload of cows and heifers and a few bulls 8 to 16 months old. All tuberculin tested.

ROCK BROOK FARM, Station B, Omaha, Nebraska.

HOLSTEIN CATTLE.
The Most Profitable Dairy Breed. Illustrated descriptive booklets free. Holstein-Friesian Ass'n of America.
F. L. HOUGHTON, Sec., 114 Brattleboro, Vt.

DUROC JERSEYS

DUROC JERSEYS

RIVER BEND HERD DUROCS.
Headed by Fitch's Kant by Kant Be Beat and out of a son by Ohio Chief, one of the best individuals and breeders in the state. Let me know your wants.
W. T. FITCH, Minneapolis, Kan.

ALFALFA STOCK FARM DUROCS

Over 300 head of spring pigs now on the farm, the sires of which were sired by such boars as Ohio Chief, Billie K., Prince Wonder and from sows equally well bred. Fifty boars have been selected from a bunch of 200 and reserved for breeding purposes. Will quote you prices on single animals or in any size lots to suit. Address

PEARL H. PAGETT, Beloit, Kansas.

BRED SOWS AUGUST FARROW.

Duroc sows and gilts sired by Bell's Chief 4th and bred to richly bred boars. Will sell and ship when safe.

FRANK VETISKA, Pawnee City, Nebraska.

CHOICE DUROC BRED SOWS FOR SALE.
Among them my show sow Ellere 70424, safe in pig to Tom Davis for fall litter; also fine lot of spring pigs. Write your wants.

O. A. TILLER, Pawnee City, Nebraska.

CROW'S DUROC JERSEYS.
Herd headed by Climax Wonder, he by Missouri Wonder. 100 head to select from. Prices reasonable. The electric car runs within three blocks of my farm. Come and see my herd at any time.

W. R. CROW, Hutchinson, Kansas.

JEWELL COUNTY HERD.
Headed by Bonney K. 47075, all prominent blood lines represented. Fall sale Oct. 27. Sow sale Feb. 1, 1911.

W. E. MONASMITT, Formosa, Kansas.

SAMUELSON BROS.' DUROCS.
Fifty spring boars for sale, the pick of 300 head of spring pigs, sired by 10 different sires; good, growthy fellows; heavy bone; the best of color; good quality. We can suit you in blood lines and quality. Our price right. Come and see or write us. Samuelson Bros., Cleburne, Kan.

R. & S. FARMS 156 Spring Pigs, sired by King of Kant Be Beat No. 38333, and Golden Ruler No. 80555. Write your wants. Fall sale Oct. 29. Bred sow sale Feb. 3, 1911.

RLNEHART & SON, Smith Center, Kansas.

FOR SALE!

Tried sows and bred gilts. Bred to Fancy Boy 85187, who is also for sale, a large bone fellow, has a 900 pound frame. A few spring boars. Two fall boars sired by Mo. Wonder King 52903, a 1000 pound boar.

MR. AND MRS. HENRY SHRADER, Bogue, Kansas.

DUROC SOWS and GILTS

30 fall gilts by G. C.'s Kansas Col. and 15 yearling and mated sows, all by noted boars. Will sell and hold until safe for fall litter. Also 10 fall boars, tops of our fall crop.

CHAPIN & NORDSTROM, Green, Clay County, Kansas.

SPRING BOARS AND GILTS.
Best of breeding and top quality. Some early spring boars—good, strong, growthy fellows—will be priced right. By such boars as Agta Top Notcher, Paul Jumbo, Bonney K. and I Am a Bonney K.; also gilts of equal breeding quality and size, priced right. Address

W. C. WHITNEY, Agra, Kansas.

HORSES AND MULES

SHETLAND PONIES FOR SALE—20 imported stallions and few bred mares. We have recently returned from Scotland with the finest importation of ponies ever brought to Nebraska. Write for private sale catalog. **CLARKE BROS., Auburn, Neb.**

PERCHERONS REGISTERED.

A choice lot of two-year-old fillies in matched teams; will breed them to any of my herd stallions; will sell 18 or 15 yearlings, all registered and of the best blood lines. Every animal sold sound.

