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Kansas Short 100,000 Cows

By J. C. Mohler

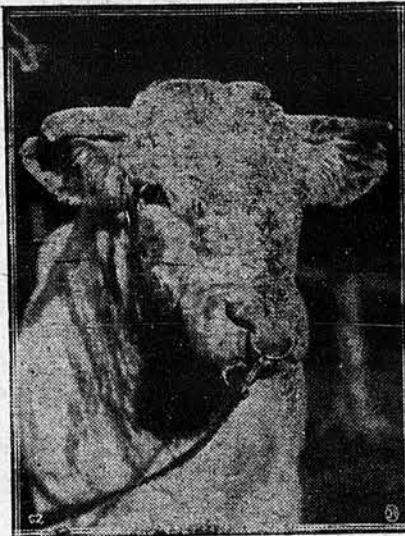
A GREATER agriculture in Kansas depends upon the more general adoption of diversified farming. A corner stone in this is livestock. The progress of Kansas in agriculture has been marked, due very largely to bringing under cultivation increased acres, to improvement in crops found best adapted to conditions and to better methods of production. In what he does the Kansas farmer is above the average in proficiency. Few, if any, farmers produce more to the man than the Kansas farmer. He studies production. He knows what his soil will produce, but lack of a well balanced system is keeping a large majority from making the substantial headway that is not only possible but necessary for the upbuilding of a permanent agriculture. In the principal wheat growing regions, for example, there is too much reliance upon a single crop. The one-crop farmer is up and down according to the seasons and the markets. He is "flush" at times and at other times he must rely upon his banker to tide him over. His crop is dumped upon the market in a short space of time, and for the remainder of the year he has practically no income. He is mining the soil and not replenishing it. He is laying a handicap on future generations, and taking a series of years he is making little, if any net gains for himself thru his farming operations. This constant fluctuating back and forth, this haphazard way, lacks all the elements of sound business, and the future of Kansas agriculture is in jeopardy so long as such practices so extensively prevail. What Kansas needs and must have for real and lasting progress in agriculture is a more evenly balanced agriculture thru diversified farming. This doctrine is not new but is simply emphasized again at this time for the reason that we have reached a stage in our development when we are either going backward or forward. All our land is taken up. Land values have multiplied. Because of the necessity for grass, it is not probable that our cultivated acreage will be increased materially. The period of exploitation has about ended. Henceforth we must adopt constructive measures, and build broad and deep for the future permanency and prosperity of agriculture in this wonderful state of ours.

No Hogs Found on 48,000 Good Farms

Livestock affords the medium thru which this may be done most efficiently and most economically, but Kansas is woefully deficient in livestock. Recent conditions have been discouraging but previously Kansas showed much indifference to livestock raising. In 1900 we had more milk cows, beef cattle and swine than in 1910. Last year we had fewer milk cows by nearly 100,000 than for the year preceding, other cattle were fewer in number than in any year since 1915, while there were fewer swine than for any year in the history of the state, except one. A compilation of assessors' returns, which has just been completed by the state board of agriculture, shows that in Kansas last year there were more than 14,000 farms on which there were no cattle of any kind, more than 48,000 farms on which there was not a hog, and more than 28,000 farms from which not a dollar's worth of poultry and eggs were sold. Thousands of tons of feed were at the same time rotting and going to waste, and while conditions in this respect are probably worse than usual this season nearly every year Kansas produces more feed than there are animals to eat it, and for which there is a very limited market except thru the livestock route. There is little incentive to follow diversified farming without livestock, but with livestock it is imperative.

Kansas is admirably adapted to successful livestock husbandry. Nearness to market, favorable climate, abundance of grasses and pure water, corn, alfalfa, and the sure feed crops as the sorghums, make a combination that cannot be excelled for profitable livestock raising, and we shall be shortsighted in every way if we do not take full advantage of our opportunities.

Now, how is the production of livestock to be encouraged in Kansas? Education is a big factor, and finance is another. Some plan of financing the small farmer should be worked out, so there would be available credit facilities to enable him to build up a breeding herd. This probably would require in the case of beef cattle a four-year loan, a shorter term with dairy cattle, and a still shorter term for swine. Recently I have taken up with some of our bankers the question of organizing a bank to make a specialty of making loans to the small



farmers in order to assist them to get into the breeding business. I find a widely divided opinion.

All recognize the need for more farms with livestock, and there is a general desire to assist the industry. Some believe such a bank would be practicable, country banks placing the paper with their patrons in the locality where the loans were made. Others have dismissed the suggestion with the broad, general statement that anyone who is deserving of credit can get all the money he may need thru the present facilities. The facts, however, scarcely seem to bear out such a statement, as I am informed by one who is very closely in touch with the farmers and stockmen of Kansas that he personally knows of at least 100 specific instances where substantial men have tried to get loans to finance cow herds without success, and adding "in fact, I never have found but one banker who would even consider such a loan." This is an important matter deserving of serious consideration, for if substantial men rated as good moral risks, cannot get money to stock their farms, how can we expect to more extensively put into effect the system of farming which will promote and increase general prosperity? Surely we cannot hope to make a great deal of substantial progress in our agriculture until our farmers quite generally take up some phase of the livestock business as a regular part of farm management. Certainly there must be available better credit facilities than at present to encourage breeding operations by the small farmer, and it is my opinion, based on rather limited inquiries, that hard-headed bankers and business men will support some plan that will accomplish that purpose in a satisfactory way.

Early Maturing Animals Insure Best Profits

In this program for livestock on every farm, the quick-growing, early maturing animals must be raised. A turn over in the shortest period possible must be had. One cannot get at the exact figures paid by Kansas farmers in the way of interest charges but they must be enormous, and the longer an investment is carried the greater the interest burden.

Every farmer is a capitalist, that is, if he has any accumulation of land, or livestock or farming implements or money, or if he has all of them, for capital is nothing but accumulation. Hence with capital earned, thru labor, or thru investments, in livestock, or thru operations in livestock raising and grain growing, it is necessary to have this capital work. In operation money is a liability, in that it yields nothing but taxables. To be useful there must be a turn over of the working capital, or accumulation on the farm. The invested capital, or land, and its complement of livestock to fill it, must do something to make it profitable to operate, or rather to make it attractive to operate, the expectancy of profit offsetting the probability of loss when the investment is put to working, as in feeding or breeding cattle or in growing grain.

A weakness of agriculture lies in the fact that the capital on the farm is not turned over often enough. In hogs we see capital turned over twice a year. In wheat but once. In cattle production, where cattle are carried until they are 3 and 4 years old to get maturity one gets a real turn over but once in three or four years as the case may be. It is fundamentally illogical to carry a steer for three years, with interest charges bearing on the operation at all times, to obtain a weight of 1,200 pounds when a well bred steer will reach that weight when 2 years old.

In carrying a steer three years to get maturity, as against breeding or feeding one that will reach the same weight when 2 years old, one has to consider the value of the land that is used as part of the feeding plant, and the interest charges and overhead that attach to the operation of such land. It is realized that there are many problems pressing upon the farming fraternity today. I would minimize none of them, but the condition of the industry could be improved greatly thru more efficient farming, which means diversified farming as implied by increased livestock raising, with dairying and poultry raising prominent. The contrast afforded last year by gains in dairying and poultry and the reported losses in other farm enterprises, suggests that we might well turn our attention to matters largely under our own control as a means of bettering conditions, and better farm management is a medium thru which every farmer may improve his situation.



An actual photograph of John N. Ingenthron of Grantville, Kan., standing beside his faithful 5 h.p. Superior Piersen.

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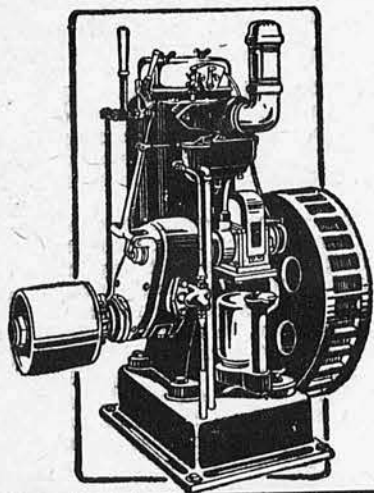
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A Need for Livestock Credits

BY SAMUEL O. RICE

One hundred million dollars in a revolving fund, handled by a special agency and lent to cattle raisers on long time loans is a necessity for the cattle-producing industry today, W. P. G. Harding, Governor of the Federal Reserve Board, told Kansas cattlemen in a conference in Topeka, May 20. The cattle feeding business could be financed thru the Federal Reserve Banks or other existing agencies, he said, but for the cow herds, the farms and ranches that produce the calves, it has become necessary to provide finances thru some new agency because our present financial system no longer serves them.

Governor Harding said the present financial condition was not because of a lack of money or of credits but because of poor distribution and proportioning of capital and credits. He said that European affairs undoubtedly constituted the sore spot in our own condition and that to remedy our condition Europe's affairs must be put into better order.

Governor Harding came to Topeka to talk to the Kansas State Bank association and to inquire into the agricultural and livestock situation. Senator Capper suggested to J. H. Mercer, secretary of the Kansas Livestock association, that the conference be arranged, which was done by Mr. Mercer.

Mr. Mercer opened the conference with a brief detailing of the industry's condition, how cow herds were rapidly diminishing because of low prices and because cattlemen frequently could not get money no matter what security they offered. Where they could obtain money, he said, the rates were running 8 to 10 per cent or more.

Governor Harding said he did not favor an amendment to the Federal Reserve act that would permit the rediscounting of livestock paper of two years' maturity. At present the Federal Reserve System permits rediscounting of agricultural and livestock paper running six months, but all other paper is limited to three months. To open up the system to two-year livestock loans would lead to opening it up for other kinds of long time loans, which would be bad and ultimately would defeat the good purposes of the act.

Cattle loans should, he said, be handled thru some other agency, but certainly some better plan of financing livestock producers must be arranged if America is to continue to be a nation of meat eaters. Governor Harding said that the East was more in sympathy with a movement for financing the livestock business than at any previous time, because the East likes its beefsteak and has come to realize that its beefsteak is in danger.

M. C. Campbell of Wichita, banker and 40 years a cattle raiser in the Southwest, told Mr. Harding that Western Kansas, Oklahoma and Texas had fewer cow herds than in years because of inadequate financing and that in two years there wouldn't be a cow herd in those regions if financial conditions were not bettered.

N. L. Bowman of Paola read a sales bill from a Paola newspaper in which a farmer advertised all of his stock, farm equipment and everything because "the bank I do business with will not give me any time." That man sold 26 cows, one bull and 28 calves, and a lot of breeding animals, because he could not get credit, altho he was a good man, a good risk, solvent and worthy of credit. Yet the U. S. Market Reporter of May 14 tells how cows have been selling for \$2 and \$2.50 a hundred for canners and packers have been paying \$1.50 and as low as \$1 a hundred for canners.

Then Mr. Bowman read the Federal Reserve Bank calls for money and told how these calls had been oversubscribed, how the Federal Reserve Bank had taken all the subscriptions offered by the Middle West, but in the oversubscription had rejected subscriptions from New York and the East. Those Federal Reserve Bank calls drained the Middle West of its time deposits and money that it needed for financing its livestock and agriculture.

Former Governor Stubbs, M. M. Sherman of Crawford, John Edwards of Eureka and E. L. Hart of Wichita also told of how lack of funds was crushing the livestock industry.

Definite provision must be made for financing the business of a co-operative organization.

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What is This I'm Signing?

Kansas Farmers, Urged to Accept Various Grain Marketing Contracts, Ask Who, What, Where, When, Why—Here's An Answer

By Ray Yarnell

TWO grain marketing plans have been offered to American farmers, one by the U. S. Grain Growers, Inc., the plan developed by the Committee of Seventeen; the other by the National Wheat Growers Association.

Unfortunately all efforts to merge the two have failed. Division has muddled the water for both organizations. Instead of acting as one unit there is danger of farmers collecting in two camps.

The purpose of both plans is better marketing, but there is no high command. The danger the allies faced in the Great World War thru failure to act in concert appears to menace the effort of American farmers in solving the greatest of all agricultural problems.

Both organizations now are doing the best they can to establish their marketing plans. Naturally every farmer must decide which organization he will join. He realizes the danger in division but that cannot prevent him from trying to correct an evil that has been costing him dearly for many years.

Farmers will make this decision. Some will make the wrong choice. One of the grain marketing organizations sooner or later will become dominant. But before making a decision as to which organization he will join every farmer feels that he should understand the plan offered by each organization. He's bound to ask himself, "What is this I'm signing?"

Both Contracts Run 5 Years

Membership in either grain marketing organization is contingent on the signing of a five-year contract by the grower. In the case of the National Wheat Growers Association the contract signed is with the state association. The state association later forms a national association and will in turn make contracts with it in carrying out of its agreements.

The farmer joining the U. S. Grain Growers, Inc., contracts directly with the local elevator or local association which also is a member of the organization and under contract with it. In reality there are three parties to the contract, the local elevator, the U. S. Grain Growers, Inc., and the wheat grower or producer. The contract is binding on all three.

In turn the local elevator contracts with the U. S. Grain Growers, Inc., regarding the handling of the wheat it buys or takes on consignment from the growers. No state organization is contemplated.

The contract of the National Wheat Growers Association provides for only one method of marketing—the compulsory pool. All wheat contracted must enter the pool and be sold thru it. No grain can be sold separately.

Provisions for four methods of marketing are made in the contract of the U. S. Grain Growers, Inc., the grower choosing the method he prefers when he delivers the wheat. He is not bound to use any one method thruout the life of the contract.

Under method A, known as the individual sales method, there are two options. A-1 provides that the grower may sell for cash at a price offered by the local elevator company. This is an outright final sale.

Method A-2 provides that the grower, singly or jointly with other growers, may consign grain thru the local elevator for sale by the United States Grain Growers Inc., in which case control of time of delivery, shipment and sale shall remain with the grower and the net proceeds of sale, less deductions for costs of handling, shall be re-

turned to the grower. This is straight consignment selling, with the U. S. Grain Growers, Inc., acting as selling agent for the individual grower.

Method B, known as the pooling method, also provides two options. B-1 is the local pool. The grower may have all or part of his grain pooled with grain of other growers and it shall be sold during such a period of time as may be fixed by the growers. The pool shall be in charge of a local pooling committee which will decide on date of delivery, grading, storage and final sale of the wheat.

Provision for Joint Pools

Method B-2, known as the joint pool, provides that local pools may join in creating a district pool which shall be administered by the sales department of the U. S. Grain Growers, Inc.

Both contracts contain penalties which the grower in advance agrees to as liquidated damages due the marketing organizations, in the event that he fails to meet his contractual obligations. These penalties consist of a fixed amount on every bushel of grain the grower refuses to deliver to the marketing organization.

The contract of the National Wheat Growers Association provides for the compulsory pooling of all the wheat the grower produces except that which is to be used for seed. He is not permitted during the five year period to sell wheat to any one except the national association.

All wheat covered by contracts is placed in a national pool. There are no local pools. In delivering his wheat to the local elevator the farmer actually sells it to the National Wheat Growers Association, receiving in payment wheat tickets stating that he has a certain amount of wheat in the pool. If he must have money the national association makes an advance payment or loan out of money it has borrowed on all the wheat pooled. The grower receiving this advance must pay interest on it.

Resale of the wheat is controlled by the national association's sales organization. Except indirectly, the grower has nothing to say about when his wheat is resold or the price it brings. The association is only pledged to sell for the best price obtainable.

From the resale price the association is authorized to deduct all expenses of weighing, grading, storing and selling. In addition it can retain 2 per cent of the gross resale price for meeting overhead and acquiring storage facilities or local elevators.

Payment to the grower for his wheat occurs from time to time as wheat is sold from the pool. The contract provides that final settlement does not have to be made until the end of the pooling year. The grower cannot sell his wheat for cash if he wishes to do so. Only officers in charge of the pool can authorize sale of any wheat.

Thru delegates the individual grower has a voice in the organization of the national sales agency and in the instructions given in respect to the price of wheat sought.

Officials of the National Wheat Growers Association hold that compulsory pooling is necessary to control the orderly marketing of wheat and to prevent dumping. The theory is that if enough of the wheat can be gotten into a pool the organization, thru controlling the surplus or obtaining a virtual monopoly, can absolutely control the time at which the wheat goes to consuming markets, thereby

preventing fluctuation in price which occurs when large volumes of grain are sold in a short time. Instead of dumping most of the crop on the markets in the four months after harvest the grain is sold thruout the year in sufficient quantity just to meet the current demand. In this way the speculative element is removed and the price maintained at a reasonable level. Monopoly, of course, would enable those in control of it to dictate the price. But it is held that the fixing of an unfair price would defeat itself inasmuch as it would reduce consumption and leave a surplus in the pool that it might be difficult to sell.

The National Wheat Growers Association insists on 100 per cent compulsory pooling because officials declare that is the only means of bringing about orderly marketing and preventing dumping.

Value of the pooling method is not questioned by the U. S. Grain Growers, Inc. Logically the pool is the best way to handle wheat. The monopoly always guarantees the highest return. But it is the same method the steel corporation, the packers, the sugar corporation and others have been criticised for employing. It is the trust idea. There is a question regarding its legality because the courts have not given a decision as to whether it is in violation of the Sherman Anti Trust law.

The legality of the pooling method, if questioned, will be defended by the U. S. Grain Growers, Inc. The pool is a part of its marketing plan and it is considered promising.

It is well to realize that fact in studying the contract of the U. S. Grain Growers, Inc. That contract provides two major methods of marketing, one by the individual, consisting of direct sale or consignment; the other thru pooling.

Farmers co-operative elevators have been successful in handling the local marketing of grain. They have saved members money. The U. S. Grain Growers, Inc., built its marketing plan on local co-operative elevators. That is the basis of the whole system. The U. S. association simply takes up the marketing of grain after it leaves the local elevators and handles the national distribution.

No Place for Local Elevators

In this position it differs radically from the National Wheat Growers Association. There is no place in the latter organization for the locally owned farmers co-operative elevators. Under the National Wheat Growers' plan the local elevator will perform only a storage or handling service. It will have nothing to do with marketing. The idea is that eventually ownership of all local elevators will pass to a state wheat growers association.

On the other hand the United States Grain Growers, Inc., desires to retain local co-operative elevators in its marketing system to perform the same functions as at present; actually to deal in grain, not merely store and handle it. Farmers will continue to own the elevators which will pay patronage dividends as at present. Their status will remain absolutely unchanged.

The contract of the U. S. Grain Growers, Inc., provides that control of the wheat shall not pass from the grower until it actually is sold on the consuming market. He decides when to sell and it is up to him to decide whether he will accept the price offered. The U. S. Grain Growers or-

ganization does not take that responsibility unless the grower specifically delegates it.

The grower sells his wheat outright to the elevator and gets the cash or he consigns his wheat for sale thru the elevator and it is sold on terminal markets by the elevator or the U. S. Grain Growers' sales agency. Or the wheat is placed in a local pool and is sold from that pool at the direction of the local pooling committee. Except in the case of the joint pool every sale is directed by the grower.

In event the courts should rule that pooling is illegal the decision would in no wise affect the validity of the contract of the U. S. Grain Growers, Inc. The pooling section simply would be canceled and a national marketing machinery still would be in operation. That would not be true of the National Wheat Growers Association contract.

Officials of the U. S. Grain Growers, Inc., hold that they have all the advantages of the pooling method without its dangers, and in addition possess a marketing machinery that will function if the pooling method is put out of business.

The question of preventing dumping comes up. The charge is made that the U. S. Grain Growers' marketing plan will not prevent dumping because the association lacks arbitrary control by which it can dictate when the wheat shall be sold. That is answered in this way.

Gives Them Credit for Brains

It is assumed that the farmer is intelligent; that he has brains. The U. S. Grain Growers, Inc., proposes to supply the grain grower with trustworthy price information, with important facts about market conditions, locally and thruout the world and with information regarding crop prospects. It plans to supply the grower with adequate storage facilities at a reasonable cost and with credit facilities which will enable him to sell or hold his crop as his judgment dictates.

Lack of credit and storage facilities are credited with having forced dumping in the past. If these lacks are supplied, it is held that the individual grower will, thru the exercise of judgment, send his wheat to market in an orderly manner and dumping will be avoided.

The optional pool, either local or joint, will operate to accomplish the same result. It will supplement the exercise of individual judgment and may be counted on to take care of the surplus or a large part of it.

The U. S. Grain Growers, Inc., thru its national sales agency, will be in a position to handle the selling of grain for its member elevators in all parts of the country. It will operate in the terminal markets and direct export sales. As it develops more and more grain will be placed under its control, either thru outright sale or on consignment and its influence on the market will be greater. By control of enormous quantities of wheat it will be in a position to bargain to best advantage. Of course an enormous pool would result in the same advantageous situation.

Under the National Wheat Growers Association's plan title to the wheat passes to the national association when the grower delivers it. In the U. S. Grain Growers Association's plan, title to the wheat remains with the grower unless he makes an outright sale for cash to the local elevator.

Thru separate contracts between the U. S. Grain Growers, Inc., and the local co-operative elevators, which are members, the local elevators agree to

(Continued on Page 6.)

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Passing Comment—By T. A. McNeal

WE MUST be prepared for the next war, calmly and lightly exclaim men who regard themselves as statesmen. They assume that a next war is inevitable and if we must have a next war let us know what it is to be like. Here is the picture of what the next war will be, drawn by one who has made a study of the effects of poison gases used in the Great World War, which in the brief time they were used, caused 27 per cent of the entire list of casualties and at that the warring nations were just beginning to understand how to use these gases when the war closed.

In the next war says this writer:

"The dew of death will paralyze and destroy the lunging battalions of a future assault against civilization. The last war ended with diapason closing full, great guns roaring from the North Sea to the Alps, the ears of the warriors dinned by infernal tumult. The next war will close in the silence of death, broken only by the moaning and the screams of the blinded and the burned.

"Wars of the past have been conflicts of artillerymen and engineers, clumsy duels with clumsy tools not very different from the tools used by Napoleon, Grant, and Von Moltke. Wars of the future will be unimaginably dreadful struggles, directed by middle-aged and elderly persons wearing spectacles and sitting in laboratories and turning loose upon fields of battle, battle fleets, and great helpless cities death-dealing currents of poisonous air that not only injure the body but wreck the mind thru fear, sheer terror of the mysterious, the unknown.

"Compounds of volatile, deadly lethal poisons that will fall as dew from the clouds, literally a dew of death; poisons that will be drifted across great spaces like fever germs from a swamp; poisons that will be discharged in shells from pneumatic guns, furtively, silently, will contend for the mastery of the world. These will be chemists' wars, if wars must come again, and the simple truth is that the mind of man is not yet able to picture the horrors that will be released.