J. W. BARNHART, Butler, Mo.

HOLSTEIN CATTLE

ALFA DAIRY 125 HEAD REGISTERED HOLSTEIN-FRIESIANS

LARGEST HERD OF THIS BREED IN IOWA.

Barns Sanitary—Herd Tube culin Tested Twice Yearly.
At the head of herd King Segis Hengerveld Vale, who is son of the famous King Segis (sire of 3 record-breaking daughters), grandson of Hengerveld De Kol (sire of 100 A. R. O. daughters, 4 above 30 lbs.), great grandson of Sadie Vale Concordia, the first 30-lb. cow. A. R. O. COWS FOR SALE. Young and sound, free from disease. Large official milk and butter records; rich breeding; splendid individuality. **BULL CALVES FOR SALE** from 1 to 6 months old.

J. C. GUTHRIE, SHENANDOAH, IOWA.

SUNFLOWER HERD HOLSTEIN-FRIESIANS.

Do you need a high class bull ready for service whose three nearest dams average from 26 lbs. to over 29 lbs. butter in 7 days? I have them for sale. Also choice bull calves 6 to 10 months old, and a limited number of choice A. R. O. cows to offer. Might spare a few bred heifers. Holsteins are the most profitable cattle—figures prove it.

F. J. SEARLE, Okauchosa, Kansas.

DUROC JERSEYS

RIVER BEND HERD DUROCS.
Headed by Fitch's Kant by Kant Be Beat and out of a son by Ohio Chief, one of the best individuals and breeders in the state. Let me know your wants.
W. T. FITCH, Minneapolis, Kan.

ALFALFA STOCK FARM DUROCS

Over 300 head of spring pigs now on the farm, the sires of which were sired by such boars as Ohio Chief, Billie K., Prince Wonder and from sows equally well bred. Fifty boars have been selected from a bunch of 200 and reserved for breeding purposes. Will quote you prices on single animals or in any size lots to suit. Address

PEARL H. PAGETT, Beloit, Kansas.

FAIRVIEW STOCK FARM

The home of big, smooth, richly bred Durocs. 100 choice spring pigs sired by Monarch's Choice 91977 and Crimson Rule 91975. Public sale Oct. 25. Write for description and prices.

J. B. DAVIS, Fairview, Kansas.

ANDERSON'S HIGH-CLASS DUROCS.
Choice spring pigs sired by three great boars, for sale at reasonable prices. For information write

C. O. ANDERSON, Manhattan, Kan.

BERKSHIRES

STALWART DUKE 117874 heads our Berkshires. He formerly headed the Kansas Agricultural herd. His sire was Silvertip's Revelation by Revelation. His dam was Hood Farm Duchess 18th 93300. Choice lot of spring pigs for sale. **J. M. NIELSON, Marysville, Kan.**

RIVERSIDE FARM BERKSHIRES.
Herd headed by Kansas Baron and Unedda's Longfellow. A few choice spring pigs for sale. You will find herd headers among them.

RAYMOND G. BROWN, Minneapolis, Kansas.

SPRINGBANK DUROC JERSEYS.

Headed by W. H.'s Col., first prize junior yearling boar Hutchinson State fair, 1909, assisted by Chief's Orion, third prize aged boar.

Sow Sale—Ten tried sows by Chief Orion bred to W. H.'s Col. Come and see them.

W. H. WILLIAMSON, Raymond, Kan.

OHIO IMPROVED CHESTERS

MISSOURI VALLEY HERD O. I. C. SWINE
A few choice March and April pigs left. Everything not sold by September 1st reserved for October sale. Pedigrees recorded free.

J. M. DRYDEN, Phelps City, Missouri.

MOSSE OF KANSAS

Kansas Herd of Improved Chester Whites.
ARTHUR MOSSE, Leavenworth, Kansas.

MAPLE LEAF CHESTERS.
Am making special prices for a short time on boar pigs. A few choice gilts and young sows for sale. Write your wants.

R. W. GAGE, R. D. 5, Garnett, Kan.

Lafayette County Jack Farm

One mile from town.

50 JACKS

Two to five years old, my own breeding, for sale at private treaty.

65 JENNETS

Safe in foal to Dr. McCord. My prices will move them.