"Great cities, an ocean apart from their country's enemy and tranquil in fancied security, far out of reach of the longest range gun, will stir from sleep in the night to the agony of their people, as from unseen poison ships, circling above them in the dark, dews of death fall to blind and burn and paralyze. Fortresses, manned by the most powerful ordnance man has been able to perfect, will lie helpless under this gentle, frightful rain. Armies with banners will be leveled to the dust, no longer armies, but masses of sightless, pain-crazed human beings, incapable of motion, incapable of thought."

Invention of Farm Machinery

THIS is the seventh of a series of articles on the development of the American farmer written by Mr. Ramsay of Mitchell county.

"The invention and use of modern farm machinery has many angles. It marks the beginning of a new era. All preceding eras began and ended with the cities. They left the great farming class untouched. The farmers merely existed for the benefit of others; they were the human clippers used to fill vacant orders. The United States Census is a rural romance. In Washington's time 97 per cent of the population were farmers. They had to be in order to live; they only produced a few staples, wheat, corn, tobacco, potatoes. Wild game provided much of their living. One hundred and ten years later the United States Census showed that only 55 per cent were farmers and the United States Census of 1920 may show only 45 per cent."

The percentage of actual farmers is less than Mr. Ramsay has stated. The United States Census of 1910 showed about 55 per cent of rural population but that included the thousands of small villages, very few of whose inhabitants were real farmers. I believe that an accurate count would show considerably less than 40 per cent now living on farms in the United States.

"This small number," continues Mr. Ramsay, "is not only producing food and other products in abundance to supply the needs of 110 million persons but in addition is largely supplying Europe.

"Ours is the only great manufacturing nation which is also a food exporting nation. This marvel is entirely due to rural efficiency. So long as men were content to dig their living out of the

soil barehanded aided by a few rudely made tools there was no great accumulation of wealth and a very slow increase of population, scarcely doubling in a thousand years. Famines were frequent and the masses of mankind condemned to lives of poverty. When farmers began to think, to educate, to organize, the change for the better came, but it was a long, slow process. The world is very old and until the farmers really obtained possession of the lands there was little progress. Today the change is progressing faster than ever before, in fact the revolution in methods is only fairly begun.

"The invention of modern farm machinery has come about mainly within the past 90 years, the span of many a life time, as compared with the wonderful spaces of time since the world began or even since men began to live in caves, this is but a moment. Farm machinery released millions of farm hands to work in factories; its improvement insures a never-ending flow of labor to the cities. The millions of factory operatives, and owners, demanding cotton, wool, lumber, hides, sugar, fruits and vegetables, horses, cattle and hogs in ever increasing numbers, insures the prosperity of those remaining on the farms. The factories and the farmers both using machinery to the utmost possible extent form the greatest combination for the production of wealth ever known.

"The modern theory of wealth is that the prosperity of any class is in proportion to their personal efficiency as producers and the wealth of their customers. The poor cannot buy in sufficient quantities or variety to allow a wide margin of profit. The destruction of the poor is their poverty. Consumption, under the modern condition of freedom is in proportion to production.

"The modern world cannot permanently exist one-tenth rich and nine-tenths poor and ignorant; the Golden Rule is good political economy.

"A recent estimate of United States Census Bureau gives the probable number of farms in the United States as 7,300,000. Multiply this number by the average number of persons in a family, including the hired help; add the number of city farm owners and their families; all those in the little towns directly dependent on the farmers, such as doctors, lawyers, editors, mechanics of all kinds, merchants, school teachers, laborers, ministers, and all their families and you will have about two-thirds of this nation directly dependent on quantity production of farm products and the prosperity of machine farming.

"The productive efficiency of these millions of rural Americans is the real cause of the growth of the cities. The use of American farm machinery in the United States, Canada, New Zealand, Australia, Argentina and the rest of the world has become the world's greatest economic fact. If all the countries were producing food under the old conditions there would be very little to export.

"Imagine our 110 million people, 97 per cent of them rural, digging in the soil almost with their bare hands, plowing with wooden and cast iron plows, drawn by oxen, turning only 8 and 10-inch furrows; harrowing with wooden or brush harrows; reaping grain with the back-breaking hand sickle; threshing it with flails; plows and hoes their only tools for planting and cultivating corn without even a husking peg to husk it; mowing grass with a scythe; raking it with hand rake; pitching it with two tined iron forks or with forked sticks; poverty and ignorance the common lot; without schools or newspapers and without the desire for either; millions still believing in witchcraft; the ablest statesmen fearing the common people, drunkenness and disease only decreased by Providence, all believing that what had been since history began would be to the end.

"Under such conditions there could be no demand for tractors, railroads, elevators, steamships for exporting grain, no use for palace stock cars, stock yards, commission men, packing houses, refrigerator cars, cold storage to care for the pork, beef, butter, eggs, poultry and fruits coming on the market for use here and in Europe. This enormous commerce in agricultural products is the most important economic fact in the modern world. Try to think of our 7,300,000 farms as factories, equipped with the most modern and efficient machinery, stocked with the best breeds of cattle, hogs, sheep and poultry; growing the most improved kinds of wheat, corn, alfalfa, Sudan grass, kafir, apples, peaches and other fruits. This would mean the employment of about 30 million

farm operatives old and young; the one big union that never goes on a strike; the people who produced in 1919 farm products to the gross value of 24 billion dollars and which should have a net value of about 20 billion dollars.

"Such are some of the developments and accomplishments of the American farms and this is but the morning of agricultural development. The day is still before us. Speaking of co-operative enterprises in a previous article the intelligent compositor made me state that we paid the president of our co-operative corporation \$3,600 a year. I really wrote \$36 a year."

[I have no doubt that Mr. Ramsay intended to write \$36.00 but as a matter of fact he failed to insert the decimal point and wrote \$3,600. The intelligent compositor has enough mistakes to answer for without trying to load him with those he did not make.—Editor.]

Exploiting Alaska

COMPARATIVELY few of the readers of the Kansas Farmer and Mail and Breeze I presume know much about Alaska. I may as well frankly confess that I do not know a great deal about it myself, but what I have been reading about it recently interests me greatly. There are a number of facts concerning this territory that you may or may not know; one is that its total area is equal to one-fifth of all the rest of the territory of the United States. Another is that it is capable of producing enough wood pulp to supply one-third of the paper needs of this country. Another is that the Government already has set aside about 20 million square miles of timber lands.

Alaska has, perhaps, the greatest deposits of copper so far discovered in the world. It has enormous deposits of coal, which as yet have scarcely been touched. It has of course the greatest deposits of gold of any section of the United States. It is capable of supporting enough reindeer to supply one-third of the needs of the population of the United States in the way of meat, and the hides of these same reindeer would be an enormous addition to our leather supply.

Contrary to the general impression, there is a great deal of land in Alaska capable of being cultivated. Along the coast of Alaska are the most valuable fisheries controlled by the United States. In a single year the value of the fishery products aggregated eight times the entire price paid Russia for the territory in 1867, when about 90 per cent of the people of this country believed that Secretary Seward had made a foolish bargain.

It may not be known generally that the United States Bureau of Fisheries keeps count of the fur-bearing seals up in the Alaskan waters just as a farmer keeps count of the number of his cattle. I did not know that it would be possible to keep count of a herd of seals but the Bureau of Fisheries says that it is possible to do so and gives the count. According to the count for 1919 there were 524,269 of these amphibians. That was about 28,000 more than there were the year before.

The Government only permits a certain number of seals to be caught every season, but the seal poachers get in their work and kill a great many despite the Government watchers. It may be said, however, that if it had not been for the Bureau of Fisheries all the seals in Alaskan waters would have been exterminated.

Altho the Government has undertaken to protect the inland fur-bearing animals it has not made a success of it and these animals are decreasing in number. However, as some of these fur-bearing animals prey on the young reindeer it may be a good thing to exterminate them.

While we are learning more and more about the wonderful possibilities of that great territory, it can scarcely be said that everything there is encouraging. The fact is that the white population of Alaska is decreasing. There are not much more than half as many white persons there now as there were five years ago. There are some persons in Alaska who put the blame for this decrease of population on the Government, which they say has meddled and interfered with development. While that may be true to an extent it is fair to say that the Government also has prevented a few individuals from gobbling up all the great resources of the territory and exploiting them for their own benefit.

These selfish interests, however, have not given up. They are right on the job as is shown by

House Resolution 5694, which provides for the creation of an Alaskan Development Board to take over the great territory and practically manage it independently of the Government. This board if created by Congress, would have control of the Nation's forests, water power, bird reservations, agricultural experiment stations, fisheries, game and fur-bearing animals and the unreserved public lands of the territory.

It could refuse to grant or renew any application, entry, lease, permit, license or other privilege. But if it sees fit to grant any of these privileges under the provisions of the bill there would be no appeal. If for example it should decide to sell all the timber in Alaska to some individual, syndicate or corporation for 10 cents a thousand feet there would be no appeal. The Department of the Interior could do nothing to prevent the steal.

In short the bill proposes, as I have said, to set up an independent government in Alaska. Fortunately, the Secretary of Agriculture, Henry Wallace, has taken an active hand in defeating the measure. I do not think it will get thru. The only way a measure of that kind gets thru Congress is to slip it thru when nobody is looking. And it may be said that it is surprising how many bad measures can be slipped thru without protest from the honest members of that body.

Alaska is a long, long way from Washington. It is probably true that Government territorial management often has been bunglesome and inefficient. That always has been true with the government of territories to a considerable extent, but at that it is preferable to the management of a syndicate whose only interest is a selfish desire to get as much as possible out of the territory as soon as possible.

Deforestation and Famine

WITHIN the brief space of a year 40 million people in China either have already starved or will have starved to death. The terrible significance of this statement becomes apparent when we consider that during four years of the most terrible war in all history not more than a quarter of that number were actually killed in battle and that all the casualties of all the armies engaged in that war will not aggregate more than 33 million men.

This terrific famine can be attributed to one cause, deforestation. The great plains of Eastern China occupied by the first Chinese of whom history makes mention, were centuries ago transformed from forests into agricultural lands. The mountain plateaus of Central China within a few centuries have been entirely denuded of their forests and no attempt has been made at reforestation. As a result the water rushes off the naked slopes in tremendous floods, gullying away the mountain sides, causing rivers to run muddy with yellow soil and carrying immense masses of fertile earth to the sea.

Formerly the tree covered mountains absorbed a considerable portion of the annual rainfall and let it escape by slow regular seepage during the dry season. Now that there are no trees, shrubs or even grass to retain the water, the streams that were formerly narrow and deep are now broad and shallow with slender currents of muddy water, varied occasionally by tremendous floods which bring disaster instead of blessing.

The growing of crops in this formerly fertile district has become so uncertain that seven years in every 10 are either wholly or partially famine years. The wonder is that any Chinese are left alive in that locality, for when they are not dying from famine they are likely to be drowned in the floods. In a single year the floods of the Hwang Ho or Yellow River, destroyed more than 2 million lives.

Human folly and shortsightedness have made a country which should have sustained in moderate comfort 50 million people, a place where every man, woman and child lives in constant fear of destruction either by famine or flood. The people of the United States ought to learn a lesson from China's terrible experience, but will they?

Dangerous Boyish Pranks

IHAVE been reading "Passing Comment," writes one of our readers, "but don't remember seeing anything about the ducking in the icy waters at Hays, Kan., last March. In other papers it was called fun, pranking, and the like. These are the first steps toward red bolshevism. I know of one boy who had been sick. As soon as he was able to be up he went out and worked two hours on the track, in fear I suppose, after which he became sick again so that his mother had to come and take care of him. A year ago last fall during a hazing at Lawrence a boy, 14 years old, was run over and killed. He was his widowed mother's only hope.

"Eye witnesses said that the students went into the stores and restaurants and helped themselves to what they liked. April 26, 1920, when the Chicago schools opened, doors, windows, seats and desks to the value of about \$15,000 were destroyed by boys 14 and 15 years old. When found in a cave with stolen books and other things, a boy 14 years old boldly declared, 'If we had had two weeks more we would have destroyed all the school buildings in Chicago.' Where will this lead to if not checked? Your comment will be welcomed."

Of course there is no defense for the brutality of hazing, or for the destruction of property by a

lot of young rough necks. I always have felt that entirely too much leniency has been shown and too much tendency to excuse that kind of student pranks has been manifested. One of the things our schools ought to inculcate in the minds of pupils is respect for the rights of other persons and obedience to law. If that is not taught in the schools and colleges then they are worse than failures.

I realize that young folks must play. That is not only natural but necessary for their physical and mental development, but that doesn't mean that they should be permitted to act like young ruffians.

It is only fair to say, however, that the tendency to prevent hazing, if possible, is growing in most of the schools and colleges. The outbreak in Chicago looks pretty bad but after all not one in a thousand of the school boys of Chicago were involved in any way. This organization of young ruffians and criminals was probably owing to the leadership of two or three boys. I am not at all convinced that the tendency to crime and ruffianism is increasing in our schools.

Farmers' Service Corner

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

What constitutes a life lease on a farm? I hold a life lease on 240 acres of good land, mostly under cultivation. How much or how little am I entitled to? This lease has been in force nine years. I never have received anything from part of the land, and very little from any of it. I am destitute, old and alone. It seems the boys ignore my wants. I had a little money. If I should be compelled to collect how must I proceed? This land is in Kansas; my home is in Missouri. A. W. S.

A life lease is just what it purports to be, a lease of premises during the life of the lessee. As to how much you are entitled to receive under your lease, I do not know, not knowing what the conditions of the lease are. If the persons who are farming the land are not living up to the terms of the contract, then the lease is broken and they can be dispossessed of the premises. Or if they are holding back from you money or property to which you are entitled under the terms of the lease, you can sue and collect just as you would sue and collect on any other account. If you wish to put them out of possession it would, perhaps, be necessary to begin an action of ouster and in that action it would be necessary to prove that they had violated the terms of the lease.

Can you give me thru the Kansas Farmer and Mail and Breeze the debt of England and France before the war and after; also President's furnishings in addition to his salary and rate of income tax he pays? H. L. F.

The pre-war debt of the United Kingdom in 1913 was \$3,485,818,000. The debt after the war in 1920 as given in the World Almanac was \$39,314,000,000. The pre-war debt of France in 1913 was \$6,346,112,900. The debt after the war in 1920 was \$46,025,000,000. Congress provided for the President \$25,000 a year for traveling expenses; it also provided for the expense of taking care of the White House and the White House grounds. He is also provided with an automobile and chauffeur, and perhaps some other incidental expenses. President Wilson was relieved from paying income tax on his salary thru special legislation by Congress.

A and B are husband and wife. They homesteaded 160 acres. To them seven children were born. B died. A afterward married C. A sells 80 acres of the land and B's seven children inherit. To A and C one child was born. A died leaving no will; later C died leaving no will. Who will inherit the property? If C had no children, who would share then? A. I.

At A's death such property as he had would be divided equally between his surviving wife C, and his children including child by C. At C's death without will her half would go to her child. If she had died without having any children, and left no will, her half would go to her parents if they were living, and if her parents were dead then to her brothers and sisters if she had any.

What is the penalty for signing a name which is fictitious on a hotel register instead of your real name? Y. K. E.

There is no penalty.

A has his land listed at a certain price and agrees to pay a certain commission. B agrees to buy the land. A contract is drawn up and signed by both parties and \$1,000 paid down. B forfeits the money and gives up the deal. Can the agent collect the commission from A? M. Y.

The agent would be entitled to a commission on the \$1,000, but not more, for the reason that the sale was not completed.

Where can I get a duplicate of my Army discharge? K. C. K.

You should take the matter up with your member of Congress and have him apply to the War Department for a duplicate. It would be necessary, of course, for you to submit very clear and convincing evidence that your original discharge had been lost.

A widow has five children, one of whom is not of age. The father died several years ago leaving no will. Can one or more of the heirs compel the widow to divide according to the Kansas Law? N. R. S.

Yes.

The Money Kings Need Regulation

IBELIEVE it could be demonstrated that the radical deflation policy of the Federal Reserve Board, the riot of grain gambling and the last increase of freight rates have brought upon this country more hardship, tragedy and suffering than the war itself. Of the three the credit stringency has been the most destructive. It has cost farmers 7 billion dollars and I doubt whether a cyclone from Maine to California could have wrought greater destruction than this credit-killing blight has visited upon legitimate business. The mark of it is everywhere.

There is something seriously the matter with a country when a man who is thrifty, industrious and doing well, must lose an \$18,000 equity, because enough ready cash cannot be had in his community to make another payment on the property. This happened recently to a young Texas farmer and his wife.

In the rich state of Iowa, a farmer and his wife who had paid taxes without a skip in lean years and fat years, for more than 30 years, were "sold out" recently because high-cost farming and low-value farm stuff didn't leave them enough to pay interest on a note.

This farmer's wife wrote me a letter in which she concluded:

We are losing all of our property. Soon we shall be like our blessed Saviour, without a home or a place to lay our heads.

The country has had a dearly bought lesson, but the worst is over and we may soon confidently expect to see a general revival of business. Following President Harding's conference with the governor of the board, there already are signs of a saner credit policy. The new Administration will require of the board more favorable treatment to commercial credits based on farm products and more favorable terms to farmers and other vital industries. This must come or crop curtailment will result.

While New York banks borrowed enormous sums at from 5 to 7 per cent from their Federal Reserve Bank, and these banks made loans to needy borrowers at from 50 to 200 per cent, banks in Western and Southern cities had to pay their Federal Reserve Banks from 12 to 87½ per cent at crop-moving time that they might serve the desperate needs of their communities. It is known that one bank in a cotton section paid the Federal Reserve Bank as much excess interest in two weeks in September as the interest on this little bank's entire capital stock would come to in a year at 7 per cent.

At the time that the Federal Reserve Board was busily deflating our farmers and stockmen and giving out interviews on the sin of extravagance, craftsmen were designing a pair of \$25,000 bronze doors for a new 10-million-dollar Federal Bank building in Kansas City, and several skyscraper buildings costing millions are now being built for Federal Reserve Banks in the central cities.

Concerning the reluctance of Federal Reserve Banks to accept farmer paper for rediscount, a Kansas banker writes me citing this instance:

At a national bank in this section, one of our farmers, qualified as debt-free and worth \$150,000, had borrowed \$10,000 to feed and ship some steers to Central Kansas and finish them off on cheap corn. The steers were paid for. But the local bank needed money and sent the note and statement to the Federal Reserve Bank in Kansas City, for rediscount. The Reserve bank returned the note and statement with the information that it did not consider the security sufficient. The local bank kept the note and it was paid when due. But the Federal Reserve Bank by rejecting this paper, prevented the local bank from helping another farmer.

In almost the same mail the Federal Reserve Bank informed the local bank that paper of Libby, McNeill & Libby, the packers, would be accepted up to 10 per cent of the capital and surplus of the local bank, without financial statement of the borrower.

During the last six months the cattle country has been strewn with wrecked cattlemen because when it was necessary and important that their loans should be expanded instead of contracted, they were contracted.

President Harding, Secretary Mellon, Secretary Hoover, Chairman Eugene L. Meyer of the War Finance Corporation, and the new Comptroller of the Currency, Mr. Crissinger, are on record as admitting the country's producers have not had a square deal in credit, and they are trying to work out a more liberal credit program. A part of this program is the present visit of Governor Harding, of the Federal Reserve Board to the Middle West and South to determine on measures of credit relief.

The Federal Reserve Board now includes the Secretary of the Treasury, the Comptroller of the Currency, and five members appointed by the President. To prevent a recurrence at some future time of another such terrible experience as that from which we now are emerging, I have introduced a bill to add the Secretary of Agriculture and the Secretary of Commerce to the board's personnel, the idea being to have all fundamental interests of the country represented on the board and so effectually to forestall a misuse of the power it holds to make or break the Nation.

Arthur Capper.
Washington, D. C.

1847 ROGERS BROS SILVERWARE



The Kind that Mother used to buy

FASHIONS change with the times, but there is no substitute for quality. This the buyer of today knows when she insists on having "1847 Rogers Bros." Silverware.

A wide variety of patterns makes selection easy, ranging from the Heraldic here illustrated, to the Cromwell with its simple lines of beauty: all with larger pieces like Tea and Coffee Pots, Dishes, etc., matching the spoons, knives and forks. In making gifts the growing custom is for several members of a family to unite so as to make a gift that is really worth while.

The unqualified guarantee is an ever-present assurance of your money's worth.

Teaspoons at \$4.00 for six.

Leading dealers have "1847 Rogers Bros." on display or can get it for you. Write International Silver Co., Meriden, Conn., for folder E-75-B illustrating other patterns.

The
Family Plate
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INTERNATIONAL SILVER CO.

State Farm Bureau Items

County Agents Boost Dairying and Cow Testing

BY RURAL CORRESPONDENTS

THE Oswego Cow Testing association has reorganized and recently started the work for the year with a full membership. The best herds in both Labette and Cherokee counties are being tested. Semi-official work is being done in two herds. Fifteen cows produced more than 1,000 pounds of milk and the average production of the 254 cows tested for last month was 608 pounds of milk and 24.3 pounds of butterfat. O. L. Norton of Oswego is the official tester for the association.

Jefferson Buys Better Sires

Jefferson county recently put on a purebred sire campaign in which the farmers showed a great deal of interest. The campaign closed with a rousing meeting in Valley Falls which was largely attended. An important demonstration in stock judging was given by Frank Tomson of the National American Shorthorn Association. County Agent Goodwin at the same time directed a livestock judging contest at Valley Falls for high school boys, and club members in the county. R. W. Morrish, state county agent leader assisted him in the judging contest. The winning teams will get free trips to the Kansas Free Fair at Topeka.

Good Crops in New Mexico

According to John F. Hargrave, county agent in Mora county, New Mexico, there is an excellent prospect for good crops in that state this year. "Cattle are looking good," says Mr. Hargrave, "and the range is being dotted with a fine crop of Hereford calves. Sheep wintered well and we have a large number of strong lambs to help increase the sheep returns. Farmers are busy planting corn and the soil is in excellent condition. The green bug pest appeared in some sections but no serious damage is reported from any place. Alfalfa on the irrigated lands is doing unusually well and will make a heavy yield."

Good Dairy Show at Hutchinson

The Reno County Cow Testing association recently held a very successful dairy show at the Kansas State Fairgrounds in Hutchinson, Kan., that lasted two days. The result was so satisfactory that the dairy show will be made a permanent annual event. A feature of the show that was of considerable interest was the stock judging contest in which contest teams from a number of high schools in the county took part. The silver cup offered for the best team was awarded to the Partridge Rural High school. Herman Miller of the same school won the gold medal for the individual scoring the highest. The schools winning other honors were the following: Sylvia, second prize; Hutchinson, third prize; Reno County High school, fourth prize; Langdon, fifth prize.

An excellent program was given in connection with the dairy show. Among the speakers were Prof. J. B. Fitch, Prof. C. R. Gearheart, and Prof. F. D. Farrell of the Kansas State Agricultural college; H. M. Jones, state dairy commissioner, and Dr. H. M. Graefe of the United States Bureau of Animal Industry at Topeka, Kan.

Wool Pooling Week Planned

Sheep growers in Kansas are making preparations for a wool pooling week about June 1, according to C. G. Elling, temporary manager of the Kansas Sheep and Wool Growers' Co-operative association. Last year 40 Kansas counties pooled their wool. Most of this wool was shipped to the National Wool Warehouse and Storage Company, a co-operative concern at Chicago owned by Middle Western farmers, who sold direct to the factories. An attempt will be made to ship all the wool in one week.

Due to the fact that the wool market has been stagnant the past 12 months not all of the Kansas wool has been sold, but satisfactory prices have been received for that which has been sold. Recently 13,389 pounds of Kansas half-blood wool was sold at 23 cents. Previous to this all of the Kansas burry wool had been sold at 15 cents, all the black burry at 13 cents, and all the tag ends at 5 cents a pound. The

freight charges to Chicago were about 1 cent a pound and storage charges were less than 1 cent a pound.

Holstein Cow Makes High Record

Of the 243 cows tested in the Lyon County Cow Testing association in March, 136 produced more than 30 pounds, and 71 produced more than 40 pounds of butterfat. The high cow, a purebred Holstein, which is owned by Paine Brothers of Admire, produced 87.9 pounds of butterfat and 1,493 pounds of milk.

In herd averages P. P. Macy's herd took first place in the "Under Twelve Cows" division with an average of 48.8 pounds. In the "Over Twelve Cows" division, Fred Sickler led with an average of 42.3 pounds of butterfat, 1,125 pounds of milk. Six of the 19 herds tested had an average of more than 40 pounds of butterfat. The average of all the cows tested during the month was 32.1 pounds fat and 866 pounds of milk.

What is This I'm Signing?

(Continued from Page 3.)

market all grain received thru the U. S. Grain Growers, Inc. The association does not buy from the grower direct. The elevators are between them. The two contracts simply provide that every bushel of wheat sold by members shall pass thru the hands of the association, either as owner or consignee.

The most important point of difference between the two marketing plans is the 100 per cent compulsory pool. The National Wheat Growers Association insists on it. The U. S. Grain Growers, Inc., makes pooling optional. If a member wishes to pool all or part of his wheat he can but he is not forced to do so.

Another important point of difference exists. The National Wheat Growers Association contemplates the handling of wheat only. Therefore its activities will be limited largely to the states where wheat is the principal crop.

The U. S. Grain Growers, Inc., has provided a marketing plan under which all major cereal crops will be handled. Its field of activity, for that reason, will be much broader. It will cover the entire country, rather than the wheat belt alone.

The organization committee of the National Wheat Growers Association now is in the field. Signatures to contracts providing for 100 per cent compulsory pools are being sought. Neither the permanent state or National Wheat Growers associations have been organized. These associations will not be incorporated until the minimum amount of wheat, as provided in the contract, has been signed. In Kansas the association must sign up 51 million bushels of wheat by June 15, or the contracts are not binding on the growers. Early in May, officers of the association stated, 10 million bushels had been signed.

The United States Grain Growers, Inc., has been organized and incorporated. Officers have been elected and are on the job. The corporation legally exists and is functioning. Organization committees are at work.

Contracts will be available for presentation to grain growers early in June when the campaign for membership will be started. The U. S. Grain Growers, Inc., is perfecting every phase of organization before it goes into the field to ask farmers to sign contracts.

Our Best Three Offers

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

Under all systems of farming there is a constant drain of plant food from the soil, and this loss must be returned if farming is to remain permanently productive. The two chief causes of loss are soil washing and removal in crops.

The Jayhawker Farm News

BY HARLEY HATCH

About 15 to 20 per cent of the corn yet remains to be planted. Possibly if the weather remains wet much longer the ground will be planted to kafir instead of corn, but kafir is not a very popular crop in this locality just now. The price of kafir when sold to elevators runs from 5 to 10 cents less a bushel than corn while to grow kafir and put it in the bin costs from 5 to 10 cents a bushel more than corn. This gives kafir a net value, to farmers who sell the grain, of 10 to 20 cents a bushel less than corn. We do not thresh kafir but store it in the head. It will keep for years in this way, but if threshed in the fall or winter it is very likely to heat when the warm days of early summer arrive.

Good Crops for Hog Pasture

The hog population on the Jayhawker Farm is much smaller than it was prior to the Great World War. Then we planned to raise from 50 to 60 pigs every year and seldom had on hand at any time fewer than 30 head. Today we have but 15 head and consequently we have reduced the hog pasture until we have but little more than an acre enclosed. This was sown during the first days of April in oats and rape, the south half to oats and the north half to rape. Both grew very fast after the spring rains started. The rape this year will provide pasture almost as soon as the oats, something that it does not usually do.

Farm Buildings Should be Painted

While the price of paint has decreased materially of late the price for applying it is still as high as ever. The house on this farm being in need of a new coat of paint we phoned to the painter who has always done our work asking him when he was at liberty to do the job and incidentally what his charges were. He replied "I can come next week and I charge \$1 an hour." Now that seems like a very high price to the fellow engaged in raising \$1.15 wheat and 40 cent corn but even at that it was cheaper than we could do the work, quality considered, so we told him to begin whenever he was ready.

Skilled Workers are Best

A painter who knows his business can apply paint so that it will stick twice as long as that put on by an amateur and there will be no comparison when the looks of the job is considered. We found that out several years ago and so we always pick a professional painter to do the work. But when it comes to painting the barn, granary, hog house and such buildings we do not feel called upon to pay \$1 an hour for the job. When we get the paint for the house we will buy enough kerosene oil to paint all the buildings on the farm and will do the job when the regular farm work will permit us to do it.

Cheaper Farm Implements

In view of the reduction in the price of steel announced by the United States Steel Corporation on April 13 the International Harvester Company of Chicago, Ill., has authorized their branch houses in the United States to make a 10 per cent reduction from their printed schedule for 1921 on all machines and implements except motor trucks not included in the list of price reductions made March 7 or earlier. This will be welcome news to the farmers and no doubt will stimulate the sales of farm machinery. The International Harvester Company makes these price reductions despite the fact that the machines that they sell this year were all made before the price reductions in steel were made.

Some Gregory Farm History

BY T. W. MORSE

When has a public sale of livestock celebrated the centennial anniversary of the founding of the herd and the farm from which it is held? Not often in America, we may be sure. Yet just this extra significance attaches to the public sale of Gregory Farm Percherons which W. S. Corsa, the proprietor, conducted on May 18. One might think that this unusual and noteworthy feature would be

blazoned across the top of every advertisement, yet it is recorded rather modestly, on the inside of one of the cover pages of the book which catalogs the horses to be sold. How an Ohio colonel established and gave his name to the farm which since has become one of America's best known draft horse breeding establishments, is told in the following three sentences:

"Colonel Gregory, born in Connecticut in 1797, emigrated when a small boy to Ohio. Later going down the Ohio river in a canoe, he landed in Illinois and in 1821 entered land in Greene county and improved it, and in that year made enough money to buy a horse. That was the start of the horse industry here and the beginning of 'Gregory Farm,' whereon the founder's family has since lived continuously."

The feeding of crops back on the land is an important means of conserving the supply of nitrogen and organic matter as well as that of the mineral plant foods. Nitrogen is the most expensive of the plant foods commonly purchased, and it is one of the chief constituents of manure.

Ready to Eat and Every Bit Eatable Grape-Nuts

is convenient, free from waste, and moderate in price.

Skilled blending and long baking bring out the full flavor and richly-nourishing qualities of this cereal food, and make it easy to digest.

"There's a Reason"

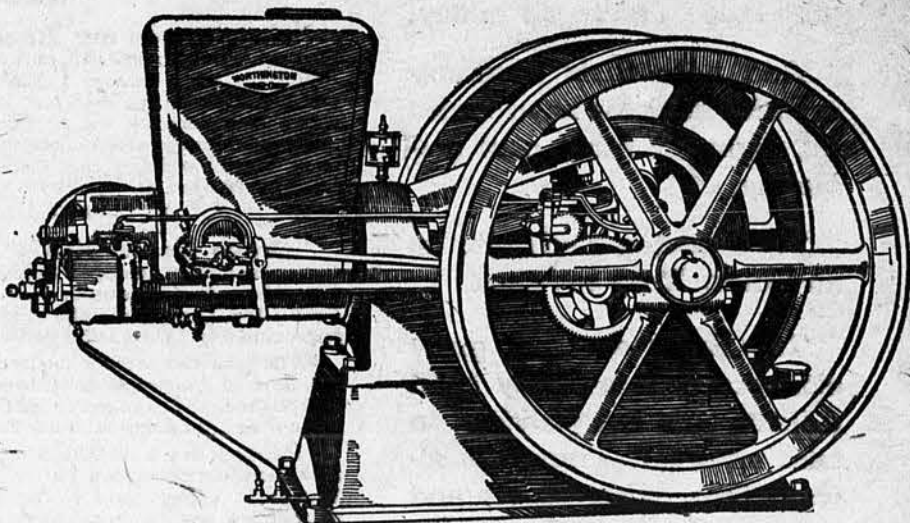
For sale by all grocers

WORTHINGTON

KEROSENE

ENGINES

FROM
1½ TO 25 H.P.
STATIONARY
AND
PORTABLE



THE ENGINE OF TODAY

THE conservative buyer selects the WORTHINGTON Engine because it just exactly fills the bill and the price is absolutely right. Dollar for dollar you get the most satisfaction and the greatest value for your money.

WORTHINGTON Engines are substantially constructed. They have the Power! They operate on the cheapest fuels! Are easily started in the most severe weather! The speed is uniform and they are entirely dependable!

If you do not now own one of these engines, it will be to your advantage to write us for full information and name of nearest dealer. Large catalog free upon request. Use the Coupon.

Write for Catalog G

**WORTHINGTON PUMP
AND
MACHINERY CORPORATION**

114 Holthoff Place
CUDAHY, WIS., U. S. A.

Executive Offices: 115 Broadway, New York City

R³

Worthington Pump and Machinery Corporation
114 Holthoff Place, Cudahy, Wis.
Please send me Catalog G and full information regarding
WORTHINGTON Engines. Also name of nearest
dealer.
Name
Town
State
R.F.D.



Read What "Hard Drivers" Write of Essex Reliability

They say that under severest service the Essex stays solid, tight, and free of noises, with little or no repair outlay.

And note their economy experience. Some have owned six, eight, or more cars previously.

Their next car will also be an Essex. They say that.

The Essex does not grow old, because it is rigidly built. Adjustments are provided to take up wear. Thus it is always firm, quiet, smooth and easy riding.

Your dealer will gladly explain wherein Essex duplicates costly car construction.

"I cannot imagine more abusive service—than I have given my Essex in 15,000 miles of prospecting work, in virgin, rocky country. Running as well today as when I got it. Two other cars in the same kind of service are 'shot'."

G. G. SAWTELLE, Pawhuska, Okla.

"Have driven my Essex 16,400 miles. Had driven eight different makes of light cars, and none would last me a season. I drive a car hard—bad roads, all weather. Upkeep has been practically nothing. Its remarkable performance and the satisfaction it has given has led to many more Essex sales as I believe I have been instrumental in selling more Essex cars than any of your salesmen. I have never been bothered with squeaks or rattles."

A. I. BRUETT, A. I. Bruett Piano Co., Milwaukee

"Drove Essex 20,354 miles in 7 months. Gas consumption averaged 19 miles to the gallon. Twenty-four gallons of oil were used. No repairs whatever were made during this period, and the engine was not cleaned until approximately 12,000 miles had been covered."

"I have driven cars for the last 6 or 7 years. Cars, with me, have to do exceptionally heavy service, and this year will be the first I have ever used the same car for the second season, as I am doing with my Essex."

"My work as a travelling salesman, necessitates covering four Canadian provinces. Part of my way lies through the Metepedia Valley; the roads are so narrow that it is necessary before starting to remove the windshield and top and to bandage the body and mud-guards with heavy cotton in order to keep the finish from being destroyed by the branches and bushes at the sides of the roads."

"Naturally it would be hard to sell me anything but an Essex in the future—not only for endurance, but for get-away, 'pep' and all around performance."

P. E. GUAY, Sherbrooke, Quebec

ESSEX MOTORS, DETROIT, MICHIGAN



Two Live Rabbits FOR YOU S-O-W-B-L-L

What is the mother rabbit's name? Fill in the blank spaces above and you will have her name. Try it.

Write Uncle Dick and tell him the name of the mother rabbit, and he will tell you how you can get two real live Rabbits Free. They are the prettiest Rabbits you ever saw. Some are white with pink eyes, some are black and white, some red and some gray. Each one is tame and will make a dandy playmate for any boy or girl. Be the first in your neighborhood to get a pair of Uncle Dick's Rabbits.

Uncle Dick has a pair of Rabbits for every boy and girl so be sure to write and tell him your name and address TODAY, and he will send you his big FREE Rabbit offer. Address your letters to

UNCLE DICK

51 Capper Building, Topeka, Kans.

WHEN WRITING OUR ADVERTISERS PLEASE MENTION THIS PAPER

Gas Will Cut Your Wheat

BY FRANK A. MECKEL

The gasoline engine for operating the cutting and binding attachments of the grain binders is becoming increasingly popular. In fields of heavy grain, especially if the ground is rather soft, the bull wheel slips, and the binder soon clogs with a surplus of cut grain. The elevators become full of straw and the grain is shattered unduly. The horses are overloaded and soon give out, and the harvest is delayed.

With a small gasoline engine attached to the binder to operate the cutting and binding mechanisms, the teams may be slowed up or stopped when extra heavy grain is encountered, and the engine will elevate and bind what grain is on the platform canvas and clear the deck for further action before the teams are started.

This season promises to bring forth grain with abnormally heavy straw, and it is under such conditions that the binder engine is of greatest value to farmers. The ideal binder engine is one which is small, yet powerful; light, portable, and very compact, and one which cannot go wrong, for during harvest farmers cannot afford to be tied up with balky machinery, or with machinery needing constant attention.

The binder engine is attached to a special frame mounted on the binder itself. The drive chain is removed from the bull wheel, and a sprocket is placed on the end of the counter shaft and operated with a chain run direct from the engine. The only load thrown on the horses is that of hauling the binder.

There are several binder engines now in use over the country. Some are rather well known while others are not. They are found in both water cooled and air cooled types, with the water cooled somewhat in the majority. The greatest difficulty encountered with the water cooled engines has been that it has been necessary to mount a water tank and radiator for the cooling water and this has been a serious objection from the farmer's standpoint. In this respect the air cooled engine has found favor in the eyes of many, but here again one gets certain complaints of overheating and loss of power when power is most required.

A new type of water cooled engine has been developed recently by a concern which is specializing in the manufacture of a real general utility farm engine. It is designed by the foremost designer of light weight farm engines in the country and has been tried and found good.

This engine is rated at 5 horsepower, which is ample for the job of operating the binder and cutting mechanism on any binder up to the 8-foot size. It is very light and compact, weighing less than 50 pounds for each horsepower developed. It is practically fool and trouble proof, and requires no attention other than seeing to the supply of fuel and oil. There are no oil holes or grease cups that need filling, for every part is enclosed and automatically lubricated in a very simple manner. No extra mounting for a fuel tank is necessary, for all fuel is carried right in the base of the engine, and the radiator is inside the flywheel. The cooling system operates successfully with only 5 quarts of water and this is carried in the flywheel radiator and a small iron bottle bolted on the engine itself. The ignition is cared for by a high tension magneto of a very reliable make, and the engine is giving satisfaction in the wheat fields of the Middle West and the rice fields of the South. It is a general utility motor which may be removed from the binder and placed on a potato digger, a wood saw, grinding mill, power sprayer, light plant, water pump or any place where power is required.

Willys Makes Sharp Slash

One of the most marked price cuts made recently, and one which will be of considerable interest to readers of the Kansas Farmer and Mail and Breeze is the reduction recently announced by the manufacturers of the Willys Light plant. The announcement is made by the Willys Light division of the Electric Auto-Lite Corporation that the price of the Willys plant had been reduced \$100. This is the part which this company is playing in the business readjustment, and it promises to be a big part. With such reductions, farmers will be able to consider the purchase of farm electric plants this summer.

Only \$2 DOWN ONE YEAR TO PAY

\$44 Buys the New Butterfly Jr. No. 2 1/2

Light running, easy cleaning, close skimming, durable, EASY TO CLEAN

NEW BUTTERFLY Jr. guaranteed a lifetime against defects in material and workmanship. Made also in four larger sizes up to No. 8 shown here; sold on 30 DAYS' FREE TRIAL

Send on a plan whereby they earn their own cost and more by what they save. Postal brings Free Catalog Folder. Buy from the manufacturer and save money.

ALBAUGH-DOVER CO., 2177 Marshall St. Chicago

Money Buys More

in work-clothing value—more comfort and durability—when you expressly call for

FITZ OVERALLS

Out of 66 sizes, select your exact fit. Every pair made of heavy blue denim and guaranteed to give full satisfaction. Your dealer will supply you from stock or by special order (in 24 hours) from

BURNHAM-MUNGER-ROOT
Kansas City, Missouri.

Cockleburs

By Ray Yarnell

"I'm in favor of joining an organization," remarked Sad Sawyer, "but I object to permitting it to exercise my judgment. I'm pretty good at that myself."

"When I look into a mule's eye and see a sparkle," says a gentleman who raises them, "I always take a wide circle around his heels."

If Congress passes board of trade control legislation, declares the president of the Chicago Board of Trade, he will close up shop.

The esteemed president of the Chicago Board of "Swap Nothing for Something" may be right. We have no business to question his statement. But what, we rise to inquire is, not that we care to know particularly, what if he does?

The column hereby permits an interested reader to remove some of its hide. The column has plenty of hide. It requests, however, that any sections removed be properly tanned and preserved.

"What business have you got," reads the communication, "to criticize the farmer for playing golf. It is a noble game with an enviable record in history. Any farmer should be proud to play golf. It affords him time for reflection and the exercise that is needed to keep any person in good physical trim. Why deny the farmer participation in the joys of city men? He has as much right to belong to a golf club as a banker or a merchant. And he can hit the ball harder. I'll bet a spring pig against a pound of raisins that, if they were given the chance, farmers would produce the next amateur champion of America. Lay off your unjustified assault on the golf playing farmers of Kansas. You probably couldn't make a nine-hole course in 110."

We admit the inability to make a nine-hole course in 110 or 1110 for that matter. Why hesitate over the mere matter of numbers? Why make a nine-hole course at all?

But in the matter of criticism of golf-playing farmers, the column desires to present a brief. Comments on rural golf are being presented strictly as a matter of news. The readers are permitted in every case to draw their own conclusions. And as a mark of sincerity of purpose the column is willing to lay a few chips in the pot to back a farmer golf player for amateur champion if the "contrib" will produce him.

The man who milks the bossy doesn't always drink the milk.

The Kansas Free Fair

The new premium list of the Kansas Free Fair for 1921 is now ready for distribution and copies may be had by addressing Phil Eastman, secretary of the Kansas Free Fair association at Topeka, Kan. A large list of new and valuable premiums will be offered that should prove to be of interest to every farmer planning to attend this big free farm exposition.

Breeding Stock Wanted

Oklahoma farms are being stocked with hogs again after an 11-year decline in the hog population. Hogs are saving expense and making money for the comparatively few farmers who have kept their herds, and their thousands of neighbors realizing the fact, are stocking up, too.

Kansas breeders (small breeders as well as large) have an opportunity now to develop trade in a territory that will be buying good seed stock for years to come. Advertisements written for this class of buyers should be started in the Oklahoma Farmer and kept there as nearly continuously as practicable, changing the wording, of course, to keep them up-to-date. Large advertisements are not necessary; probably not desirable excepting in case of public sales or some special emergencies. A campaign for Oklahoma business such as you would con-

duct for your home state trade is best; a moderate sized card kept effective by timely copy changes. Just extend your instructions for advertising in the Kansas Farmer-Mail and Breeze to include the Oklahoma Farmer. Hand them to our fieldman in your territory or mail direct to the headquarter's address below. For the breeder suitably located, it is sound business to cultivate home trade and Oklahoma trade together. The Oklahoma Farmer and Kansas Farmer-Mail and Breeze together give the most complete advertising to farmers and new breeders of Kansas, Oklahoma, Texas and Colorado it is possible to buy.

Address your instructions: T. W. Morse, director of the livestock service, Capper Farm Press, Topeka, Kan.

Pooling Not the Safest Way

BY RAY YARNELL

Several hours of discussion, during which all phases of the subject were considered, served to convince the members of the executive committee of the Kansas agricultural council that the grain marketing plan of the United States Grain Growers, Inc., worked out by the Committee of Seventeen, is the most practicable method of marketing wheat and other grains and should be adopted generally by Kansas farmers. Only one vote was cast against the motion to approve that plan.

Representatives of both the United States Grain Growers, Inc., and the National Wheat Growers association offered and discussed their plans. Representing the United States Grain Growers, Inc., were Senator H. W. Avery of Clay county and R. C. Wheat Growers association.

Representatives of farmer organizations who are members of the executive committee of the agricultural council, and officers present were: state board of agriculture, Dr. O. O. Wolf, Ottawa; Kansas Farmers Union, John Tromble, Beloit; Kansas board of horticulture, O. F. Whitney, alternate for W. B. Vining; Kansas State Grange, W. T. Dickson, alternate for B. Needham; Kansas Co-operative Grain Dealers association, J. B. Brown, Hutchinson; Kansas Equity Union, John L. Boles, Liberal; Kansas State Livestock association, J. H. Mercer; Kansas Farm Bureau, Ralph Snyder, Oskaloosa, and J. C. Mohler, secretary of the Kansas state board of agriculture and the Kansas Agricultural Council.

A National Jersey Week

The management of the Jersey Cattle Record Association has adopted the popular plan of designating a week for special nation-wide efforts in the interest of Jerseys. A bulletin has gone out to all breeders, and all state and local associations, outlining programs, not only for them, but for all dealers, dairymen, county agents, commercial clubs, juvenile clubs, banks and others they may be able to interest and influence. Signs, window displays and variety of literature for distribution will be provided. It is about the most comprehensive plan for a "drive" that has been promulgated in the interest of any breed of farm animals.

Memorial Day

It's the Old Soldiers' Day and they're coming down the street
With a band and the flag that they follow
once again;
There's the roll of the drums and the steady crunch of feet
In their ranks swinging by who one time were fighting men.
There they are in their blue and their tin hats and O. D.
In their youth and their age, for their canes are aiding some;
And the whole town is out and the kiddies shriek with glee
As the old soldiers march to the cadence of the drum.

And some were there at Gettysburg
And some at San Juan,
And some went roaring forward
In the steel-swept, mad Argonne.

It's the Old Soldiers' Day, sixty-one to seventeen,
And the blare of their band on the air is throbbing deep;
There are cheers, there are tears, and the smile that comes between,
It's the hour of their pride—and the memories they keep.
Oh, the lilt of the tune and the shouts that ring so true!
And the flags on the roofs that are fair and freely blow!
And the flowers and the wreaths for the khaki and the blue
As the old soldiers go to do honor to their own.