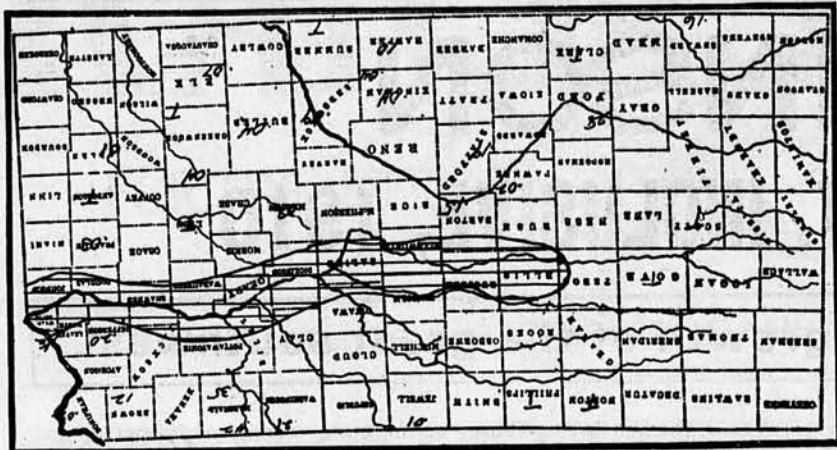
In my March sale jacks sold up to \$1,625. In my present offering are many that are better. I cordially invite jack buyers to come and see this offering, or write me for further particulars and prices. Address

W. J. FINLEY, Higginsville, Mo.

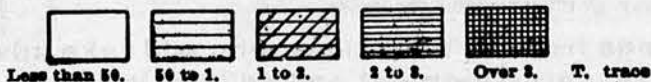


KANSAS CROP REPORT and Rain Fall for week ending August 27

Rain chart prepared by T. B. Jennings from reports collected by the Weather Bureau.



SCALE IN INCHES.



General Conditions.

This has been the hottest week during the month, the temperature reaching 100 degrees in all but the most eastern counties, and on from one to four days during which some very high temperatures were recorded, among the higher being Ashland, 105 degrees; Medicine Lodge, 107 degrees; Anthony, 107 degrees; Macksville, 107 degrees; Larned, 107 degrees; Ellinwood, 107 degrees; Hays, 105 degrees; Gove, 105 degrees; Phillipsburg, 105 degrees; Norton, 105 degrees; Rome, 105 degrees. The temperature began falling by the 25th and on the morning of the 26th had fallen so low that light frost was reported in many lowlands even as far south as Cowley county, while in Smith county ice froze as thick as window panes. Light, scattered showers occurred over most of the state.

One storm passed down the Smoky Hill and Kaw valleys, precipitating generally more than half an inch of rain, while from Manhattan to Topeka and eastward it proved to be the severest electrical storm in some years.

Th crop reports are generally of an encouraging nature.

Results.

Eastern Division.

Allen—Corn reviving.
Anderson—Fine weather for haying. Needing some rain for corn and pastures.
Chautauqua—Condition more favorable.
Coffey—Fine weather for haying and plowing, and ground in fine condition for latter.

Elk—A hot week, ending cool. A good shower on 25th. Pastures in good shape.
Franklin—High temperatures first of week, cool latter part, with light shower on 24th.

Greenwood—Light showers on 19th, 23d and 25th. Hot fore part of week, cool latter part.

Jefferson—Rain sufficient for corn, pasture and plowing. Prospects good for a fair to good corn crop. Prairie haying in full operation.

Linn—Again needing rain for corn, pastures and plowing for wheat. Corn promises about half a crop.

Lyon—Hot much of week, cool last days. Light showers 23d and 25th. Good weather for haying and fall plowing. Ground in good condition.

Marshall—A fine growing week, with ground in good condition for plowing. Pastures and tame grass good. Corn is developing very satisfactorily, many stalks with partially burst tassels are earring. Tomatoes producing well. Prairie hay has made poor showing.

Montgomery—No rain, but plenty of moisture in ground. All crops doing well. Plenty of fruit of good quality.

Nemaha (late)—Nearly three-fourths inch rain on 24th. Large acreage of alfalfa being sown. Corn doing as well as could be expected.