And some were there at Gettysburg
And some at San Juan,
And some still hold the ground they won
Within the red Argonne.
—Stewart M. Emery.



THE man who expects quick action when he "steps on it"—the man who wants his motor to hump, not thump; the man who insists upon power, energy, life and a full day's work every day from his tractor, automobile or truck, is the man who appreciates En-ar-co Motor Oil. You're that kind of a man and you should not be satisfied until you've tried En-ar-co.

En-ar-co
SCIENTIFICALLY REFINED
MOTOR OIL

The Oil of a Million Tests

Produced by men who know the oil business and oil refining from A to Z—men who take a pride in their product. With them it is not how much oil from a given amount of crude petroleum, but how good.

The result is an oil that is all oil—an oil that holds its body longer, lubricates better, prevents carbon, saves wear on working parts and keeps your motor out of the repair shop. You owe it to your motor to try En-ar-co Motor Oil, and other En-ar-co quality products.

En-ar-co Gear Compound—for gears, differentials, transmissions.
White Rose Gasoline—pure, clean, powerful. National Light Oil—for tractor fuel, lamps, stoves, incubators.

Send the coupon for the fascinating Auto Game—FREE. Get this game. It's full of fun and interest. Every member of the family will enjoy playing it.

THE NATIONAL REFINING COMPANY

NATIONAL HEADQUARTERS

C-713 National Building, Cleveland, Ohio
4 Modern Refineries—97 Branch Offices

EN-AR-CO—Auto Game FREE!

The National Refining Co., C-713 National Building, Cleveland, Ohio
Enclosed find 2-cent stamp to partially cover postage and packing. Send En-ar-co Auto Game. I have never received an En-ar-co Game.

My name is..... St. or R. F. D. No.....

Postoffice..... County..... State.....

I own a..... My Dealer.....

(Auto or Truck)

located at..... cannot supply me. Quote prices on or ship at once:

.....gallons White Rose Gasoline.....gallons National Light Oil.....lbs. Black Beauty Axle Grease.

.....gallons En-ar-co Motor Oil.....lbs. En-ar-co Gear Compound.....gallons En-ar-co Valve Oil.

WHEN WRITING TO OUR ADVERTISERS MENTION KANSAS FARMER AND MAIL AND BREEZE. THIS WILL INSURE YOU GOOD SERVICE.

Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—

The Lay of the White Cross

Oh, little white cross on the field of France
Far over a mighty sea,
You have a story to tell perchance,
Come, tell it all to me.
You seem to be so silent and still,
What do you guard so well?
Standing alone at the foot of the hill,
You have a tale to tell.

You're not as cold as you seem, little cross,
You guard a mother's joy,
Buried beneath you is Youth's bright dream
Asleep with the soldier boy;
Ashes of a home lie buried there
Beneath your arms of white,
For you took a loved one in your care,
After the long day's fight.

Does it ever seem when the night winds blow
About the crosses at play,
That they bear, as they softly come and go,
The strains of a wedding lay?
And does it seem when the poppies nod
Thru the lonely wood and dell,
That faintly over the hallowed sod,
There echoes a wedding bell?

Doesn't it seem that the stars on high
Are but suns of a bridal day?
And the night breathes a love that never
can die
Or be lost, and buried away?
Oh, yes, little cross, you stand so still,
But you know what the breezes say,
And you'll keep his love for her until
God gives her to him some day.
—Rachel A. Garrett.

Farm Home News

BY MRS. DORA L. THOMPSON

It is not always true that the cheapest is the most expensive. However, in some instances, we think the proverb seldom fails. One such instance is in the purchase of linoleum. Good linoleum, well cared for, will make a presentable floor covering for years. Poor linoleum, however well treated, will show wear. In the average farm home, linoleum is the most desirable covering for dining room and kitchen floors. In both rooms, it needs to be of such quality that it will stand the test of wear.

There are several ways in which we can help linoleum to keep a bright appearance. The first way is by refraining from the use of washing powder or strong soap in the water used in cleaning. Before the varnish of the linoleum is entirely worn off, it is a good plan to use a clear varnish and brush a thin coat over the linoleum. The best success is attained when the linoleum is perfectly clean and dry. If

Answer to Dick's Questions

DICK was a young man who had confined his life to the business of making good in his chosen vocation. He had not had time to mix much with other young folks, so knew little about social etiquette. An invitation to a party brought a problem. Of course he would go, but was he expected to write a note of acceptance? If so, how should he word it?

Many persons, young and old, are confronted with similar puzzling questions. "Etiquette for All Occasions," a pamphlet recently compiled by our etiquette editor, will solve them. If you wish this pamphlet, send 15 cents in stamps or silver to the Etiquette Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.

the linoleum is dark in color, oil may be applied instead of varnish. Some persons have found a coat of wax such as is used on floors a good preservative. This is especially true where the linoleum is around a rug or where it is in need of little cleaning.

One could easily become eloquent over the possibilities of paint. We should like to mention one use as a safety device. In many old houses there are trap doors in the floors that open over cellar stairs. Sometimes the door is in a dark corner or in a small dark pantry. Sooner or later, this means a fall for someone. Especially

is such likely to be the case if a stranger is helping with the work. One housekeeper painted the trap door white and the rest of the floor another color. Another painted the top cellar step white. She found this such a help that she also painted the bottom step white. Electric lights may save the need of such precautions, but not all homes are so equipped and a little paint may save someone a bad fall.

Women's Service Corner

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

Burnt Sugar Cake

Would you please print a recipe for burnt sugar cake and icing?—Mrs. S. R.

For the burnt sugar sirup, place 1 cup of sugar over a low flame, stirring constantly until the sugar reaches a clear brown liquid. Then add $\frac{1}{2}$ cup of boiling water and boil until like sirup. To make the cake, cream $\frac{1}{2}$ cup of butter and $1\frac{1}{2}$ cups of sugar, add 1 cup of cold water, the well beaten yolks of 2 eggs and 2 teaspoons of baking powder sifted with $2\frac{1}{2}$ cups of flour. Mix the ingredients well, flavor with 2 teaspoons of the burnt sugar sirup and 1 teaspoon of vanilla, and lastly fold in the stiffly beaten whites of the eggs. Bake either in layers or a loaf. If the former method is used, put together with the following icing: Boil together until it spins a thread, $1\frac{1}{2}$ cups of sugar, $\frac{1}{2}$ cup of water and 2 teaspoons of the burnt sugar sirup, and pour boiling hot over

the stiffly beaten whites of 2 eggs. Beat until it is ready to spread.

Concerning Pressure Cookers

Will you please tell me where I can get a steam pressure cooker?—Mrs. R. A.

For definite information concerning pressure cookers write to C. M. Dunworth, Albert Sechrist Pressure Cooker Co., 1717 Logan Ave., Denver, Colo.

Watering House Plants

Please tell me how often house plants should be watered and the proper method. —Mrs. M. K.

Persons frequently make the mistake of watering house plants too often. The surface soil is dry and it seems the plant is thirsty, while in reality the roots are moist. The soil around the plant should be allowed to dry thoroughly before the plant is watered and then it should be watered thoroughly.

Mending China

Will you please tell me how to mend china?—Mrs. O. M.

Mix 1 teaspoon of alum and 1 tablespoon of water and place in a hot oven until transparent. Wash the broken pieces of china in hot water and while warm, coat thinly and quickly, as the preparation sticks instantly.

How to Clean White Furs

I should like to know how to clean my white furs.—Mrs. L. F.

Plaster of Paris, Fuller's earth, cornstarch, flour, cornmeal or powdered magnesia and salt are good for cleaning white furs. Rub the powder selected well into the fur, applying it with the hands; then gently beat the material on the skin side.

New Flavor for Old Recipes

Honey is a Delectable Substitute for Sugar

BY MRS. IDA MIGLIARIO

HONEY can be used in place of sugar in cookery if one understands how the two compare in sweetness and water content. It is desirable to know that 1 cup of honey corresponds to a little more than 1 cup of sugar. It is then safe to estimate that a cup of honey will sweeten a dish as much as a cup of sugar.

Because there is about 1-5 cup of water in every cup of honey one would need to use 1-5 cup less of milk or other liquid called for in the recipe. It has been found that one can decrease the amount of liquid one-fourth and the results will be entirely satisfactory.

A batter or dough made with honey will not only offer a variety of flavor but bread or cake will keep moist much longer. A honey cake made with butter will keep its quality until the butter becomes rancid; if made without butter it will keep indefinitely.

If these facts are kept in mind special honey recipes are not necessary. However the following recipes have been tested and found to be very delectable.

Honey Rice Pudding

$\frac{3}{4}$ cup rice	$1\frac{1}{2}$ cups milk
$\frac{1}{2}$ cup honey	$\frac{1}{2}$ cup raisins
1 egg	Pinch salt
	Pinch cinnamon

Cook rice in salted water. Drain. Mix all other ingredients with cooked rice except cinnamon. Put in buttered baking dish, sprinkle with cinnamon and bake in moderate oven until thick and brown. Serve cold.

Honey Tapioca

2 tablespoons tapioca	2 tablespoons honey
1 cup milk	$\frac{1}{4}$ teaspoon salt
2 eggs	1 teaspoon vanilla

Cook the tapioca and milk in a double boiler until the mixture is transparent, stirring constantly. Add the yolks of the eggs beaten well. Combine with honey and salt. Cook until the mixture thickens then add the beaten whites of eggs and continue

stirring 3 minutes. Remove from fire and when cool add vanilla. Serve cold.

Honey Drops

$\frac{1}{2}$ cup honey	$\frac{1}{2}$ cup flour [powder]
1 teaspoon butter	1 teaspoon baking
1 egg	Pinch salt

Blend honey and butter with well beaten egg. Add flour sifted with baking powder and salt. Drop by spoonfuls on a buttered tin. Bake in a hot oven. These proportions will make 20 cakes.

Honey Nut Bread

3 cups flour	$\frac{1}{4}$ cup milk
2 tablespoons butter	1 egg white, beaten
$\frac{1}{2}$ cup honey	1 cup nuts, chopped
1 compressed yeast	2 teaspoons salt

Dissolve yeast in warm milk. Add 1 tablespoon of the honey and $1\frac{1}{2}$ cups of flour, beating thoroughly. Set in warm place to rise. When light add the remainder of the honey and flour and the rest of the ingredients. Knead well and place in a greased bowl to rise until double in bulk. Shape into a loaf, let rise and bake in a slow oven.

Honey Cake

$\frac{1}{2}$ cup butter	1 teaspoon soda
1 cup honey	$\frac{1}{2}$ teaspoon cinnamon
1 egg	$\frac{1}{2}$ teaspoon ginger
$\frac{1}{2}$ cup sour milk	4 cups flour

Rub the butter and honey together; add the egg well beaten, then the sour milk and the flour sifted with the soda and spices. Bake in a shallow pan.

Honey Sponge Cake

$\frac{1}{2}$ cup sugar	4 eggs
$\frac{1}{2}$ cup honey	1 cup sifted flour

Mix the sugar and honey and beat until the sirup will spin a thread from the spoon. Pour the sirup over the yolks of the eggs which have been beaten until light. Beat the mixture until cold; then add the flour. Cut and fold the beaten egg whites into the mixture. Bake in a slow oven 50 minutes in a pan lined with buttered paper. (This cake can be made with 1 cup of unheated honey in place of the honey and sugar sirup but the quality will not be so good.)

Cool Summer Frocks



1012—Women's Dress. This dress is cut in one piece from neck to hem, requires little fitting and is easy to make. Sizes 36, 38, 40 and 42 inches bust measure.

1010—Women's Dress. Organdie ruffling is a popular trimming for summer dresses. This youthful style is made with kimono sleeves and a plain gathered skirt. Sizes 36, 38, 40 and 42 inches bust measure.

1041—Women's and Misses' Dress. Dotted Swiss or organdie are selected for this unusually becoming style. Panels are suspended from the shoulders over a plain kimono waist. An apron tunic with applied trimming bands lends attractiveness to the skirt. Sizes 16 years and 36, 38, 40 and 42 inches bust measure.

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

Silver Cleaned by "Magic"

BY MRS. NELL B. NICHOLS

An aluminum pan partly filled with boiling water, a pinch of salt and a bit of soda—then it's goodbye to the tarnish on silverware. It sounds like a myth and a theory, but it works. That's the important part.

Rubbing with a silver polish after the aluminum treatment gives the desired high polish, but the tarnish, the black color, is gone before the polish is applied.

Here's all there is to this method of cleaning silver. If the silverware is placed in an old aluminum kettle in which 1 teaspoonful of baking or washing soda and the same amount of salt have been added to every quart of boiling water, the tarnish is dissolved.

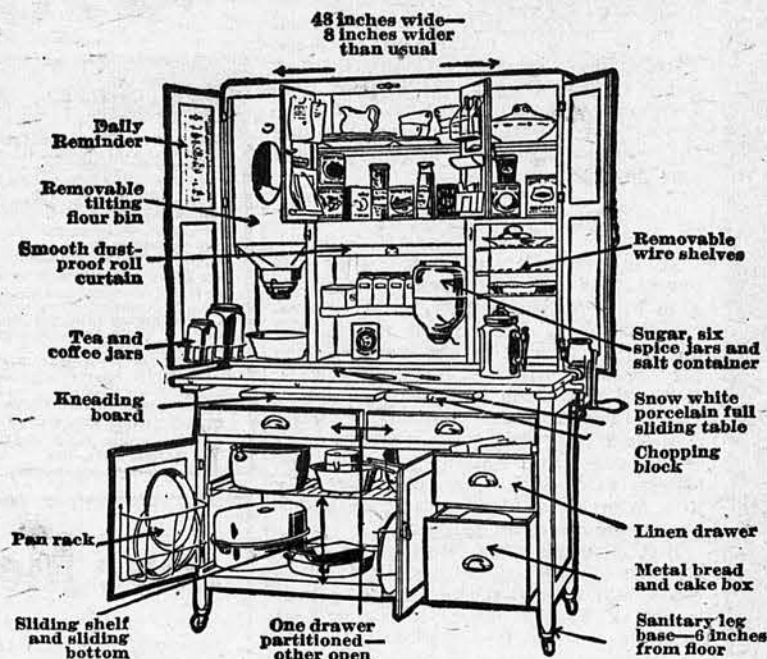
One does not need to use the aluminum pan if he does not have one suitable for this purpose. Small disks or plates of this metal can be purchased on the market today; when they are placed in any kettle and one piece of silver touches the aluminum, no matter how small the piece of metal is, the same results are obtained as if the whole kettle were aluminum.

After the tarnish is gone, the pieces of silver are rubbed quickly with a good polish paste or powder, then washed and dried. That's the process which requires little work and gives big results.



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The more scientific arrangement of the Napanee is the reason why it saves more work and more time. It is designed to make fewer movements necessary in the kitchen. Its design and its conveniences are triumphs of scientific ingenuity. It is the favorite everywhere.

The construction of the Napanee is another reason for its superiority. It is built like fine furniture to last for generations. Its builders are not carpenters. They are master cabinet makers.

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The dealers have been chosen because of their high ideals of merchandising and service to customers. The one nearest you will gladly show you the many superiorities of the Napanee Dutch Kitchenet. Or if you wish to study the Napanee at home, send the coupon and we will send you an illustrated catalog and full information. Send it now so you won't forget.

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

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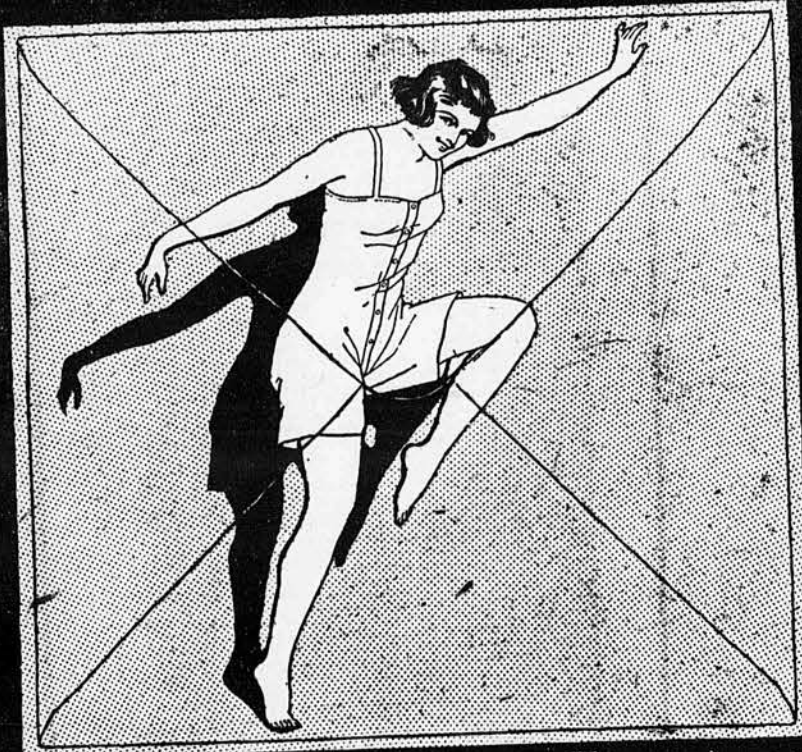
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For Our Young Readers

BY KATHLEEN ROGAN

Where is the best place to go when you are broke? The key to this puzzle lies in the differently shaped marks under the letters. If you can answer the question, send your answers to the Puzzle Editor, the Kansas Farmer and Mail and Breeze, Topeka, Kan.



Solution May 14 Puzzle—Who Never Cried Over Spilt Milk? Kitty. The winners of the postcards are Gerald Schumaker, Estella May Swengel, Gladys Barney, John Green, Cletus Wilch and Bob Dawson. The winner of the prize offered for the best letter accompanying this puzzle will be announced later and the letter printed.

Do Birds Reason?

It is generally conceded that the parrot has an intelligence which is akin to a reasoning power. At a parrot show held some years ago in the north of England prizes were offered for birds of the best talking powers. Most of the birds had been exhibited and induced to make remarks. Finally, a quiet acting gray parrot was let out of his cage, and looking about at the others, said with some surprise, "By jove, what a lot of parrots!" Needless to say, he won the prize.

But it might seem that other birds have this same reasoning ability. Two years ago a woodpecker made a nest in the decayed trunk of a cherry tree opposite my pantry window. It was an interesting process, from the time I first heard him pecking away at the bark. On each side of the hole, which was about the size of a silver dollar, two small air holes were made a little lower down and the nest was begun. While the woodpeckers were hollowing out the holes a pair of tiny wrens watched the work with much interest. They would leave their cosy house at the top of the honeysuckle lattice and watch the work from the top of the porch roof, or the limb of a tree close by. Here the woodpeckers raised two broods, and spent the season. Last May, before the woodpeckers came back, the little wrens appeared and appropriated the nest.

I watched the building with much anxiety, for I felt sure that Mr. Woodpecker would not take it kindly when he did get back. When at last they came, the wrens had the nest all finished, and little Mrs. Wren was sitting demurely in the hole, her tiny brown head at the opening.

Such a row as the woodpeckers made!

But after days of quarreling the father wren at last succeeded in driving them away and Mrs. Wren was permitted to have her brood in the woodpecker's nest. But the very first day that the baby wrens were out of the nest, taking a lesson in flying, back came the two woodpeckers and took possession of their nest. The two little wrens were forced to go back to the wren house for their second brood of the season.

This certainly seems akin to reasoning power of some order.

To farm boys and girls 137 acres of land is no novelty. But did any of you ever see 137 acres of floor space? That is what you would see if you visited the Amoskeag textile mills in New Hampshire—the largest of their kind in the world. The buildings of these mills are uniform and attractive and extend along the Merrimac, covering 137 acres. The mills produce about 50 million dollars worth of manufactured goods annually. 15,000 people are employed and weekly salaries amount to \$150,000. About 471 miles of cloth are woven in one day.

Donald Earley of Jamestown, Kan., says: "I enjoy your puzzles very much."

Iva Sneddon of Salida, Colo., says: "I think the Kansas Farmer and Mail and Breeze is one of the finest papers published."

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Illustration of a honey can and a box of honey.

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Illustration of the Liberty Grain Blower.

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Address your letter to GEO. COBB, 201 Capper Building, Topeka, Kansas

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Capper Poultry Club Doings

BY MRS. LUCILE ELLIS
Club Manager

Did you ever stop to think how much there is in a uniform? The very fact that others are dressed in the same manner that you are seems to give confidence and courage. Why, I don't believe our soldiers could have gone over the top so courageously if it hadn't been for their uniforms, which made one man seem like another. It made brothers of them, and the timid became brave men as men should be who wear a uniform denoting bravery.

County clubs all over Kansas are choosing uniforms. Why? Because they feel that a uniform is necessary if they are to do their best work. "We girls are going to wear white middies with blue skirts and ties," wrote Elva Howerton of Linn county. "We will have the word 'Linn' in blue letters on our middies. I noticed in the last story that Coffey county's colors also are blue and white." These seem to be popular colors all right, for Rooks and Miami have chosen them, too. The Republic county girls will wear pink and white check butterfly aprons with C. P. C. in white letters across the front. These teams and many others have their uniforms and are ready and eager to "go over the top" for the pep trophy.

A picnic, girls, a big picnic with lots of good things to eat, a program and a jolly time for all—that describes the Coffey county presentation which will be held at Burlington, Kan., June 8. And the best part of it all is that every club member who can attend is invited. If you don't live too far away and the weather is favorable, why not pack your lunch basket, jump in the car and make a little pleasure trip to see last year's trophy cup presented to the Coffey county girls? You'll go home afterward filled with the determination to earn the same honor for your county.

I don't know how it happens, but I have received more prize offers of Buff Orpington chickens than any other kind. A trio already had been offered for the girl making the best record with this breed, a cockerel for the member winning the most prizes at fairs and shows, also a cockerel for the girl raising the largest per cent of chicks hatched, when along came a letter from another Buff Orpington breeder. Mr. Eugene Bennett of Paola will give two \$10 cockerels. One will be a second prize in the pen department contest and the other will go to the girl in the baby chick department who makes the best grade. What do you think of that for co-operation?

Anna Greenwood, who is entering upon her fifth year's work as a member of the Capper Poultry club in Greenwood county, says: "Don't you think it speaks pretty good for the club when girls are members for five or more years? I do, and I think the Capper Poultry club is grand. There isn't much work connected with it, but it's lots of fun. Besides money from my chickens, I have won cash prizes three years out of four, also a \$10 trio and a \$5 cockerel. Last year, I made \$228.40 from my pen of eight pullets and cockerel. Then, too, I had my advertising free of charge. Watch out, girls, Greenwood county is in the race again this year peppier than ever."

I have 44 little chickens and five hens sitting. I do not feed my little chicks until they are between 36 and 48 hours old, then I give them some steel cut oats, charcoal and fresh water. After they are a few days old, I give them cracked wheat and bone meal. I keep plenty of sand for them. I weighed three of my oldest chickens the other day and they weighed 2 pounds and 10 ounces.—Doris Sniley, Sumner county.

Our colors are red, white and blue. We are also planning to have a motto, song and yell for our club. Won't that be fine? Next month we are going to invite the Finney county girls to our meeting. We girls have a breed club of our own, as we are all raising Buff Orpington chickens.—Nina Will, Kearny county.

My chickens surely are doing fine. I have 73 little ones, 15 of which are feathered out. Papa plowed part of my pen and sowed oats in it. They are up now, so my chickens have plenty of green feed. I keep a box of ashes in the pen so that my chickens can dust themselves.—Esther Evans, Rooks county.

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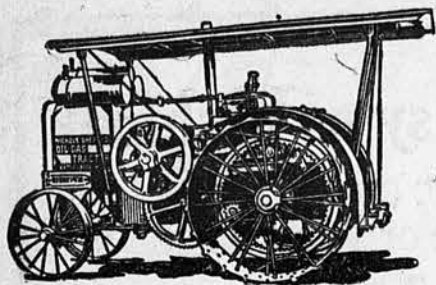
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It was designed with one purpose in view—to give the thresherman the ideal power he's always wanted in an oil-gas tractor. Built by men who have made a life specialty of building threshing outfits. It keeps the thresher running steadily under the most trying conditions and lasts for years.

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Pays for itself in saved grain. 12-inch inside ventilator—dries and cures grain perfectly. No wear or tear from fire, lightning, weather, rats, birds, vermin or thieves. 1-piece metal floor—guaranteed not to sag, warp or buckle. A new Martin feature. Interlocking, non-sagging patent joint seam roof. Reinforced door frame. Storm-proof anchorage. Easily erected—no up-keep cost.
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How? By feeding balanced mineral mixture to your sows and pigs. Here is what M. H. Knudsen of Ames, Ia., did. He writes: "We fed minerals to 30 brood gilts. Ten gilts, used as check, weren't fed minerals. Until farrowing no great difference was noticed. Gilts fed minerals had nearly twice as many pigs. Pigs had more vigor, bigger bones, larger heart girths and superior coats of hair."

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Direct From the Factory
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Big Slump in Growing Wheat

Condition Declined 9.4 Per Cent in Last Month

BY JOHN W. WILKINSON

MOST of the Kansas crops have not made satisfactory growth on account of the cool weather that prevailed until May 17 when warm weather arrived. The past week according to a recent report of S. D. Flora of the United States Weather Bureau at Topeka, was generally favorable for wheat except that hail storms did local damage in many localities. In Eastern Kansas there has been too much moisture and in Western Kansas too little moisture to insure satisfactory development of wheat and other crops.

In Central Kansas in many localities the wheat has a poor color and the stand seems to be rather thin. Red rust continues to appear in a number of counties in Eastern Kansas. From 50 to 90 per cent of the crop is in the boot while in Southern Kansas much of the wheat has already headed. In Northeastern Kansas about 50 per cent of the wheat is in the boot.

Lower Grain Yield This Year

The condition of Kansas winter wheat has declined 9.4 points in the past month, according to the May crop report issued recently by the Kansas state board of agriculture. The condition is placed at 77.4 per cent with an estimated yield of 115,300,000 bushels or 12.68 bushels to the acre. Should this yield be realized, says the report, it would be 25,341,000 bushels under last year's production but 11 million bushels above the five-year average. The May condition a year ago was 83.4.

Most of the corn has made a reasonably good start and is showing a fair stand despite the cool and unfavorable weather that prevailed early in the month. According to J. C. Mohler, secretary of the Kansas state board of agriculture about 4,654,000 acres will be planted to corn this year or 9.4 per cent less than in 1920. The general average of growing corn is 78.2 per cent as compared with 86.9 per cent last year. About 2,112,730 acres have been planted in oats which show a growing condition of 72.9 per cent. Other estimates made by Mr. Mohler are the following: Barley, 747,000 acres with a condition of 73.5 per cent; sorghums, 2 million acres or 12 per cent less than last year; potatoes, 47,000 acres with a condition of 85.2 per cent.

Increased Potato Acreage Reported

The potato acreage around Topeka has increased 35 per cent over last year, but from Topeka to Kansas City this increase will average 50 per cent. The greatest acreage is around Lawrence. It is estimated that near Topeka at least 3,450 acres of Irish potatoes have been planted.

The alfalfa general average of 59.2 per cent is the lowest ever reported. Damage from the pea aphids and late freezes has been heavy and possibly 15 per cent of the crop in Eastern Kansas will be plowed up.

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

Anderson—We have been having excellent weather the past week and a number of farmers are planting corn. There is some complaint of rust in wheat but other small grain looks good. Alfalfa is making a very poor growth. Butterfat is worth 25c and eggs are 14c.—J. W. Hendrix, May 20.

Brown—Wheat is making better growth since the rain, but a considerable amount of corn was washed out. Corn planting is nearly one-half completed. The ground is well soaked and pastures are excellent. Wheat is worth \$1.30; corn, 44c; cream, 22c and eggs are 16c; hogs, \$6.—A. C. Dannenberg, May 14.

Butler—Weather has been cool with two light frosts the past week. Wheat is excellent but oats and other growing stuff are in need of warmer weather. Some corn is up but looks yellow. There is plenty of moisture. Eggs are worth 14c and butter is from 15c to 20c.—Mrs. Charles Geer, May 14.

Cheyenne—The weather for the past 10 days has been favorable for growing crops, and we have had several good local showers. Corn planting is progressing satisfactorily. Wheat is excellent, except a few fields which look yellow. A considerable amount of wheat is being marketed. Wheat is worth \$1.20; butterfat, 21c and eggs are 13c, and groceries still are high.—F. M. Hurlock, May 19.

Clay—We have been having excellent weather the past week. There are some good fields of wheat but most of it is thin and short. Some of the wheat is heading but the heads are very short. Early listed corn is up but there is much corn to be planted yet. Pastures and meadows are excellent. Wheat is worth \$1.22; corn, 45c; poultry, 18c; flour, \$2.20; bran, 95c; butter-

fat, 23c and oats are 40c; hogs, \$7.25; shorts, \$1.15; eggs, 16c.—P. R. Forslund, May 14.

Cloud—We are enjoying excellent growing weather since our recent heavy rain, and pastures are making a rapid growth. Alfalfa is nearly ready for the first cutting and wheat is heading and, the short, it looks thrifty. Milk cows are in good condition. Corn is all planted and a large acreage of feed has been sown. Cream is worth 23c and eggs are 16c.—W. H. Plumly, May 20.

Douglas—Nearly all of the corn is planted but some will have to be replanted. Pastures are good. A few public sales are being held. Potatoes are fair. Green bugs have damaged alfalfa considerably and it will be late. There will be a little fruit and a fair crop of strawberries. Livestock prices are low. Wheat is excellent. Butter is worth 25c and hens are 18c; eggs from 18c to 20c; hogs, 7 1/2c.—O. L. Cox, May 19.

Edwards—We had two excellent rains the first part of the past week which were excellent for all crops. Corn is nearly all planted and the ground is in excellent condition. All we need is more sunshine and warmer nights. Alfalfa is growing rather slowly on account of the freezes.—Nickie Schmitt, May 14.

Elk—We have had good, growing weather the past week and everything has responded accordingly. Farmers are cultivating corn. We have had several showers during the past week. Corn planting has been delayed some but it is nearly completed. Wheat looks fairly well but is showing red rust in some places. Oats are growing slowly on account of the set back by the April freezes. Pastures are good. Farm help is more plentiful than for some time. Eggs are worth 15c and cream is 21c.—Charles Grant and D. W. Lockhart, May 14.

Ellis—We had two good rains May 7 and May 8 which were badly needed for spring crops. Corn and other spring crops are nearly all planted but are backward on account of the cool weather. Not many public sales are being held now but everything sells pretty well, except livestock which brings very low prices. Wheat is very backward. A considerable amount of wheat is being marketed. Wheat is worth \$1.30; corn, 65c; butterfat, 21c and eggs are 16c; shorts, \$1.25.—C. E. Erbert, May 14.

Ellsworth—We are having cool, cloudy weather with frequent rains. A large part of the planting is still to be done. Wheat is doing fairly well and oats and barley are beginning to revive. Grass is slow in starting but the ground is so wet that it will make a rapid growth when warm weather comes. Wheat is worth \$1.23; butter, 25c and eggs are 14c; potatoes, \$1.50.—W. L. Reed, May 14.

Gove and Sheridan—Wheat was damaged 45 per cent. Rain is needed. Spring grains look fair. A few public sales are being held but prices are poor. Land sales are few. The freeze got all the early gardens and fruit. Wire and cut worms are doing considerable damage to grains and gardens. Wheat is worth \$1.22; barley, 34c; cream, 22c; butter, 35c and oats are 30c; eggs, 13c.—John I. Aldrich, May 13.

Gray—We had a light rain May 14. We have been having favorable weather for wheat and barley but not so favorable for corn and kafir. Nearly all of the corn has been planted but very little is up yet. Wheat is just ready to head and indications are that there will be a good crop. Spring work is well advanced. Wheat is worth \$1.25; cream, 21c and eggs are 14c.—A. E. Alexander, May 14.

Greenwood—We have been having very cool weather and everything has been very backward. Some corn had to be replanted. Farmers are planting kafir and cultivating corn. Crop conditions are not satisfactory as it has been too cold and wet. Grass is excellent and stock is doing well.—John H. Fox, May 14.

Haskell—Wheat, barley and oats are making seasonal growths since the rain a week ago. Corn planting is nearly completed, and farmers are now planting kafir. Livestock is in good condition.—H. E. Tegarden, May 14.

Jackson—The weather is warming up again after three weeks of cold and disagreeable weather. The clover aphids has damaged alfalfa to some extent. The ground is in good condition and farmers are planting corn. Wheat looks fairly well but oats was damaged considerably by the freeze and some is being plowed up. Corn is worth 42c; wheat 95c and oats are 30c.—F. O. Grubbs, May 19.

Jefferson—There has been an unusual amount of rain the past month. The last rain flooded the lowlands and washed the ground considerably on the upland. Pastures are doing well and oats look better than they did. Corn in this part of the county will be late this spring.—Arthur Jones, May 14.

Labette—We are having dry weather at present and red rust is showing up in the wheat. Farmers are planting and cultivating corn. Oats are excellent. Strawberries are beginning to ripen. Horses are selling a little better than they did and cows still bring fair prices. Pigs are very scarce. Wheat is worth \$1.30; cream, 22c; corn, 40c; flour, \$1.85 and hens are 21c.—J. N. McLane, May 18.

Lincoln—The weather is getting dry and windy. We had a big rain and hail storm recently which did considerable damage in northeast part of the county. Corn planting is later than usual. Wheat is going to be unusually short. Oats and barley are not making much of a growth on account of the cold weather. Eggs are worth 16c and butterfat is 22c.—E. J. G. Wacker, May 18.

Linn—We had a heavy rain May 8 and a few showers since so farm work has been delayed considerably. Corn is nearly one-half planted and the early planting is up. Wheat and rye are in excellent condition. Alfalfa and clover seed are cheaper this spring than ordinarily. Lightning killed some stock in this county recently. Pastures are excellent. There are many fishing parties now. Cattle are worth 6c and 7 1/2c.—J. W. Clinesmith, May 19.

Nemaha—Corn planting is well advanced. We have had too much cold and wet weather for corn to thrive. From May 14 to the night of May 16 4 inches of rain fell and it has been cloudy most of the time since. We need some warm, sunny weather.—A. M. McCord, May 18.

Osage—Wheat is excellent but oats are growing slowly. Seventy-five per cent of the corn was planted before the storm. Potatoes never were better. Alfalfa is the

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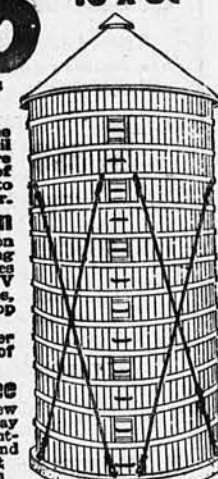
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most discouraging crop and the first cutting will be late and light. Alfalfa aphids has disappeared. The spring pig crop is prolific and healthy but light for lack of breeding stock. Kafir seed is plentiful at 50 cents but there is no market for it at elevators.—H. L. Ferris, May 19.

Phillips—Corn planting is nearly completed but there are other crops to be put in yet. Cattle are on pasture and are doing excellently. Wheat looks very well but the freezes have thinned it considerably. The first cutting of alfalfa is nearly ready.—J. M. Jensen, May 14.

Pottawatomie—On May 9 we had a heavy rain and hail which did considerable damage to all growing crops. One-half of the corn will have to be replanted. Fields have been too wet to list. Much fencing and many small bridges washed out. Farm help is plentiful. Farmers are letting the calves do the milking since butterfat has gone so low. Farm wages are from \$25 to \$35 a month.—F. E. Austin, May 13.

Republic—We had nearly 4 inches of rain and some hail on May 9. The effects of the late freeze are just now showing up in the wheat. Fields which look good from the road are found to be very thin and poorly stood. On an average, the prospects are not nearly as good this year as last year. Corn planting is being delayed by the wet weather. Butterfat is worth 26c; wheat, \$1.20 and eggs are 16c.—E. L. Shepard, May 12.

Riley—We have been having plenty of rain. In some fields corn has been washed out and other places furrows filled up. There is a considerable amount of corn to be planted when fields dry up. Wheat is very promising and there are not many insects so far. Pastures are excellent. Potatoes and garden stuff are growing rather slowly as it has been too wet and cold. Wheat is worth \$1.20; corn, 45c and eggs are 16c.—P. O. Hawkinson, May 14.

Rooks—I have sent samples of the wheat which is not growing satisfactorily to the agronomy department of the Kansas State Agricultural college and the opinion of the authorities there is that the late freeze this spring is the cause of the condition of the wheat at present and its unsatisfactory growth. Corn and other feeds are being plighted. Wheat is worth \$1.10; corn, 40c; butterfat, 22c and oats are 30c; eggs, 15c.—C. O. Thomas, May 19.

Stafford—We have been having local showers during the past week. The ground in wheat fields is very hard. Wheat is heading and some fields in sandy ground show very poor prospects. Corn planting is nearly completed and early corn is being cultivated.—H. A. Kachelman, May 14.

Stevens—On May 13 we had a general rain which was excellent for wheat. No kafir or milo has been planted and very little corn. A considerable amount of road work is being done and the ground is in excellent condition to work. Most of it has been worked over either by listing or blank listing. Farmers are summer fallowing ground for fall wheat. Cream is worth 26c and eggs are selling for 15c.—Monroe Traver, May 14.

Trego—We had two good rains during the past week. Wheat is beginning to joint. Oats and barley are excellent. Corn planting is progressing satisfactorily. Stock is on pasture. Wheat is worth \$1.25; corn, 60c; butter, 40c and oats are 60c; eggs, 15c.—C. C. Cross, May 19.

Wabunsee—Wheat is excellent. It is the only crop this cool weather is good for. Corn is all planted and a number of farmers are replanting. Potatoes are excellent. Pastures are good but this is not very good weather for gardens. Corn is worth 49c.—F. E. Marsh, May 16.

Washington—We had good rains on May 8 and 9 which were very much appreciated as the ground needed a good soaking. Oats are growing satisfactorily and wheat looks very good. Pastures are excellent and stock is doing well. Gardens are looking excellent and plants are being set out. A few farmers are not thru planting corn. An average acreage of corn will be planted. Butterfat is worth 23c; corn, 54c and eggs are 16c.—Ralph B. Cole, May 13.

Wilson—Very little farming has been done the past 10 days as it has been rainy and cool. Wheat has improved since the freezing weather, except on the lowlands and small fields have been replanted. Cattle are on pasture and are doing fairly well. There are very few cattle and hogs compared with three years ago. The outlook is bad for the producer as many of our best tenants have left the farm.—S. Canty, May 14.

Repair Old or Buy New?

The problem confronting many farmers today is, "Shall I buy a new machine or can I repair the old one and make it do?"

Perhaps the best way to find an answer to this question is to make a list of repair parts needed on the old machine and have a dealer make an estimate on the cost of these parts. In this way a farmer may determine for himself whether the service he will get from the repaired machine will balance the cost, efficiency, long life and service of a new one. If the repairs are rather costly and the old machine will not last but a few years after the repairs are made, it may be best and more economical to buy the new one now, but if the old one can be made serviceable and made to last for a reasonable length of time, it is economy to repair it.

Regardless of whether the decision is to buy a new one or repair the old one it is advisable to place the order for either the new machine or the repair parts now.

For National Holstein Meet

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cuse, N. Y., includes Prof. J. H. Frandsen, dairy editor of the Capper Farm Press. The chairman of the delegation is Dr. W. H. Mott, secretary of the Holstein-Friesian Association of Kansas. Associated with these men, directly interested in Holstein cattle, is George Catls of the Kansas City Chamber of Commerce, who carries to the national association, the invitation of Greater Kansas City to be its guest.

Cost of Producing Wheat

A detailed report of the survey showing the factors which enter into wheat production in various sections is contained in United States Department of Agriculture Bulletin 943, Cost of Producing Wheat, just published. Copies may be obtained free by applying to the United States Department of Agriculture, Washington, D. C.

Many Farms and Tenants

There are 6,449,242 farms in the United States, according to the Fourteenth Census. Of these 3,924,851 are operated by owners, 2,455,879 by tenants and 68,512 by managers. Kansas has 165,286 farms, of which 97,090 are operated by owners, 66,701 by tenants and 1,495 by managers.

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IOWA

FARMS FOR SALE without commission. Send for list, address Thomas May Co., Fraser, Ia.

MINNESOTA

PRODUCTIVE LANDS—Crop payment or easy terms. Along the Northern Pacific Ry. in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. Free literature. Say what state interests you. H. W. Byerly, 81 Northern Pac. Ry., St. Paul, Minn.

MICHIGAN

FARMS—Fruit, grain, dairy. For booklet list, write Hanson Agency, Hart, Mich.

600 ACRES, 200 cleared, bal. pasture, timber. House, barn, river, well; \$10 a., \$1,000 cash, \$200 year. Evans-Tinney Co., Fremont, Mich.

NEW YORK

265-ACRE FARM with 150,000 ft. hardwood saw timber. One set buildings, \$3,000, \$1,000 down. Coughlin's Farm Clearing House, Syracuse, New York.

MISSOURI

100 A., \$1,000. Imp. 80; \$2,000, \$500 cash. Other bargains. Blankenship & Son, Buffalo, Mo.

TRADES made everywhere. Describe property and tell me your wants. Duke, Adrian, Mo.

POOR MAN'S CHANCE—\$5 down, \$5 monthly buys forty acres grain, fruit, poultry land, some timber, near town, price \$200. Other bargains. Box 425-O, Carthage, Missouri.

MISSOURI, \$5 down, \$5 monthly buys 40 acres truck and poultry land near town southern Missouri. Price \$200. Send for bargain list. Box 276, Springfield, Mo.

FARMS AT AUCTION

Monday, May 30, 1921, near Lowry City, St. Clair county, Missouri. 450 acres in four separate farms, good improvements, best of soils, well watered. Terms, 10% sale day, 30% thirty days, balance five years 6%. Address C. D. Nesbit, Owner, Lowry City, Mo.

NEW MEXICO

15% guaranteed annual income for 4 years, or money back in 3 if dissatisfied. Guarantee secured. Farm for sale. P. R. Fuller, Las Cruces, N. M.

OKLAHOMA

FOR SALE—Cheapest good farms and pasture land in U. S. Write for list. Southern Realty Co., McAlester, Oklahoma.

BUSTED CATTLEMEN

Ranch place at Leach, Oklahoma. Fifteen miles in heart of free outside range. Adjoining town. Place to trade for and raise cattle. A chance to "come back." Terms. Bank of Fisher, Fisher, Oklahoma.

TEXAS

40 ACRES, Brazoria Co., Texas. Rich farming land. In oil belt. M. R. Ackley, 907 Morris Ave., Topeka, Kan.

140,000 ACRES

first class farm land will be sold in tracts of 160 acres or more, many improved farms included. This is a rare opportunity to acquire a home with small cash payment and liberal terms at a reasonable rate of interest. This land is being sold by the owners; no commission to pay; you buy direct from us and we make the terms to suit your convenience. If interested write for particulars, or better come and see. We guarantee the price cannot be duplicated. Come direct to my office. Write or wire when you are coming. A. M. James, Queen Bldg., Dalhart, Texas.

WASHINGTON

DO YOU WANT A HOME in a rich valley near Spokane, on three transcontinental railroads, where soil is good, rainfall ample, summers cool, winters moderate? The kind of stump land that pays to clear, where a farmer with \$1,500 can hope to succeed. Timothy and clover green eight months in year, natural dairy country; land cheap; 10 yearly payments at 6 per cent. Humbird Lumber Company, Box E, Sandpoint, Idaho.

MISCELLANEOUS

WRITE LETCHWORTH & SON, Commerce Bldg., Kansas City, Mo., for farm bargains.

SELL YOUR PROPERTY QUICKLY for cash, no matter where located, particulars free. Real Estate Salesman Co., 515 Brownell, Lincoln, Neb.

Farm & Ranch Loans

Kansas and Oklahoma

Lowest Current Rate
Quick Service. Liberal Option.
Interest Annual or Semi-Annual.
THE PIONEER MORTGAGE CO.,
TOPEKA, KANSAS.

SALE OR EXCHANGE

FOR EXCHANGES see or write I. N. Comp-ton, Valley Falls, Kansas.

TRADES—Now is the time to trade. Send me what you have. J. W. Staat, Emporia, Kansas.

WANT TO HEAR from party having farm for sale. Give particulars and lowest price. John J. Black, Capper St., Chippewa Falls, Wis.

FARMS, ranches, city property, merchandise for sale and exchange. Write us. Weeks & Shackelford, 1023 E. 31 St., Kansas City, Mo.

FOR SALE OR EXCHANGE—Ranches and farms. Would like to list good income property. E. E. Gabbart, Alva, Oklahoma.

FOR SALE OR TRADE—My new 9-room residence located in Lost Springs, Kansas. Will consider trade on wheat or pasture land. F. B. Severance, Lost Springs, Kan.

WANTS MERCHANDISE FOR 640 ACRES 5 miles town; 1/2 tillable, balance pasture, \$20, 300 acres, 1/2 mile town, 85 acres valley, \$50. Both clear. Gorham-Carter Land Company, Garden City, Kansas.

528 ACRES high class farm, only 22 miles south Kansas City in Belton district; choice property, want Kansas ranch. Mansfield Land & Loan Company, 415 Bonfils Bldg., Kansas City, Mo.

320 ACRES real wheat land, \$30 acre. Will take good jack and stallion as part payment at reasonable price. Also have 160 a. improved wheat land, well located, at \$45 a. Take some stock in trade. Both bargains. Joe McCune, R. R. B, Elkhart, Kansas.