Shawnee—Hot and sultry fore part of

week. Fine rain middle of week, cool last part. Corn is doing splendidly, but some hay is damaged.

Woodson—Pastures good. Late corn and Kafir corn doing well. Prairie hay about all out.

Middle Division.

Barber—Good week for plowing and fine for threshing. Hot winds for about four hours on 23d.

Barton—Wheat ground nearly all plowed. Some getting weedy. Corn filling badly. Grapes ripening, a plentiful crop. Apples are a good crop, but falling badly. Fine weather for prairie haying; crop short.

Ellis—Hot much of week, with maximum temperature of 105 degrees. This is an experiment station that doesn't like to experiment that way. However, good showers by 24th and cooler after.

Harper—Week had been very hot, but has ended with a light rainfall and big drop in temperature. There has been an abundant crop of peaches, grapes and apples. Corn crop is now estimated at from 30 to 50 per cent.

Jewell—Corn has improved 50 per cent or more. Cloudy and cool half of the time, with dew nearly every night.

Kingman—Ground getting quite dry for plowing. Vegetation doing well.

Marion—Good corn weather the past week. Threshing is being pushed. Alfalfa seed is small yield. Apples plenty, with no market. Peaches scarce and selling for \$1.25 to 1.50 per bushel.

Pawnee—Farmers busy this week plowing for fall sowing; about half done.

Phillipsburg—Very hot week, cooler last days. Grasshoppers and chinch bugs are bad. There will be some corn in north and south parts of county, but it is dried up in the middle part.

Sumner—Plowing nearly all done. Cold wave struck us Wednesday night.

Washington—Our corn crop is very fine and will be a good crop.

Western Division.

Clark—Ground in good condition and being prepared for fall seeding.

Decatur—Hot and dry again, with temperature above 100 degrees on four days. Growing vegetation at a standstill. Thousands of acres ready for fall sowing. Much corn being cut up for feed.

Gove—Hottest week on record. Some corn still green. Wheat turning out better than was expected. Gove county will have one-half million bushels.

Norton—Corn harvesting is now progressing.

Scott—Fine growing weather. All crops doing well. Brown corn, milo maize and cane could not look better.

Seward—Fall crops in A 1 condition except some damage from high wind night of 24th-25th, with the cold wave.

Wallace—Hot week. Fine on all crops since the rains last week. Foggy from 12 to 6 p. m., with electric storm from 4 to 6 p. m. on the 25th.

Duces.

Sept. 14—Ralph Varney, Bennett, Neb.
Oct. 19—G. Van Patten Sutton, Neb.
Oct. 25—Leon Carter, Asherville, Kan.
Oct. 26—P. H. Pagett, Beloit, Kan.
Oct. 27—W. E. Monasmith, Formosa, Kan.
Oct. 29—Rinehart & Slagle, Smith Center, Kan.

Oct. 31—White Bros., Buffalo, Kan.
Oct. 25—J. B. Davis, Fairview, Kan.
Nov. 15—J. L. Williams, Bellaire, Kan.
Nov. 15—J. E. Joines, Clyde, Kan.
Nov. 19—Phillip Albrecht, Smith Center, Kan.

Jan. 30—A. T. Cross, Guide Rock, Neb.
Jan. 31—Ward Bros., Republic, Kan.
Feb. 1—W. E. Monasmith, Formosa, Kan.
Feb. 2—Thompson Bros., Garrison, Kan.
Feb. 2—G. P. Phillips, Esbon, Kan.
Feb. 3—Rinehart & Slagle, Smith Center, Kan.

Feb. 4—W. C. Whitney, Agra, Kan.
Feb. 6—J. L. Williams, Bellaire, Kan.
Feb. 8—O. A. Tiller, Pawnee City, Neb.
Feb. 9—Samuelson Bros., Cleburne, Kan.
Feb. 10—Samuelson Bros., Blain, Kan.
Feb. 13—T. E. Goethe, Leonardville, Kan.
Feb. 14—Chapin & Nordstrom, Green, Kan.

Sale at Clay Center Kan.
Feb. 15—Leon Carter, Asherville, Kan.
Feb. 16—W. T. Fitch, Minneapolis, Kan.
Feb. 17—L. E. Boyle, Lindsey, Kan.
Feb. 22—Phillip Albrecht, Smith Center, Kan.