320 ACRES, Lane Co. 160 acres broke and in crop, 160 acres grass, fenced, on rural route, school 1/2 mile. Price \$32.50 per acre. Will take 20 young registered cows, Short-horn or Herefords preferred. B. C. Brown, Bazine, Kansas.

REAL ESTATE WANTED

I HAVE CASH BUYERS for salable farms. Will deal with owners only. Give description and cash price. Morris M. Perkins, Box 378, Columbia, Mo.

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

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24.....	2.88	9.60	40.....	4.80	16.00
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We believe that every advertisement in this department is reliable and exercise the utmost care in accepting classified advertising. However, as practically everything advertised in this department has no fixed market value, and opinions as to worth vary, we cannot guarantee satisfaction. We cannot guarantee eggs to reach the buyer unbroken or to hatch, or that fowls or baby chicks will reach the destination alive. We will use our offices in attempting to adjust honest disputes between buyers and sellers, but will not attempt to settle minor disputes or bickerings in which the parties have vilified each other before appealing to us.

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

SERVICES OFFERED

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

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

SHOES REPAIRED BY EXPERT MODERN methods. Returned day received. Postage prepaid. Evans' Rapid Shoe Repair Shop, 714 Kansas Ave., Topeka, Kan.

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

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

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

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

BUSINESS OPPORTUNITIES

FOR SALE OR TRADE—GOOD HARDWARE stock in live town of 10,000. Invoice \$6,000. Established trade. This is a money maker. Will sell or trade for land. Write L. C. Farlin, Chanute, Kan.

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

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

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

EDUCATIONAL

FINLAY ENGINEERING COLLEGE, KANSAS CITY, MO. Mechanical, electrical, armature winding, auto-elec. 6 weeks to 2 years. Write for catalog. Enroll any time.

LIVESTOCK COMMISSION FIRMS

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

BUILDING SUPPLIES

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

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

MACHINERY

10-20 TITAN AND NEW 3-BOTTOM PLOW. Priced to sell. C. Meath, Humboldt, Kan.

10-20 TITAN AND 3-BOTTOM PLOW, first class shape, \$550. Jas. Miller, Chase, Kan.

20 HORSE DOUBLE CYLINDER REEVES steam engine, 33-56 separator, W. H. Morton, Altoona, Kan.

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

FOR SALE—AULTMAN-TAYLOR OUTFIT. 22-45 tractor, 30-inch separator. First class. Horn Bros., Garnett, Kan.

36-INCH STEEL CASE SEPARATOR, COM-plete, sell or trade for smaller machine. Clyde Miller, Route 1, Newton, Kan.

FOR SALE—MOGUL TRACTOR, 20x36 CASE separator, 3-14 plows, \$900. Will sell separate. Charles Davis, Princeton, Kan.

SANDERS EIGHT DISC PLOW, ONE frame, 28 inch discs, extra heavy type, plowed 600 acres, price \$200. G. E. Lee, Pratt, Kan.

FOR SALE—RUMELY OUTFIT, NEW LAST July, 20-40 tractor, 32x52 separator, 15-27 Case tractor, 3-bottom plow. W. H. Scham, Ness City, Kan.

FOR SALE—NILON SENIOR TRACTOR, Junior Red River Special Separator, La Crosse 4-bottom and 6-disc plows, and John Deere Blinder. J. F. Poos, Easton, Kansas.

ONE 16-32 OIL-PULL RUMELY TRACTOR nearly new. Used only about three weeks with good care and shedded. Also one New Racine 24-inch thrasher complete with extension feeder and one Ford with truck-body. To move at once will sell entire outfit for \$2,500. Graber Hdw. Co., Kingman, Kan.

FOR SALE—TRACTORS AND THRESH-ers. 18-35 Rumely Oil Pull; 28-48 Rumely separator; 10-20 Titan, rebuilt; 20-32 Racine separator, threshed 3,000 bushels; 25 H. P. Case steam engine; 33-56 Reeves separator; 25 H. P. Huber steam engine; 36-inch Case separator; 16 H. P. Case steam engine. Abilene Tractor & Truck Co., Abilene, Kan.

TRACTORS

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

DISCONTINUING TRACTOR BUSINESS. Will sacrifice new Cleveland tractor, model W. Write quick. W. W. Webb, Fargo, Okla.

SEEDS AND PLANTS

ALFALFA SEED, \$7 AND \$8 PER BUSHEL. J. F. Feigley, Enterprise, Kan.

SUDAN SEED, 3 CENTS PER LB., SACKS free. J. Thexton, Colony, Kan.

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

CHOICE RECLEANED SUDAN, 5 CENTS pound. Sacks free. Escoe Williams, Mayfield, Kan.

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

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

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

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

JAPANESE HONEY DRIP CANE AND African millet, fine seed. Jerry Howard, Mulvane, Kan.

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

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

SWEET POTATOES—NANCY HALL, YEL-low Jersey. Tomato, 50c 100, \$3 1,000. Cabbage, 50c 100, \$2.50 1,000. Mango peppers, \$1 100; dozen, 25c. A. M. Samuelson, R. 3, N. Topeka, Kan.

ALFALFA, \$7.50; RED OR BLACK AMBER cane seed, 90c; Orange, Sumac, \$1.10; fetterita, maize, Schrock kafir, kafir, \$1.10; millet, \$1.25; Sudan grass, \$5.50 cwt. Sacks furnished. Satisfaction guaranteed. Holzer Seed House, Russell, Kan.

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

FOR SALE

FOR SALE—HEDGE POSTS. R. L. GRA-ham, Quenemo, Kan.

HOSIERY

CHEAPEST AND BEST LISLE SOCKS ON earth. Four guaranteed pairs, 97c. Sent on credit for examination. Bet you don't know your size. Missouri Hosiery Mills, Dept. K2, Piedmont, Mo.

FOR THE TABLE

PINTO BEANS, \$3.50 CWT. C. BOHM, Stratton, Colo.

WANTED TO BUY

WANTED—GOOD, USED, SMALL SEPARA-tor. Robert Jewett, Burlington, Kan.

ORANGE CANE SEED, CARLOAD OR lesser quantity. Sample and write, Mitchell Seed Co., St. Joseph, Mo.

STRAYED

TAKEN UP BY L. W. BRIGGS, AT SHAW-nee, Johnson county, Kansas, on the 4th day of May, one long yearling female mule. Color brown-black. Appraised \$30. Nellie McCulley, County Clerk, Olathe, Kan.

PERSONAL

MISSING PERSONS LOCATED, FEES REA-sonable. Searcher Co., 807 Campbell, Kansas City, Mo.

VEIL MATERNITY HOSPITAL FOR young women, before and during confinement; private; terms to suit; babies adopted free. Mrs. C. M. Janes, 15 W. 31st, Kansas City, Mo.

TOBACCO

KENTUCKY TOBACCO—DIRECT FROM growers. Save 75% on your tobacco bill. Rich, mellow leaf, aged in bulk. Chewing and smoking. 3 lbs., \$1 postpaid. Kentucky Tobacco Ass'n, D340, Hawesville, Ky.

MISCELLANEOUS

GASOLINE IRONS FOR SALE, SATISFA-ction guaranteed. Write for price and description. Fannie Hamill, Tonganoxie, Kan.

WRITE US TO TELL YOU HOW YOU CAN save money on your weekly and monthly grocery bills. The Community Stores Co., Inc., Beloit, Kan.

AUTOMOBILE OIL, FORTY-THREE CENTS per gallon. Tests, gravity, 26; flash, 390; fire, 440; viscosity, 250 at 70. D. S. Troyer, Yoder, Kan.

FREE ENLARGEMENT 5x7 INCHES FROM each roll sent us for developing and finishing. Mail your films today, or send for prices and particulars. Topeka Photo Supply Co., Box 427, Topeka, Kan.

DOGS AND PONIES

ENGLISH SHEPHERD, SCOTCH COLLIES, and Rat Terriers, natural heelers, shipped on approval. H. W. Chestnut, Kincaid, Kan.

POULTRY

Anconas—Eggs

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

S. C. ANCONA EGGS, \$5 100, \$1 SETTING, prepaid. D. N. Miller, R. 5, Hutchinson, Kan.

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

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

BABY CHICKS

BLACK MINORCA CHICKS, \$13. EGGS, \$5 per 100. Catalog free. John Nead, Westphalia, Kan.

BABY CHICKS—PURE S. C. WHITE LEG-horns, \$1.50 per 100 June 20th. Mrs. Jeffers, Mildred, Kan.

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

WHITE AND BROWN LEGHORNS, \$9; Reds, White and Barred Rocks, Orpingtons and Anconas, \$11. Fleda Jenkins, Jewell, Kan.

S. C. WHITE LEGHORN CHICKS, TOM Baron strain, for June only, 12c each. Live delivery prepaid. Queen Hatchery, Clay Center, Kan.

BABY CHICKS—S. C. WHITE LEGHORNS, Barron-Tancred 238 egg strain, 12c postpaid, live delivery. Clay Center Hatchery, Clay Center, Kan.

REDUCED PRICES ON PURE BRED S. C. White Leghorn chicks, 12c postpaid, safe delivery guaranteed of strong chicks. C. G. Cook, Lyons, Kan.

BABY CHICKS—PURE BRED WHITE AND Brown Leghorns, \$11 per 100 for May, prepaid live delivery. Huber's Reliable Hatchery, Hiawatha, Kan.

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

PURE BRED CHICKS TO SHIP EVERY-where. Guaranteed alive or replaced free. Good Leghorns, 13c; heavy breeds, 15c. Order now; none shipped after June 8th. Sinex Hatchery, Smith Center, Kan.

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

YOUNKIN'S CHICKS—WHITE ROCKS, Barred Rocks, 15c; Brown Leghorns, White Leghorns, 12c; postpaid; live delivery. Younklin's Hatchery, Wakefield, Kan.

BABY CHICKS—PURE BRED, LEADING varieties, big husky chicks, best laying strains. Guaranteed. Prices right. Get catalog. Loup Valley Hatchery, Box 44, Cushing, Neb.

BABY CHICKS, EGGS—PURE BRED LEG-horns, Rocks, Reds, Orpingtons, Wyandottes; best laying strains. Postpaid. Reduced prices. Catalog free. Missouri Poultry Farms, Columbia, Mo.

STRONG VIGOROUS S. C. BROWN, WHITE Leghorns, 12 cents. Barred Rocks, S. C. Reds, 15 cents. Buff Orpingtons, 15 cents. Buff Leghorns, 14c prepaid, live delivery. Ross Hatchery, Junction City, Kan.

BABY CHICKS—100,000 STRONG HEALTHY fellows from pure healthy breed to lay flocks delivered to you free at popular prices from Buff, Barred and White Rocks, White and Brown Leghorns, Orpingtons and Reds. Lenhart Hatchery, Navarre, Kan.

Campines—Eggs

SILVER CAMPINE EGGS, \$2 PER 15 PRE-paid. E. H. Cory, Parsons, Kan.

Cornish—Eggs

DARK CORNISH, THE WORLD'S BEST general purpose fowl. Eggs, \$2.50 setting; \$14 100. L. Stafford, Republic, Kan.

Houdans—Eggs

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

Ducks—Eggs

REDUCED PRICE, MAMMOTH PEKIN duck eggs, \$2 25, \$4 50. Mrs. Anton Triska, Hanover, Kan.

MAMMOTH PEKIN DUCK EGGS, \$1 11. Pure Bourbon Red turkey eggs, \$4.50 11. Emma Lovgren, Winkler, Kan.

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

Langshan—Eggs

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

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

BLACK LANGSHANS, EGG LAYING strain. Won first pen state show. Eggs, 15, \$1.25; 100, \$6.50. Chicks, 20c. Ethan King, Solomon, Kan.

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

LEGHORNS

EARLY PULLETS—S. C. WHITE LEG-horns. Vira Bailey, Kinsley, Kan.

YOUNG'S STRAIN SINGLE COMB WHITE Leghorn laying hens, \$1.50 each. Vera Davis, Winfield, Kan.

ROSE COMB WHITE LEGHORN COCK-erels, ten weeks old, \$1.25 each. F. M. McClain, McPherson, Kan.

Leghorns—Eggs

PURE BRED S. C. BUFF LEGHORN EGGS, \$5 100. Prepaid. Herbert Rhodes, Clifton, Kan.

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

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

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

BUFF LEGHORNS, PURE BRED SINGLE Comb. Eggs, \$5 per 100. Gold medal winners. Chester Hines, Emporia, Kan.

PURE SINGLE COMB BROWN LEGHORN eggs, \$5 100 prepaid. Extra fine stock. Mrs. Harry Augustus, Waterville, Kan.

FINEST ENGLISH WHITE LEGHORN eggs from imported stock, half price. Fine range, \$5 100 prepaid. Fertility guaranteed. Mrs. Clyde Meyers, Fredonia, Kan.

SINGLE COMB WHITE LEGHORNS, FER-ris-Yesterland strains direct. Eggs, \$6 100, 10 extra with each order; prepaid; 95% fertility. Mrs. L. B. Takemire, Silver Lake, Kan.

"HAINES HUSTLER" BUFF LEGHORNS, win and lay; first, third cockerel; fourth, fifth pullet Oklahoma State Show; every bird under a ribbon. Pedigreed cockerels with range flock. Dam's laying record, 238 eggs, pullet year. Eggs reduced, \$8 120, \$4 50-60, \$1.50 15 postpaid. Pearl Haines, Rosalia, Kan.

MINORCAS

PURE BRED S. C. BLACK MINORCAS, blue ribbon winners. Eggs, \$6 100, prepaid. Chicks, 20 cents. Herbert Rhodes, Clifton, Kan.

ORPINGTONS

WHITE ORPINGTONS, BLUE RIBBON winners and winter layers. Mating list free. Goodrich & Harper, 712 Topeka Ave., Topeka, Kansas.

PLYMOUTH ROCKS

ARISTOCRAT PARKS BARRED ROCK eggs, 15, \$1.50; 100, \$6. Prepaid. Mrs. Lester Benbow, La Crosse, Kan.

BARRED ROCKS—HENS, \$2; BABY chicks, hatched by hens, 25c; 15 eggs, \$1.50; 100, \$6. Mrs. J. B. Jones, Abilene, Kan.

WHITE ROCKS, TWENTY YEARS SE-lective breeding. Eggs, \$6 100, \$1.50 15. Prepaid. Bracken Fogle, Williamsburg, Kan.

Plymouth Rocks—Eggs

BUFF ROCK EGGS, \$4.50 HUNDRED. Della Hedgspeth, Wiley, Kan.

100 BUFF ROCK EGGS, \$7; 50, \$4. MRS. Maggie E. Stevens, Humboldt, Kan.

BUFF ROCK EGGS, \$3.50 PER 50; \$6 PER 100. Nettie Holmes, R. 2, Prescott, Kan.

Heavy Slash on Beef Cattle

Export Orders Finally Bring Shippers Some Relief

BY WALTER M. EVANS

HEAVERY steers showed weakness at all markets, due to the limited demand for heavy cuts. Chicago was the strongest point. Under an improved demand choice steers declined 50 cents, while gains of 50 cents were made on other grades of steers and cows over the previous week's close. New York and Philadelphia declined 50 cents to \$1 on steers with declines of 50 cents to \$1.50 on cows. Boston was unchanged on steers to 25 cents lower on cows, the undertone being weak at the close. Bulls gained \$1 at New York and were unchanged at Chicago under a light supply and fair demand. Sharp advances of \$5 to \$6 a hundred on kosher chucks and plates at New York were the outstanding feature of the week's beef trade at Eastern markets.

Cattle prices in the first two days of the week declined 25 to 40 cents at Kansas City, steadied Wednesday and in the last two days of the week about regained the loss. Yearlings and medium weight steers sold up to \$9 and heavy steers up to \$8.85. Fleshy feeders sold up to \$8.50. Hog prices fluctuated within a narrow range and show small net changes on the week's close. Sheep and lambs were 25 to 50 cents higher, top spring lambs went to \$13, and clipped Texas sheep \$7.25.

Receipts this week were 33,750 cattle, 4,800 calves, 58,100 hogs, and 46,430 sheep, compared with 31,050 cattle, 3,950 calves, 50,225 hogs, and 44,550 sheep last week, and 25,300 cattle, 3,150 calves, 73,480 hogs and 46,500 sheep a year ago.

Top Price for Steers is \$9

Considerable activity prevailed in the cattle market at Kansas City this week. Prices were depressed some early in the week but the loss was about regained later, and the general trade has passed the period of dullness that made the April market so unsatisfactory. An export order for heavy steers is being filled, there is a good local demand for all classes, and because of better stock train schedules to seaboard points, the Eastern demand is increasing. Prime yearlings and medium weight steers sold up to \$9, heavy steers up to \$8.85, and the bulk of the fed steers brought \$7.75 to \$8.60. Cows and heifers were 10 to 15 cents lower, except common kinds and they were off 25 cents. Veal calves declined 50 cents.

Altho stockers and feeders were quoted off 25 cents, there was a steady market for selected kinds. The price spread widened. Common stockers sold down to \$5.50 and fleshy feeders as high as \$8.50. Trade in stock cows and heifers was quiet.

Hogs Continue Steady

Very few hogs sold under 8 cents or few above \$8.40 at Kansas City during the week. On the close most sales were \$8.10 to \$8.40, or an average price spread for the week. The price range has narrowed materially, and the fact that packers are buying freely indicates that present prices will continue. Pigs and stock hogs are selling \$8 to \$8.75.

More than 1,500 California spring lambs weighing 66 pounds sold at \$13. Native lambs sold up to \$12.70, and woolled lambs up to \$12.05. Clipped

Texas wethers sold up to \$7.25, and clipped ewes \$6.50. The market eased off 15 cents from the high point, but there was a complete clearance; and trade still shows a healthy tone.

The wool market is still unsettled but is a little more active. The following quotations for Kansas, Oklahoma and Nebraska wool are given at Kansas City: Bright medium wool, 14 to 16c a pound; dark medium, 10 to 13c; light fine, 14 to 17c; heavy fine, 10 to 12c; burry stuff, 8 to 12c. Hides at Kansas City sold at the following prices: Bull hides 2 to 3c a pound; No. 1 steer hides 6c; No. 2 steer hides, 5c; grubby steer hides 4c.

Grain Prices Take a Hike

Reports of Crop Damage Cause Sharp Advances

BY JOHN W. SAMUELS

MARKETING of farm crops this year will not be manipulated by speculators as in the past if the plans formulated by the American Farm Bureau are followed by farmers. The national grain marketing plans as formulated are to be handled by a special corporation known as the U. S. Grain Growers, Inc. and farmers' organizations of various kinds in Kansas, Iowa, Nebraska, Washington and Idaho already have voted to join this association. Indications are that farmers in all of the other states will line up with the American Farm Bureau Federation within the next 30 days.

During the past week reports of crop damage stimulated active speculative buying. Report of damage to winter wheat, small terminal supplies and the difficulty in filling export sales caused a strong upturn in wheat prices. The market at the close was up 16 to 22 cents for May deliveries and 13 cents for July. Wheat in Central Kansas and in some parts of Western Kansas is not making a satisfactory growth. The condition of winter wheat in Kansas at present according to the Kansas state board of agriculture is 77.4 per cent as compared with 88.6 per cent a month ago. The probable yield of the wheat crop for Kansas is estimated at 115 million bushels.

Wheat Stocks are Low

Stocks of old wheat on hand in the Kansas City elevators at the close of the week were only 627,000 bushels as compared with approximately 8 million bushels a year ago. Chicago elevators had 474,000 bushels as compared with 4,478,000 bushels a year ago. Oats futures took a considerable upturn and the market closed with gains of 3/4 to 2 1/2 cents. Rye futures advanced 12 to 14 cents and May barley gained 4 1/2 cents. Corn gained 1/2 to 1 1/2 cents.

Demand for cash wheat at Kansas City was good this week at advancing prices of 1 cent to 4 cents for hard wheat, and 1 cent to 2 cents for dark wheat, and from 1 cent to 3 cents for Red wheat.

Kansas City Quotations

The following sales of cash wheat were reported at Kansas City: No. 1 dark hard wheat, \$1.61 to \$1.63 a bushel; No. 2 dark hard, \$1.61 to \$1.63; No. 3 dark hard, \$1.60 to \$1.62; No. 1 hard wheat, \$1.55 to \$1.60; No. 2 hard, \$1.54 to \$1.60; No. 3 hard, \$1.53 to \$1.57; No. 1 Red wheat, \$1.60 to \$1.61; No. 2 Red, \$1.57 to \$1.59; No. 3 Red, \$1.57; No. 1 mixed wheat, \$1.58 to \$1.63; No. 2 mixed, \$1.56 to \$1.62; No. 3 mixed, \$1.51.

Corn made advances ranging from 1/2 to 2 cents a bushel. Demand was fair and offerings were moderate. The following sales were reported: No. 2 White corn, 58 to 58 1/2c; No. 3 White, 57 1/2c; No. 4 White, 54 to 55c; No. 1 Yellow, 60c; No. 2 Yellow, 59c; No. 3 Yellow, 58c; No. 4 Yellow, 57c; No. 2 mixed corn, 56c; No. 3 mixed, 53 1/2c; No. 4 mixed, 48 to 49c.

The following quotations were given at Kansas City on other grains: No. 2 White oats, 42 1/2c; No. 3 White, 41c; No. 4 White, 40c; No. 2 Red oats, 39 1/2c; No. 3 Red, 39c; No. 4 Red, 38c;

Prices for whole horse hides ranged from \$1.50 to \$2.25 a piece.

Prices for dairy and poultry products remained practically unchanged for the week at Kansas City. The following sales were reported for dairy products: Butter—Creamery, extra in cartons, 32c a pound; bulk butter 28c; packing butter, 12c; butterfat, 26c; Longhorn cheese, 16 1/2c; brick cheese, 16 1/4 to 17 1/2c; Swiss cheese, 58 to 60c; Limburger cheese, 27 1/2 to 28 1/2c; Pimento cheese, 35 to 37c; New York Dairy cheese 28 1/2c.

The following quotations on poultry and poultry products are reported at Kansas City:

Eggs—Firsts, 18c a dozen; seconds, 13c; selected case lots 25c; Southern eggs, selected case lots, 25c.

Live Poultry—Hens, 23c a pound; broilers 1 1/2 pounds or more, 43c; broilers under 1 1/2 pounds, 33c; roosters, 8c; turkey hens and young toms, 35c; old toms, 29c; geese, 12c; pigeons, \$1 a dozen; ducks 25c a pound.

great Anxiety bred bull, Bright Victor by Bright Stanway out of Vignette. This bull is an intensely bred Anxiety bull and a wonderful breeder but his get altho good went at bargain prices. A few aged cows brought their worth. The main criticism of the offering that could be mentioned is that the cattle were not as well grown out nor in as good flesh as they should have been. Present unsettled financial conditions affected the sale but the main cause for its failure is that Alfalfa county and surrounding counties are great wheat counties and little livestock is raised there. A drive thru the country for miles in any direction from Cherokee shows the greatest wheat prospect that the writer has seen anywhere this or any previous year. Cheadle stands mighty well with farmers of his own or surrounding counties but these wheat farmers think that they can't use his Herefords—not yet. So for a while he will have to dispose of them as he has been doing for several years—sell them at private treaty and away from the country that really needs them. 27 females averaged \$135, 10 bulls averaged \$100 and the 37 head averaged \$125.