Poland Chinas.

Sept. 20—J. D. Spangler, Sharon, Kan.
Oct. 8—Bert C. Wise, Falls City, Neb.
Oct. 12—W. B. Stafford, Bronson, Kan.
Oct. 13—Bert Wise, Reserve, Kan.
Oct. 14—T. J. Dawe, Troy, Kan.
Oct. 15—J. B. Whipple, Fall City, Kan.
Oct. 15—H. C. Dawson's Sons, Enslcott, Neb. Sale at St. Marys, Kan.
Oct. 17—A. R. Enos, Romona, Kan.
Oct. 18—Herman Groninger & Sons, Bendena, Kan.
Oct. 19—A. B. Garrison, Summerfield, Kan.
Oct. 20—Hubert J. Griffiths, Clay Center, Kan.
Oct. 21—J. M. Ross, Valley Falls, Kan., and W. E. Long, Ozawie, Kan. Sale at Valley Falls, Kan.
Oct. 22—Ell Zimmerman, Hiawatha, Kan.
Oct. 24—W. F. Fulton, Waterville, Kan.
Oct. 25—W. C. Singer, Hiawatha, Kan.

J. D. Spangler's Large Type POLAND CHINA PIG SALE

"SHARON, KANSAS

Tuesday, Sept. 20, 1910

60 Head. 30 High-Class Spring Boars and 30 Growing Spring Gilts, 60 Head.

These are the big, smooth, easy feeding kind. Good boned, good backs, good hams and loins, good feet and heads, also sleek coats, and they have plenty of style and quality right along with this extra size and bone. They are sired by such noted boars as Spangler's Hadley, one of the greatest breeding boars in the state today. Others by A Wonder, the great 1,200 lb. Wheeler hog. Some are by Columbia Chief 2d, the boar that made such a reputation in Wheeler's Mastodon herd. Others are by Bell Metal and Sharon Tec. by Big Tec. They are out of the largest and best sows Mr. Spangler ever owned, including Lady Mastodon, 32d, Mastodon Maid 8th, Lady Columbia 1st, Lady Wonder 6th, Mastodon Maid 42d, and others of like size. They have been raised on alfalfa pasture, with plenty of fresh water, and just enough corn to keep them growing good. They will be in splendid condition sale day to go out and make good for the purchaser. Visitors from a distance met at Attica and Sharon. Sale held in pavilion rain or shine. For catalogs address:

Auctioneers: Col. R. L. Harriman, Bunceton, Mo.; Col. John D. Snyder, Winfield, Kan.; Col. S. F. Bowman, Sharon, Kan. Send bids to Kansas Farmer fieldman, O. W. Devine, Topeka, Kan., who will treat you right.

For catalogues address

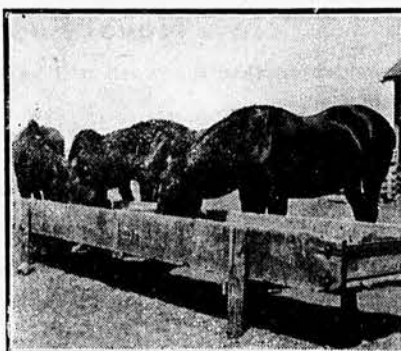
J. D. SPANGLER, Sharon, Kansas

Mention Kansas Farmer.

Oct. 26—W. R. Webb, Bendena, Kan.
Oct. 26—G. M. Hull, Garnett, Kan.
Oct. 27—F. A. Tripp & Son, Meriden, Kan.
Oct. 27—Walter Hildwein, Fairview, Kan.
Oct. 28—J. H. Harter, Westmoreland, Kan.
Oct. 28—J. R. Berkey, Louisville, Kan.
Nov. 1—J. H. Hamilton & Son, Guide Rock, Neb.
Nov. 1—H. B. Walter, Effingham, Kan.
Nov. 1—H. F. Pelphrey, Humboldt, Kan.
Nov. 2—J. W. Pelphrey, Chanute, Kan.
Nov. 2—Albert Smith & Sons, Superior, Neb.
Nov. 2—H. W. Griffith, Clay Center, Kan.
Nov. 2—R. J. Peckham, Pawnee City, Neb.
Nov. 3—The Mortons, Tampa, Kan.
Nov. 3—George W. Smith, Burchard, Neb.
Nov. 3—D. W. Evans, Fairview, Kan.
Nov. 4—W. A. and C. Z. Baker, Butler, Mo.
Nov. 4—Bert C. Wise, Reserve, Kan.
Nov. 4—G. W. McKay, Laredo, Mo.
Nov. 5—Fuller Bros., Humphreys, Mo.
Nov. 5—Poland China boar sale, W. B. Van Horn, Overbrook, Kan.
Nov. 9—T. J. Meisner, Sabetha, Kan.
Nov. 10—W. R. Stump, Blue Rapids, Kan.
Nov. 11—S. B. Amcoats, Clay Center, Kan.
Nov. 16—W. A. Frewett, Asherville, Kan.
Nov. 19—G. W. Roberts, Larned, Kan.
Jan. 18—H. F. Pelphrey, Humboldt, Kan.
Jan. 3—J. M. Collins, Garnett, Kan.
Jan. 19—J. W. Pelphrey, Chanute, Kan.
Jan. 20—Roy Johnston, South Mound, Kan.
Nov. 23—W. D. McFarland, Chase, Kan.
Nov. 23—C. H. Pilcher, Glasco, Kan.
Jan. 26—W. R. Stump, Blue Rapids, Kan.
Feb. 7—J. M. Ross and W. E. Long, Valley Falls, Kan.
Feb. 8—H. B. Walter, Effingham, Kan.
Feb. 8—T. J. Charles, Republic, Kan.
Feb. 9—Albert Smith & Sons, Superior, Neb.
Feb. 9—H. C. Graner, Lancaster, Kan.
Feb. 10—J. E. Bowser, Abilene, Kan.
Feb. 10—J. H. Hamilton & Son, Guide Rock, Neb.
Feb. 16—J. H. Harter, Westmoreland, Kan.
Feb. 17—Bred sows, B. VanHorn, Overbrook, Kan.
March 4—C. H. Pilcher, Glasco, Kan.

Varney's Duroc Sale.

The opening gun of the sale season will be fired at Bennett, Neb., on September 14 by Ralph Varney, at which time he will sell 9 fall boars and 18 fall gilts by Valley Chief he by Ohio Chief and out of such dams as the famous DeZerta, Miss Hanley by Hanley, Second Prize by Belle's Model, Briggs' Choice by Morrison's Belle Top and other dams of equal breeding. Eight of the fall gilts are bred to Royal Critic for September farrow. This lot of fall boars and gilts are extra good, are just in breeding condition, and will do the buyers good; are good and growthy and second to none in quality and breeding. The spring boars and gilts are sired by Royal Critic, Mr. Varney's herd boar, and three by Sam Davis out of a Commodore dam. Plan to attend this sale and you will not be disappointed in the hogs. Free livery can be had for those unable to get to Bennett by rail in time for the sale from College View and Hickman. Write for a catalogue. They are interesting and give full breeding and other particulars. If unable to attend, send bids to R. G. Sollenbarger, in care of Mr. Varney. Watch for field note next week.



The group of imported Percheron mares given herewith is owned by George B. Ross of Alden, Kan., and contains two 3-year-old fillies which now weigh over 3900 pounds. They are in excellent condition and Mr. Ross will make the show circuit with them this season.

Will Sell Prince Hadley.

Kansas Farmer readers will be surprised to know that W. C. Singer, the successful big type Poland China breeder located at Hiawatha, Kan., has decided to include his great breeding boar in his October 25 sale. Prince Hadley is conceded to be one of the very best sons of the noted Big Hadley, and it is extremely doubtful if there is a stronger breeding boar in Kansas. His get has proven valuable and made good in the hands of some of the best breeders in Kansas, and the breeder who is far-sighted enough to buy him at anything like a reasonable figure will make the hit of the season. Mr. Singer writes that the pigs are doing fine and will have lots of size by sale day. It will be all right and, in fact, the proper thing to fit your application now for catalogue of this sale.