Field Notes

BY J. W. JOHNSON

Dr. Shay's Holsteins

Dr. L. E. Shay of Atchison, Kan., is reducing his Holstein herd and is offering a choice lot of Holstein cows, heifers and calves at prices that will sell them quick. The cows and heifers offered are either sired by or bred to his great herd bull King Aaglie Pontiac Oak. If interested in good Holsteins look up Dr. Shay's ad in this issue and get in touch with him.—Adv.

Tomson Bros. Shorthorns

Tomson Bros., Wakarusa and Dover, Kan., offer for sale Shorthorn bulls, of serviceable ages at prices that are below what such bulls are usually priced at. Scotch bulls of the very best and most fashionable breeding and now is certainly the time to buy. Look up their advertisement in this issue of the Mail and Breeze and write them for descriptions and prices.—Advertisement.

Geo. W. Ela's Hampshires

Geo. W. Ela, of Valley Falls, Kan., is starting his Hampshire ad in this issue. Mr. Ela has one of the good Hampshire herds in the Southwest and his show herd has attracted attention and carried off a good share of the winnings at the big fairs for several years. At this time he is offering 15 boars ready for service. Tried sows bred to Jayhawk Wright, junior champion, 1919, and tried sows bred to Jayhawk grand champion 1920 for fall litters. He is also offering show hogs for sale.—Advertisement.

Stubbs Farm Holstein Dispersion

The management of Stubbs' farm at Mulvane, Kan., has arranged with Dr. W. H. Mott to disperse thru a public sale, the famous herd of Holstein-Friesian cattle belonging to this farm. The date selected for the public sale is June 30. The herd numbering 90 head, is in excellent condition under the supervision of the partner-manager, Mark Abildgaard, secretary last year and active member since the organization of the Holstein-Friesian Association of Kansas. Advertising of this sale will appear in following issues.—Advertisement.

Mosse & Mosse Chester Whites

Mosse & Mosse, Leavenworth, Kan., a firm of Chester White breeders that is known to every Chester White breeder in Kansas and the several states nearest to Kansas offer fall gilts by grand champion boars and first prize boars at the Kansas state fairs in 1920. They are good ones, bred in the purple and bred to boars that are worthy or they would not be in the Mossmead herds. These gilts will be priced much lower than should be necessary to sell them. If you are going to buy bred gilts you should get in touch with this well known firm. Write them today for descriptions and prices. Look up their advertisement in this issue of the Kansas Farmer and Mail and Breeze.—Advertisement.

Mitchell Bros.' Shorthorn Sale

Mitchell Bros.' sale of Shorthorns is next Wednesday, June 1. It will be held at the fair grounds, Valley Falls, Kan. Forty-three head will be sold, 38 are females and the rest are good young bulls that will sell worth the money. Many of the females are daughters of their old herd bull Gwendoline and they are bred to Beasts' Dam, a remarkable son of Matchless Dale, owned by the state of Kansas at the Agricultural college. Buyers of 10 females or more in the sale will be presented with a free herd bull. There is over 100 head in the Mitchell Bros. herd and this sale is a draft sale to reduce the herd in which they are making a fair division by selling just as good as they are keeping. You will find catalogs at the sale if you have not already written for one.—Advertisement.

Fred Caldwell's August Sale

Fred Caldwell, well known everywhere because of his great herd of Poland Chinas, on his farm joining Topeka, will sell 40 bred sows August 3. These sows are bred to farrow in August and September. Some are by Caldwell's Big Bob, The Jayhawk, Col. Bob and others. Mr. Caldwell realizes that August sales are usually bargain sales and almost sure to be this season but he is going to sell these sows at auction in his sale pavilion at his farm and with as little sale expense as possible and expects to sell them largely to Kansas breeders and farmers. It is going to be an excellent offering of bred sows. Many of them are bred to Giant Kansas and all to good boars. Better note the date of this sale if you want the best in Poland China sows to farrow in August and September. Just as well drop Mr. Caldwell a line to send you the catalog and then you won't forget it.—Advertisement.

L. L. Humes' Durocs

L. L. Humes, Glen Elder, Kan., Mitchell county, is another Duroc Jersey breeder that has gone steadily on in the business, making his herd a little stronger each year. This spring he has 120 spring pigs and they are certainly fine. They are by Calculator #85287, first aged boar, senior and grand champion at the "National" Wichita, 1921. By the way just look up the breeding of this boar: Sired by Orion's Highland King by Orion's Cherry King by Cherry King by Cherry Chief by High Chief by Ohio Chief by Protection. His dam, Orion's Maud, by Fear's O. C. K. by O. C. K. Jr. by Orion's Cherry by Cherry King, by Cherry Chief by High Chief, by Ohio Chief, by Protection. No wonder he cleaned them up at Wichita in January. He is a wonderful sire and you will see his get at the fairs this fall and at the "National" again at the Denver

Sale Reports and Other News

Col. Andy James & Son Have Good Shorthorn Sale at Lenexa, Kan.

37 females average \$157.25
7 young bulls average 133.00
The Shorthorn sale held at the James farm near Lenexa, Kan., Friday, May 20, resulted in the disposal of 44 head of registered cattle and 60 head of grade dairy cows and owing to the time of year, when a great many farmers in eastern Kansas and western Missouri were planting corn, only about 200 farmers and breeders were in attendance. The cattle were desirable animals and should have brought more money. Several real bargains passed under the hammer at prices that would insure a profit to the purchaser. Following is a list of representative sales:

BULLS

Secret Pilgrim 509706, 5 years, H. B. Lyons, Kansas City, Mo., \$130.
Crescent Sultan 387504, 1 year, E. S. Romine, Oswego, Kan., \$375.

FEMALES

Mary Seamstress 661516, 3 years, C. S. Nevius & Sons, Chiles, Kan., \$380.
Thorncroft Emma 781430, 2 years, Wm. Drenen, Parkville, Mo., (top) \$400.
Roan Beauty 7th 826729, 2 years, E. S. Romine, Oswego, Kan., \$270.
Mary Belle 833867, 2 years, Dr. Harkey, Lenexa, Kan., \$145.
White Beauty 650041, 4 years, E. C. Hankins, Belton, Mo., \$77.50.
Seraphina's Serenade 779323, 3 years, G. A. Lande & Sons, Humboldt, Kan., \$125.
Clover Belle 297995, 7 years, Woods Bros., Lenexa, Kan., \$100.
Rosebud Lady 2d 850154, 2 years, J. M. Liggett, Baldwin, Kan., \$160.
Sweet Choice 831657, 1 year, John Slusher, Stilwell, Kan., \$137.50.
Miss Daydream 769093, 2 years, F. W. Jones, Lenexa, Kan., \$102.50.
Butterfly 985248, 8 months, Frank X. Kelley, Gardner, Kan., \$150.

Senator Capper to Attend Sale

Distinguished company has long been a part of the happy lot of the fieldman. Now we have word from Washington that the "Big Boss" is going to do a little field work, himself, in the extreme eastern territory, and will attend the Ayer and McKinney Jersey sale in New York on June 2.—Adv.

A Hereford Sale in a Wheat Country

The Frank Cheadle Hereford sale at Cherokee, Okla., was disappointing. It was a well bred group in work clothes. Most of the young animals were sired by Cheadle's

Several Varieties—Eggs

EGGS—HALF PRICE. FREE CIRCULAR. Greatest layers and show birds. Twenty varieties and bantams. Modlins Poultry Farm, Route 28, Topeka, Kan.

POULTRY WANTED

SHIP YOUR SURPLUS BROILERS, HENS and cockerels without delay for best results. "The Copes," Topeka.

PREMIUM POULTRY PRODUCTS COMPANY, 210 North Kansas Ave., Topeka, buys poultry and eggs on a graded basis. Premium prices paid for select eggs and poultry.

POULTRY SUPPLIES

RAISE ALL YOUR CHICKS; IT IS NOT how many are hatched, but how many you raise that counts. The price of two good chicks spent for Pom's White Diarrhea Relief will save the flock; 90% of all chicks that die, die from white diarrhea; save them; start now. Special offer, enough for 100 chicks, a season's supply, a double-size package of Pom's White Diarrhea Relief for only \$1. Send no money; pay postman on delivery; 30 days' free trial; sold on money-back guarantee; order today by postal or letter. Address: Pommier Mfg. Co., Poultry Dept. A, Topeka, Kan.

POLAND CHINA HOGS

Poland China Fall Boars and Gilts

from our prize winning herd. We have the largest Poland China mail order business in Nebraska. Write us your wants.

PLAINVIEW HOG & SEED FARM
Frank J. Rist, Prop., Humboldt, Neb.

Ho Yes! Listen Boys

If you want some of the best Poland, arrange to breed one of your brood sows to Goldengate, Defender, Giant Bob Wonder or Jumbo Joe. These are great boars and you will surely get size and individuality from three of the largest boars of the breed. We will breed and hold over first period for breeders to get in line for their future bids fair to unfurling properly to the breeder who raises good Poland and employs efficient sires. A few May and June gilts bred to farrow in May and April at low prices. Baby pigs at weaning time, sired by Giant Bob Wonder and Jumbo Joe, \$20-\$25, out of my 700 and 800 pound Great Master sows. Also one good late fall boar pig. Come or write.

O.R. Strauss, Silver Dale Farm, R. 1, Millford, Kan.

Hopkins' Polands

Tried sows, gilts, boars, spring pigs. Big Hadley, Sterling Buster, Wonder breeding. Guarantee safe delivery.

EARL HOPKINS, LARNED, KANSAS

BABY PIGS FOR SALE

From big boned prolific sows and boars, farrowed in February, March and April. Vaccinated with both serum and virus. Price \$15 each if taken at once.

A. J. SWINGLE, LEONARDVILLE, KAN.

BETTER BRED BIG TYPE POLANDS

Fall boars by Revelation, Emancipator and by Giant Clan by the Clansman. Spring pigs by Giant Clan, by Peter Pan and by The Columbian Giant.

W. C. & CARLTON HALL, COFFEYVILLE, KAN.

DEMING RANCH POLANDS

Sows and gilts for April and May farrow. Address H. O. Sheldon, Herd Mgr., Deming Ranch, Oswego, Kan.

Eden Valley Farm Big Type Poland

Popular strains, pre-war prices. Pigs \$15 and up. Tried sows, open gilts, young boars and fall pigs.

G. F. ULREY, UTICA, KANSAS

TUCKER HAS A GOOD POLAND HERD

Spring and fall gilts and boars, tried sows, weanling pigs. Most of them by sons or out of daughters of Masterpiece, The Yankee, The Clansman, Flasher, Piece, P's Big Jones, The Rainbow. Good individuals. Priced reasonably. Immunity. Satisfaction guaranteed.

S. J. TUCKER, JR., 140 S. Belmont, Wichita, Kan.

SUMMER AND FALL GILTS

Summer and fall gilts and spring pigs, both sex. Bred to or sired by Valley Jumbo by Big Blue Valley.

E. M. WAYDE, BURLINGTON, KAN.

POLAND CHINA BOARS

High class big type Poland China boars at farmers prices. We send C. O. D. if desired.

G. A. WIEBE & SON, R. 4, Box M, Beatrice, Neb.

THE LONE CEDAR POLANDS

Three top fall boars by the Yankee Jr. A. A. Meyer, McLouth, Kansas

BIG TYPE POLAND CHINAS

November boars and gilts, \$30.00 each. Wayne Bartlett, Spearville, Kansas

SPOTTED POLAND HOGS.

Spotted Poland China Hogs

200 spring pigs at farmers prices, pairs and trios no kin, one gilt and boar \$45.00, two gilts and boar \$70. Also 15 large fall yearling gilts bred for summer litters, registered, immune, priced at \$40 and \$50.

M. H. FORTH, HUNTSVILLE, MISSOURI

Spotted Poland Chinas

A few gilts for May farrow. Booking orders for spring pigs at farmers' prices. CEDAR ROW STOCK FARM, A. S. Alexander, Prop., Burlington, Kansas.

WM. HUNT'S SPOTTED POLANDS

Gilts and fall boars. Herd sires, Leopard King and Fairholmes Royal Booster. Long established herd. Wm. Hunt, Osawatomie, Kan.

SPOTTED POLANDS—Big type English Herd boars,

Arb McC's King and Arb English Drummer, grandson of the \$4,050 sow. Sows bred to son of the \$7,100 boar, Joe M. A few Joe M. boars and gilts.

C. W. WEISENBAUM, ALTAMONT, KAN.

REGISTERED SPOTTED POLANDS

Yearling boars, bred sows, good spring pigs. Write for prices, description and breeding.

T. L. CURTIS, DUNLAP, KANSAS

SPOTTED POLAND FALL BOARS

Serviceable, immune and recorded. B. D. VanBuren, P. O. Box 212, Florence, Kan.

SPOTTED POLAND BOARS, strong, big boned,

ready for service. Splendid weanling boar pigs, all at farmers prices. Wm. Meyer, Farlington, Kansas.

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

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410 West 12th Street,
KANSAS CITY, MO.

Jas. T. McCulloch, Clay Center, Kan.

My reputation is built upon the service you receive. Write, please or wire.

Fred L. Perdue, Auctioneer

4159 Tejon Street, Denver, Colorado

Sales made anywhere, any time.

LAFE BURGER, WELLINGTON, KAN.

FRANK GETTLE, Livestock Auctioneer

Efficiency First. For open dates address as above.

Will Myers, Beloit, Kan.

Selling purebred stock of all kinds. Ask for open dates.

stock show. About half of the spring crop of pigs are by this great sire and the rest by Orion Sensation with the exception of two or three litters by other boars. Calculator spring pigs when developed will be in demand this fall and winter. The date of Mr. Humes' fall sale is Nov. 7.—Adv.

Kempin Bros. Lose Valuable Sow

Kempin Bros., Corning, Kan., were unfortunate last week in the loss of Big Lizzie, one of their valuable Duroc Jersey herd sows. Big Lizzie was sired by Proud Col. and was farrowed in 1914. She was purchased by F. J. Moser of Sabetha, Kan., in the Hanks & Bishop bred sow sale in February, 1918 bred to Pathfinder. She cost Mr. Moser \$805 and farrowed 17 pigs in that litter. Many of the boars in that litter are now at the heads of prominent herds over the country. I am not sure what the litter brought Mr. Moser but it brought several thousand dollars. In 1919 she farrowed a litter by Golden Wonder and four of the gilts from this litter sold in Moser's bred sow sale for \$990; \$850; \$585 and \$500. These four gilts were sold by many to be the best four gilts that sold in the 1920 bred sow sale. In the same sale Mr. Moser sold Big Lizzie and she was secured by the Kempins and for them she proved a valuable buy. She farrowed for them, including the spring litter 38 pigs and they still have half of them in their herd. The Kempins figure that Big Lizzie must have been the mother of around two car loads of hogs.—Advertisement.

W. H. Schroyer to Hold Hereford Sale

The announcement that W. H. Schroyer, Miltonvale, Kan., Cloud county, will disperse his big herd of registered Herefords in a big two days sale at the ranch near there, Sept. 1 and 2 should be of general interest to breeders and farmers alike all over the west. While not extensively advertised this herd for several years has been considered one of the strongest Hereford breeds in the west. During the last five years over 500 bulls have been sold for breeding purposes. Schroyer Herefords are noted wherever known for splendid size, lots of bone and splendid fleshing qualities. Mr. Schroyer has arranged with F. S. Kirk, Wichita, Kan., to manage the sale and he has already commenced compiling the catalog and planning the arrangements for the big sale. 800 head will be sold, 500 of them cows and heifers and 300 of these have calves at foot. This is very likely the largest public sale of pure bred animals ever held in the state. The sale will be held under a big tent at the ranch near town. You can send your name to F. S. Kirk, Wichita, Kan., any time and he will see that you get the catalog as soon as it is off the press. The sale will be advertised in the Capper Farm Press later on.—Adv.

BY J. T. HUNTER

Nolan & Sons' O. I. C. Hogs

In this issue will be found the card of J. M. Nolan & Sons of Paola, Kan. They are offering some choice bargains in O. I. C. spring pigs. They now have on hand about 100 head and will make special prices to beginners and pig clubs. It interested in this breed of hogs, please write at once. Kindly mention this paper.—Adv.

Hopkins' Polands

Earl Hopkins, Larned, Kan., offers a wide variety of good Poland China boars, both sex and the breeding is Big Hadley, Sterling Buster and Wonder. He also guarantees safe delivery. Buyers can get what they want in way of Polands from Mr. Hopkins who starts an advertisement in this issue of Mail and Breeze. When writing please mention Mail and Breeze.

Summer and Fall Gilts for Sale

Breeders of purebred hogs in the spring of 1920 because of high priced feed let many of their sows go unbred for fall litters. The result has been that seekers after fall gilts are experiencing great difficulty in finding them. When one finds a good group of summer or fall gilts offered for sale he should seriously consider the offering as few such hogs are being offered or will be offered in comparison with other aged hogs. E. M. Wayde, Burlington, Kan., offers for sale some nice bred to Valley Jumbo by Big Blue Valley. Mr. Wayde will also sell some spring pigs sired by the same boar. Write him today, mentioning that you saw the advertisement in the Kansas Farmer and Mail and Breeze.—Advertisement.

Sid B. Replogle's Durocs

Sid B. Replogle, Cottonwood Falls, Kan., has within the past two or three years been devoting considerable attention to raising a herd of purebred Durocs and has done very well. This herd developed under the circumstances that Mr. Replogle has had to develop it, i. e., farming and raising hogs at the same time. About a year ago Mr. Replogle bought a good boar by the 1917 world's junior champion, Jack's Orion King 2d. He has produced some good pigs that are offered for sale. Last winter the herd were added a daughter of the 1917 world's grand champion, Great Orion Spring pigs from these sows as well as from other good ones are offered for sale. Visit, write, or phone Mr. Replogle if you want to buy one or more good Durocs. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

Deming Ranch Boars

The Deming Ranch, Oswego, Kan., is offering for sale some real bargains in fall boars. These boars are sired by Dividend, by Cook's Liberty Bond, The Kansas Yankee, by The Yankee, Litter brother to The Clansman, and other great boars. The Deming Ranch has one of the best and biggest herds of Poland Chinas in the United States and sell only the good ones for breeding purposes. Those that do not come up to their high standard are sold on the market. Another thing the Deming Ranch are always reasonable in their prices and anyone buying either boars or gilts of them can feel sure of getting hogs as good as the best is proved by their success in the show ring each year. You will get your money's worth when buying from them. Address H. O. Sheldon, Supt. Swine Dept., Deming Ranch, Oswego, Kan. When writing please mention this paper.—Advertisement.

Alexander's Spotted Polands

Just the mere statement that a certain breeder of purebred hogs kept on hands at all times seven of the best boars that he could find should be sufficient guarantee that such a breeder has a large herd of good hogs. A. S. Alexander, Burlington, Kan., is

a Spotted Poland breeder that is doing that very thing and he has none too many herd sires when one looks at his large herd of hogs. Briefly this is the breeding of the sires: (1) Master K. is Brandywine breeding, (2) A. S. King of England Jr. by (Imp) King of England, (3) King Lear 2d by King Lear that sired more show hogs than any other Spotted Poland boar, (4) Star Pointer A by the 1918 world's grand champion, Fairholmes Starter, (5) Silver Coinage, a grandson of Morigage Litter now at head of herd at Indiana State Agricultural college, (6) Lone Star by Diamond King, and (7) Col. Howe by Chief's Best. Here is a wonderful battery of herd sires that made it possible for Mr. Alexander to sell last year over 350 head of Spotted Polands to breeders in all parts of the United States. Within very recent times Mr. Alexander has sold hogs going into Nebraska, Texas, Oklahoma, Illinois, Indiana, Iowa, Missouri, Colorado, New Mexico, Montana and Old Mexico. One man in northern Kansas who started into the Spotted Poland business 14 years ago recently bought his twelfth boar from Mr. Alexander. That is a pretty good record for giving satisfaction to buyers. Mr. Alexander is at this time offering for sale tried sows, fall gilts and boars, and spring pigs. In fact he has nearly anything in the way of Spotted Poland that one would want. Write him specifying your needs. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

Scissors and Pathfinder Durocs

A little more than two years ago B. W. Conyers, Severy, Kan., then living near Milton, Kan., sent to Hanks & Bishop for a sow bred to Pathfinder. This sow farrowed a litter from which one of the boars was sold into Nebraska for \$3,500, the record price for a boar sold out of Kansas. Another boar heads the herd of W. A. Conyers, Marion, Kan. Pigs by this boar were among the best sold in last spring sale, and three of the litter heads the herd of B. W. Conyers. He is smooth as a ribbon at two years old. Is 79 inches long, 40 inches high and has nearly an 11-inch bone. It is quite possible that Mr. Conyers will have him on the show circuit next fall. It so, look out because he will be a strong contender for grandchampionship. A littermate sister now in the hands of one of Kansas' best Duroc breeders that makes the show circuit is being fitted for the show circuit. This is proven to be a great litter and without a doubt this B. W. Conyers boar at Severy, Kan., is one of the greatest breeding sons of Pathfinder as his last fall crop of pigs and the spring crop have proven to be good ones, some of them especially out-

The Livestock Service of the Capper Farm Press

Is founded on the Kansas Farmer and Mail and Breeze, the Nebraska Farm Journal, the Missouri Ruralist and the Oklahoma Farmer, each of which leads in prestige and circulation among the farmers, ranchmen and ranchmen of its particular territory, and is the most effective and economical medium for advertising in the region it covers.

Orders for starting or stopping advertisements with any certain issue of this paper should reach this office eight days before the date of that issue. Advertisers, prospective advertisers or parties wishing to buy breeding animals, can obtain any required information about such livestock or about advertising, or get in touch with the manager of any desired territory by writing the director of livestock service, as per address at the bottom.

Following are the territory and office managers:
W. J. Cody, Topeka, Kansas, Office.
John W. Johnson, Northern Kansas.
T. Hunter, So. Kan. and N. W. Okla.
J. Cook Lamb, Nebraska.
Stuart T. Morse, Oklahoma.
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Kansas Farmer and Mail and Breeze
Topeka, Kansas

Butchering Set

SKINNING KNIFE
STICKING KNIFE
BUTCHER KNIFE

3-Piece Butchering Set

If you intend to butcher it is absolutely necessary that you have one extra good quality 6-inch steel sticking knife, one 6-inch skinning knife and one 6-inch butcher knife, such as we illustrate and describe herewith. The knives are all with 6-inch blades, highly tempered, carefully ground and highly polished. Beech or maple handles. The sticking knife has double razor edge. The set is shipped in a neat carton, charges prepaid for 75c.