W. J. Finley at Home With One of His Pigs.



The above likeness is W. J. Finley of Higginsville, Mo., one of the leading jack and jennet breeders of Missouri. Mr. Finley is original in all his business methods. He looks ahead and builds for success. The Lafayette Jack Farm, one mile east of Higginsville, Mo., is starting an advertisement in this issue of Kansas Farmer. Fifty head of high-class registered black jacks will be offered at reduced prices for fall sale. Every animal will be registered and guaranteed as represented. The guarantee of W. J. Finley means something. Not only does Mr. Finley stand back of this opportunity with his good reputation, but he owns 800 acres of well-improved land in Lafayette county. When you buy a jack from Mr. Finley you get a guarantee worth something. Mr. Finley breeds and raises more jacks than any other breeder in Missouri. He now has over 100 head of jennets on his farm. He raises 40 to 50 jacks each year from this bunch. You take no risk when you buy a jack from Mr. Finley. Every one is a black one with size and quality. Look up ad in this issue and write for prices, or you better go right to the farm, 55 miles east of Kansas City, Mo., on main line C. & A. Ry. and M. O. Pacific Ry. Kindly mention Kansas Farmer when you write.

Col. F. J. Zaun.

In this issue of Kansas Farmer F. J. Zaun of Independence, Mo., starts a card. Col. Zaun is an able auctioneer and has sold for some of the best breeders in the corn belt. Col. Zaun speaks German fluently and is a gentleman in any company. Breeders will make no mistake if they employ Col. Zaun for their next sale. See ad in this issue and write him for date. Kindly mention Kansas Farmer.

Choice Poland Chinas.

In this issue of Kansas Farmer will be found the Poland China ad of E. J. Mander-schid, of St. John, Kan., offering for sale a few choice bred sows and gilts from the most fashionable breeding and prize-winning blood lines. Prices are very reasonable for high-class individuals, with both size and quality combined into the easy-feeding type of Poland Chinas. Write for prices and description. Kindly mention the Kansas Farmer.

FIELD NOTES

FIELD MEN.

O. W. Devine.....Topeka, Kan.
Jesse R. Johnson.....Clay Center, Kan.
R. G. Sollenbarger.....Woodston, Kan.



PURE BRED STOCK SALES.

Horses.

Oct. 26—W. S. Corsa, Whitehall, Ill.

Percherons, Belgians and Shires.

Nov. 8—Sale at farm. J. C. Robison, Towanda, Kan.
Jan. 10, 11, 12, 13, 1911—Breeders' Sale Co., Bloomington, Ill.
Feb. 28 and March 1, 2, 3, 1911—Breeders' Sale Co., Bloomington, Ill.

Percherons.

Oct. 10—J. W. Barnhart, Butler, Mo.
Oct. 27—W. H. Ritter, R. 4, Colfax, Ill.

Hereford Cattle.

Oct. 14—American Royal, C. R. Thomas, Mgr., Kansas City, Mo.
Nov. 10—T. I. Woodall, Fall River, Kan.
Nov. 15—O. Harris, Harris, Mo.

Holstein Cattle.

Feb. 7, 8, 1911—Rock Brook Farm, Sta. B, Omaha, Neb., 150 head will be offered.

Jersey Cattle.

Sept. 1—Golden Sunrise Farm, Kansas City, Mo.

Shorthorn Cattle.

Nov. 15—J. E. Joines, Clyde, Kan.
Feb. 8—T. J. Charles, Republic, Kan.
Feb. 22—Phillip Albrecht, Smith Center, Kan.

KANSAS STATE FAIR

HUTCHINSON

SEPTEMBER 10 TO 17, INCLUSIVE, 1910

The exponent of the progress and growth of the great southwest

The New Grounds are being fitted at an expense of \$60,000.00 to make this great Fair, located in the center of the state, worthy of its patronage. The grounds will be ready on time. From reservations of stalls and pens and concession spaces outside and inside of buildings and also space in machinery department, it promises beyond a doubt that the 1910 Fair will excel any of the previous successes.

The gates of Hutchinson swing inward for the throngs from all directions who will take advantage of the opportunity afforded for a week's outing of pleasure, entertainment and edification.

\$40,000 in Premiums

Is bringing the greatest agricultural and live stock exhibit as well as collateral features that was ever promoted in this state. Competition at this Fair is open to the world. It will represent the best there is in every line of the varied industries which our people pursue. To visit and study it for a week amounts to a liberal education. No one, regardless of what his or her business may be, can afford to miss it.

All people learn more from what they see and hear than from any other educational method. The comparison of the exhibits representing the best in any class from the textile fabrics to the Shorthorn division is educational. It is especially beneficial to the young because it shows them the ideal and teaches them to aspire to produce the best, not only because it is honorable, but because it is the most profitable.

The Racing

Will be of the highest class. The Futurity Colt stakes for \$5,000.00 was secured for a feature of this Fair at an expense of \$1,570. These races, a trot and a pace for two-year-olds for \$5,000.00, are the first futurities ever promoted by a Fair Circuit in the United States. Fifty-five colts are paid up and ready for the test of speed. They represent the richest blood of the great southwest. There will be three great harness horse races every afternoon and also four running races. The running races this year will be conducted under the rules of the Central Jockey Club with P. A. Brady of St. Louis as Presiding Judge, Arthur McKnight of Kansas City as Starter, and Dr. A. E. Flowers of Dallas, Texas, as Manager of the Races and Racing Secretary. The races will be conducted with the jockeys in uniform and a parade precedes each race. The thoroughbreds that will be here will out-class anything ever before entered in the races in this state. They come from various sections of the great central west, from breeding farms where they breed the best. This is a new feature of the Fair here and really introduces the thoroughbred into Kansas properly for the first time.

The Automobile Show

Will be worthy of the attention of every one interested in fast going vehicles. The entries are being made by the strongest and most representative firms doing business in this section. Seven out of every eight men who will buy automobiles in the great southwest during the next year or two will be visitors to this show. A new building is just now being constructed to properly care for this magnificent exhibit.

Never before have the people had such an opportunity of seeing up-to-date farm implements and machinery. The great manufacturers are in keen competition to present the best and they will be present here in greater numbers than ever before. Already practically all the ground space that is devoted to this great feature of the Fair has been taken and it will afford an unprecedented opportunity to see and study the best the inventive genius of this country has produced. The tractors alone will be worth your time and trouble.

On Friday forenoon the parade of prize-winners will occur and every one should be present and take a free seat in the grandstand to witness it. This has come to be one of the popular features of the entire week.

Patterson's Great Carnival

Of twenty shows will furnish the amusement and entertaining features of the week and the riding devices for the children. The trained animal shows will be on the ground the entire week. The band of trained elephants will perform free daily.

Clark's Shetland Ponies

Trained for all sorts of stunts including Roman Chariot Racing, will perform every day as a free attraction.

The United States' Exhibit in Forestry

Will present one of the most beautiful hour's entertainment of moving pictures ever produced. It will also be free to all.

The Kansas State Board of Health

By its Secretary, Dr. Crumbine, will have a tent on the ground full of interesting exhibits and a lecture will be delivered twice each day on questions relating to public health. This will be free also.

Pain's Fireworks

Will turn the nights into a dream of beauty five nights of the week, beginning Monday.

Ferullo's Great Band

The greatest music organization now touring America will be with us five days. ON SUNDAY afternoon and evening they will play their opening concerts. No grander sacred music was ever heard than this Band will make on this occasion. The order on the grounds will be in perfect accord with the day and perfectly quiet during these concerts.

Other Bands From Other Places

Will be on the grounds each day, and Major Hendershot and Son, the greatest drummer and fifer in the world, will play their role of selections at various times throughout each day.

New Novel Features and Exhibits

Will be found in every department—so much so that the week will be one requiring all your time in a recreational, educational and inspirational way.

Special Train Service

Is arranged over all lines of railroad. All exhibits, including show horses and mules will be shipped to this Fair and returned by payment of one freight rate.

To the end that the new Liberal Arts Building may be made most attractive, we urged the ladies to make their entries in the various departments at an early date. Books will be open at the Secretary's office to make entries during the week beginning September 5th.

It is Hutchinson's great week and the people living in the trade territory of Hutchinson will be thrice welcomed.

For information call on or address,

A. L. SPONSLER, Secretary

H. S. THOMPSON, President