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HAMPSHIRE HOGS.

Walter Shaw's Hampshires
200 head; registered; immune; tried bred sows and gilts; spring pigs ready to ship.
Wichita, Kan., R. 6, Tel. 3918.
DERBY, KANSAS.

Whitway Hampshires on Approval

Choice fall boars and gilts with breeding size and quality. Priced for quick sale. Everything immunized.

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HAMPSHIRE—FALL BOARS AND GILTS

Spring pigs. C. H. Pontius, Eskridge, Kan.

REGISTERED HAMPSHIRE BOARS and pigs for sale. VEIX, Rt 9, Ottawa, Kan

DUROC JERSEY HOGS

DUROCS

For the get of Col. Sensation, 1st prize senior boar, 1920, write
H. C. LUTHER, ALMA, NEBRASKA

60 Fall and Summer Gilts—40 Proven Sows, All Immunized

Bred for July, August and September litters to Pathfinder, Sensation, "Glorious" and Orion boars. Farmers prices and time if desired. Papers sent promptly with each purchase. Write for descriptions and prices.

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Royal Herd Farm Durocs

September boars, real ones, Pathfinders and Sensations. A few sows and gilts bred to Victory Sensation 3rd for May farrow. Come or write.

B. E. ANDERSON, McPHERSON, KANSAS

Wooddell's Durocs

14 selected fall boars priced to sell. Sold all my culs to a feeder. Popular blood lines represented. Phone, wire, write or come.

G. B. WOODDELL, WINFIELD, KANSAS

Big Type Durocs

Two fine yearlings and four great fall boars. Sensation and Pathfinder breeding. Booking orders for spring boars and bred gilts for fall farrow.

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SHIPPED ON APPROVAL

Duroc Jersey boars and bred sows and gilts out of monster sows and bred to Greatest Sensation. Terms met.

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SCISSORS AND PATHFINDER LITTERS

Spring pigs both sex by the noted Scissors and Valley Pathfinder by Pathfinder. Orion Cherry King, Pathfinder, High Orion, Illustration, Great Orion Sensation dams.

B. W. CONYERS, SEVERY, KAN.

DUROC BOARS AND GILTS

of Cot. 1920 farrow \$25 to \$40 each. April 1921 farrow \$15 to \$20 each, sired by Pathfinders Fido 30057 by Pathfinder 181615, dams by Scissors Orion Cherry 284563, Appache Kings Col. 249053 and Royal Grand Wonder 228983.

J. S. CRAFT, "Fairview Farms," Kinsley, Kansas.

REPROGUE'S DUROCS

Fall gilts, boars, and spring pigs. Most of them sired by Jack's King Orion by 1917 world's junior champion. Some spring pigs out of daughter of Pathfinder and daughter of 1918 world's grand champion, Great Orion. Satisfaction guaranteed.

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MCCOMAS' DUROCS

March boar pigs by Pathron, 1920 Topeka grand champion, and fall boars by Jack's Orion King A by Jack's Orion King 2d, 1917 world's junior champion.

W. D. MCCOMAS, Box 455, Wichita, Kansas

SEVERAL GOOD STRETCHY FALL BOARS

for sale. 100 spring pigs at weaning time all well bred and priced to sell. Two serviceable long yearling Shorthorn bulls \$100 each. Will take Liberty bonds at par. Write your wants.

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FOR SALE—A few Duroc Jersey June gilts

and boars. Well bred and immune. Also a bunch of weaned pigs. Prices right.

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REAL DUROC HERD HEADERS

Fall boars; priced to sell. Sired by Valley Sensation, Major Sensation and Invincible King.

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Bred Fall Gilts

Fall gilts sired by the grand champion and first prize boars, Kansas falls 1920. Priced right for quick sale. Bred to splendid boars, Mossmead Chesters.

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Popularly bred, large type fall boars. Priced to sell.

E. E. SMILEY, Perth, Kansas.

OAKLEAF'S O. I. C.'S. Bred gilts, spring

pigs, no kin. Prolific, large. Write for prices. Marcus Oakleaf, Mound Valley, Kan.

O. I. C. SPRING PIGS

Immune and recorded, priced reasonable. Write today. J. M. Nolan & Sons, Paola, Kan

YEARLING IMMUNED BOAR, \$50

Frank Scherman, R. 7, Topeka, Kansas

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BROWN SWISS CATTLE

FOR SALE—Full blood Brown Swiss calves.

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HAMPSHIRE HOGS

15 Hampshire Boars

Ready for Service, \$40 to \$75

Tried sows bred to Jayhawk Wright Jr., champion 1919. Tried sows bred to Jayhawk, grand champion 1920, for fall litters. Show hogs for sale.

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SHORTHORN CATTLE.

There Is Your Profit



A Shorthorn steer will have much greater weight and much better quality than a common steer and sell for several cents more per pound—in many instances returning to the seller more than double the common steer.

American Shorthorn Breeders' Ass'n,
13 Dexter Park Ave., Chicago, Ill.

2 Scotch Bulls
For Sale

12 and 18 months old. (Grandsons of Avondale.) From heavy milking Potts Semptress and Searchlight dams. Bred right and priced right. Federal tested. For photos and descriptions address
MISS M. V. STANLEY, Anthony, Kan.

1886 Tomson Bros. 1921

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Marshall's Crown

We offer a remarkable lot of young bulls of our own breeding. Address

Wakarusa, Kan. or Dover, Kan.

3 Good Shorthorn Bulls

Young Scotch herd bull. Good breeder by Hampton and out of Collynie Primrose, yearling Scotch bull by Village Champion. Dam is full sister to herd bull, yearling Scotch topped bull by Village Champion. Good bulls priced to sell. Satisfaction.
FRANK H. YEAGER, BAZAAR, KAN.

A Southwest Kansas Shorthorn Herd

Scotch and Scotch topped cows, heifers and bulls. All ages. Well bred, large good individuals with especially good heads. Write today. Satisfaction guaranteed.
H. W. ESTES, SITKA, KANSAS.

We Offer 2 Scotch Bulls

One roan, one red, 11 and 17 months old. Write at once for descriptions and prices.
S. B. AMCOATS, CLAY CENTER, KANSAS

Six Bulls, Eleven to Sixteen Months Old

Red, white and roans, sired by Lord Bruce 604975, sire, Beaver Creek Sultan 352456 by Sultan 227050, out of IMP. Victoria May V48-406. Dam, Lady Pride 7th 111357 by Clipper Czar 311991, out of IMP. Magnolia V47-559, also some choice yearling heifers.
W. T. FERGUSON, WESTMORELAND, KAN.

15 Shorthorn Bulls

One-half off in price. Sired by the Futurity Winner Autumn Marshal and out of good cows that raise their own calves; 95% Scotch blood. Foresthome Farms, 40 min. ride N. of Kansas City, on Jefferson highway.
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HILLCREST SHORTHORNS

Some choice Scotch and Scotch topped bulls 12 to 20 months old for sale. Reds and roans by Cedar Dale. Priced to sell. FREMONT LEIDY, LEON, KANSAS.

A MILKING SHORTHORN BULL

Weights 3,015 lbs. at 61 months, and has heavy milking daughters. The current MILKING SHORTHORN JOURNAL, copy free on request, tells how this bull was fed from a calf. MILKING SHORTHORN SOCIETY, Dept. D., Independence, Iowa.

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200 Polled Shorthorns

Show prospects and practical breeders, \$75 and upward. J. C. BANBURY & SONS, 1 mile north of PLEVNA, KAN.

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Big husky bulls. A few females. Forest Sultan, a 5-year-old Scotch bull, is for sale.
C. M. Howard, Hammond, Kansas

JERSEY CATTLE

Hillcroft Farms Jerseys headed by Queens. The best bred Jersey bull in Missouri, a Register of Merit of Raleigh's Fairy Boy, the greatest bull ever imported, 54 tested daughters, 86 tested granddaughters and 34 producing sons. Choice bull calves for sale. Reference Bradstreet.
M. L. GOLLADAY, PROP., HOLDEN, MO.

TESSORO PLACE JERSEYS

One of the largest Register of Merit herds in the state. We won \$1,800 at four state fairs this fall. A choice lot of bull calves, grandsons of Financial Countess. Lad out of Register of Merit cows. Other stock for sale.
R. A. GILLILAND, MAYETTA, KANSAS

Scantlin Jersey Farm, Savonburg, Ks.

Financial Kings, Raleigh and Noble of Oakland breeding.

LONG YEARLING JERSEY BULL

Mermaid's Oxford Jap 190641, splendidly sired, low flank, straight, stylish, \$80.
W. C. Moore, Parsons, Kansas

TWO CHOICE REG. JERSEY BULLS

Owl breeding. One 4 years old, one coming two; also a few choice cows and heifers.
E. H. Knepper, Broughton, Kansas

ONE REGISTERED JERSEY BULL

1 year old March 8. Price reasonable if taken at once. Mrs. Pearl Kemp, Winona, Kansas.

HORSES AND JACK STOCK

Great Show and Breeding Jacks

Priced right. Hinemans' Jack Farm, Dighton, Kan.

DOGS AND PONIES

German Shepherd, Airedales, Collies and Old English Shepherd Dogs

Brood Matrons, Puppies. Farm Helpers. For instructive list.
W. R. Watson, Box 506, Oakland, Iowa.

When writing advertisers mention this paper

standing. Conyers has never shown his hogs on the circuit or he would have been heard from before this time. Recently Mr. Conyers added to his herd an Orion Cherry King sow from the Pine Crest Farm that farrowed a litter by the noted Scissors. This is perhaps the only Kansas litter by that sire. These are good pigs. Some dams in the herd are: two by High Orion, the Missouri grand champion; one by Valley Col. that was first in his class at Illinois fair and fourth at International; two by Model Alley, a Kansas grandchampion; one by Illustration 2d; three granddaughters of Great Orion Sensation, world's grandchampion in 1919. Excepting the Scissors litter all spring pigs are sired by the Pathfinder boar. Now, wouldn't you like to have some of these spring pigs having so great a parentage? You can buy some from Mr. Conyers as he is offering for sale spring pigs both sex. Get a herd sire prospect and some sows and start a herd or improve your herd. When writing please mention Kansas Farmer and Mail and Breeze.—Advertisement.

Walter Shaw's Hampshire Hogs

"140 spring pigs and more coming. So far they have averaged 9 pigs to the sow and the sows are saving nearly every pig." That is what Walter Shaw told us when we recently visited his herd on Route 6, eleven miles south of Wichita. The spring of 1919 Mr. Shaw's Hampshire sows farrowed 117 pigs and saved to weaning time 115 of that number, a truly a remarkable record. The dams are nearly all Messenger Boy breeding. Messenger Boy showed 7 years at state fairs and show and was never defeated. He won 15 grand championships and was 5 times grand champion over all breeds. The spring crop is by Githen's Choice that was shown in 4 shows the one year that he appeared on the circuit and he won first in his class at all four shows. A number of the pigs are by the junior sire, Paul by Paulson's Star out of Harmony Queen. This is a fine looking young sire that is producing pigs perhaps choicer than the senior sire is producing. The Shaw herd of Hampshires is so well known over Kansas and Oklahoma and the southwest that it needs no recommendation. Mr. Shaw has tried sows, gilts and spring pigs for sale. If you want to buy one or more Hampshire hogs you can get just what you want if you get in touch with Mr. Shaw. His address is Route 6, Wichita, Kan., and his telephone number is 3918, Derby, Kan. He lives 11 miles south of Wichita on the good paved Lawrence Avenue road that goes within 1/2 mile of his house. When you communicate with Mr. Shaw in regard to his Hampshires please tell him that you saw his advertisement in Mail and Breeze. It might be of considerable interest to readers to know that for the last three years, 1918, 1919, 1920 that Hampshires won grandchampionship in carload lots at the International. They did this in 1905, 1907 and 1911 but seemingly have cinched the championship unless some other breed gives stronger competition than has developed during the last three years. The Hampshire national association also presents statistics that we have not seen disputed that Hampshires dress a greater percentage of their live weight than any other kind of hog and also that 86% of the buyers of Hampshires during the winter of 1920 were men who never before owned a Hampshire. Another thing—those unfamiliar with Hampshires should not get the idea that Hampshires do not grow large. They do grow large. Some of the very largest boars exhibited at fairs in the southwest have been Hampshires. Hampshires are rapidly gaining in popularity. If you want some good ones get in touch with Walter Shaw.—Advertisement.

BY J. COOK LAMB

H. C. Luther's Dares

H. C. Luther has a great lot of pigs from the senior champion Nebraska 1920, Col. Sensation. He is changing his card ad. He has a number of sows bred for fall litters, he can spare, some open gilts and spring pigs of both sex. Col. Sensation will be shown again this fall. Now is the time to get some of his get or sows bred to him.—Advertisement.

BY O. WAYNE DEVINE

Those Shorthorn Sales Next Week

Don't forget those important public sales of Shorthorn cattle May 31 and June 1. The first is the sale of Dr. O. W. Nauman of Craig, Mo., and John Crist, on Dr. Nauman's farm near Craig, on the Burlington mainline in northwest Missouri. The second is the sale of F. C. Barber & Sons at Skidmore, Mo. The offering is a selection from the three Barber herds. These sales include a lot of the most valuable Scotch Shorthorns for sale either publicly or privately anywhere in Missouri and will appeal to all our Kansas and Colorado breeders wishing to found new herds or strengthen herds already established. They will not sell high, choice tho they are, but they sell, at some price, May 31 and June 1. Will you be there?—Adv.

Register Your Jack Stock Now

Owners of unregistered jacks or jennets should not overlook the fact that the closing rule which went into effect last June for the registry of animals in the Standard Jack and Jennet Registry of America was temporarily suspended by the board of directors. This suspension may be called off at any time, or at least the requirements will be made more stringent. The fact that your jack is registered with this association will make it worth more for show, sale or service. Do not wait until you can no longer register your stock to fully realize this. If your stock will meet requirements get it registered at once and profit by its increased value as a registered animal. Information and application blanks may be secured from Wm. B. Morton, Sec'y, Scantlin Jersey Farm, Kansas City, Mo.—Advertisement.

King Kole Leader

C. S. Nevius & Sons, the well known breeders of Shorthorn cattle and Poland China hogs at Chilca, Kans., have purchased a new herd boar to place at the head of their herd. This young hog was selected from the Ed Petty herd at Versailles, Mo. He is sired by the grand champion at the Missouri State fair 1920 and his dam was by Big Bone Leader, also a grand champion at the Missouri State fair. King Kole Leader is rightly named for he is a splendid prospect and will prove out a leader, at the head of the great herd of sows now at the Nevius farms. Nevius & Sons have announced Aug. 31 for their next bred sow sale. On this date they will offer a fine lot of tried sows bred for early Sept. litters to King Kole Leader and other good boars. Later announcement will be made in this paper of the herd and sale offering. Please send your name early for catalog and kindly mention this paper.—Adv.

ABERDEEN ANGUS CATTLE

ABERDEEN ANGUS CATTLE

Almeda Sale of Aberdeen-Angus

ESTATE OF E. CLELLAND & SONS

Hiattville, Kan., Monday, June 6, 1921

75 HEAD—80 cows and heifers and 15 bulls. 61 Blackbirds and 14 Prides of Aberdeen. Elmland Sampson by Black Oakfield by Black Woodlawn sired 29 of the females and 23 of the females are safe in calf or have calves at foot by this great herd sire. Earl Bronson, a fashionably bred Erica sired 8 of the open heifers and 21 females are safe in calf to this herd sire. A rare lot of breeding in good condition that will be appreciated by all that attend this Angus sale. Trains met at Hiattville. Transportation from Goodlander hotel, Ft. Scott. Please mention Kansas Farmer and Mail and Breeze. Write today for catalog to

GEO. CLELLAND, HIATTVILLE, KAN.

Auctioneers: Gross, Deering, Macon, Fieldman, J. T. Hunter.

HEREFORD CATTLE

HEREFORD CATTLE

112 Registered Herefords—112—For Sale Cheap

22 cows from three to five years old. 25 coming two-year-old heifers. 15 coming one-year-old heifers. 50 coming two-year-old bulls. 25 coming one-year-old bulls. I am very anxious to sell these cattle as quickly as possible, consequently prices are low. The cattle are all in fine condition and a splendid lot; among the bulls are several good enough to head purebred herds, many of them line bred Anxiety bulls sired by Beau Brighton and Beau Caldo Twelfth, and out of Beau Mystic and other Anxiety bred cows. If you want Hereford cattle, come to see me, I will sell them to you.

C. A. STANNARD, EMPORIA, KANSAS

ANGUS CATTLE

We Will Deliver

Anywhere in Kansas a good registered Aberdeen Angus bull for nine cents per pound.

J. D. MARTIN & SONS,

Route 2 Lawrence, Kan.

RED POLLED CATTLE

RED POLLED BULLS

Some extra fine registered bulls for sale. Write for prices and descriptions, or better come and see them. Herd bulls used in the herd were from the breeding of some of the best Red Polled herds in the country such as Luke Wiles, Chas. Gruff & Son and Mahlon Groenmiller.
GEORGE HAAS, LYONS, KANSAS.

Pleasant View Stock Farm
Registered Red Polled cattle. For sale, a few choice young bulls, cows and heifers
Holloran & Gambrell, Ottawa, Kansas

Red Polls For Sale

The two big sires of "Springdale"—Napoleon's Reuben 28735 and Gladmore 27390. Five young bulls and five cows. Government bonds accepted. Now is the time to buy. T. G. McKINLEY, ALTA VISTA, KAN.

FOSTER'S RED POLLED CATTLE

A few choice young bulls.
C. E. Foster, Route 4, Eldorado, Kan.

RED POLLS. Choice young bulls and heifers. Write for prices and descriptions.
Chas. Morrison & Son, Phillipsburg, Kan.

REG. RED POLLED BULL CALVES

as good as they grow. Price \$100.
T. A. Hawkins, Garden City, Kansas

AYRSHIRE CATTLE

Lindale Farm
Ayrshires

For Sale: A few good females, cows and heifers; one bull ready for service; your choice of 4 bulls, six months and younger, at \$100 each. Come and see them or write for descriptions at once.
JOHN LINN & SONS, Manhattan, Kan.

PUREBRED
AYRSHIRE HEIFERS

for sale. Ages from 8 months to 23 months. Two heifers bred to freshen this year. For pictures, pedigrees, prices, write
DEPARTMENT DAIRY HUSBANDRY,
University of Nebraska, Lincoln, Nebraska

GUERNSEY CATTLE

GUERNSEY BULLS for sale, both registered and high grade. Also high grade heifers. Write Dr. E. G. L. Harbour, Box 118, Lawrence, Kan.

GUERNSEY BULL, 15 MONTHS OLD
Eligible register. A. C. Merritt, North Topeka, Route 4. Phone 2180 K1.

HOLSTEIN CATTLE

WESTVIEW REGIS. HOLSTEIN BULLS
Highly bred, well marked. 5 mos., 1 year and 2 years old. Priced to sell.
D. Clinkenbeard, Prop., E. L. Wetmore, Kan.

HOLSTEINS, SHORTHORNS, GUERNSEYS
Beautifully marked, high grade calves, \$14.
ED HOWEY, SO. ST. PAUL, MINN.

HOLSTEIN AND GUERNSEY calves, 31-32nds
pure, 7 weeks old, \$25.00 each, crated for shipment
anywhere. EDGEWOOD FARMS, Whitewater, Wis.

HOLSTEIN BULLS, registered, \$50, \$75 and \$100.
Harvey Cooper, Stockton, Kansas.

When writing advertisers mention this paper

Holstein Bulls, One-Half Price

Bulls with type and long distance records, out of dams with yearly records up to 1000 lbs. Never owned a cow that did not make over 500 lbs. butter in year. These bulls sired by a son of the great show bull Oak De Kol Ollie Homestead 85529. Dam a daughter of Sir Johanna Payne 42147. When you are talking of this combination, you are talking of butter records over 1000 lbs. and milk over 20,000. These bulls are well grown and very type. Write for pictures and prices.

Highpoint Holstein Farm, Ray W. Tyler, Prop., Vinton, Iowa

HEREFORD CATTLE

"PICK A PICKERING
HEREFORD"

From one of our world famous sires: Repeater 7th (undefeated grand champion), Disturber 4th, Ardmore, Beau Model, Beau Donald 1794.

SPECIAL NOTICE

If you are a breeder or interested in Herefords in any way, you should have our new catalogue and farm circular, just off the press—a lot of things you ought to know that will help you in choosing and making the proper breeding stock. It is written so you can understand it, tells you what you want to know most, and what other breeders have refrained from telling you.

Don't buy a Hereford until you have this first hand information. Your copy is ready, send name today.

Most extensive, scientific and elaborate breeding institution in the world.

Major Harlo J. Fiske, Mgr.,

THE PICKERING FARM

Phone 237 Belton Box J, Belton, Mo.

YOUR PICK OF 50
Wonderful Yearling
Hereford Heifers

These are real herd foundation material: conformation, size, quality, neat heads and horns, popular breeding; a step in herd building that means better profits and more satisfaction.

We want you to see our herd and herd bulls. This is a life business with us. Our customers are our friends and co-operators. Write for low prices.

Lee Bros., Harveyville, Kans.

Entire Herd of Anxiety Bred Herefords

For sale cheap, for immediate delivery, consisting of cows with calves, down to yearlings. One herd bull, 70 head in all. A. W. KLINE, KINSLEY, KANS.

HOLSTEIN CATTLE

For Sale, Reg. Holsteins
Cows, Heifers, Calves

Must reduce, come and pick them out. A great opportunity for foundation females. Royally bred and sired by or bred to my great herd sire, King Aaggle Pontiac Oak, Best blood lines, nice and straight. Clean herd tuberculin tested. Priced right for quick sale as I am short on barn room and pasture. DR. L. E. SHAY, ATCHISON, KAN

HOLSTEIN AND GUERNSEY CALVES

Practically purebred, 7 weeks old, \$30 each. We pay express and ship C. O. D. subject to inspection. Write for prices on older stock.

Spreading Oak Farm, Whitewater, Wis., R. 1

FOR HIGHLY BRED HOLSTEIN CALVES
Heifers and bulls, beautifully marked, from heavy producing dams, write

Fernwood Farms, Wauwatosa, Wisconsin



Montgomery Ward & Co.

RIVERSIDE TIRES

Special Sale Price

Riverside Cords

\$9.95
30x3½

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30x3½

This price good only until July 31st

This price good only until July 31st

Guaranteed **6,000 Miles**

Guaranteed **10,000 Miles**

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Sent by parcel post within 150 miles of any of our five houses for 17c postage; within 300 miles for 30c postage; within 600 miles for 55c postage.

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RIVERSIDE TIRES are NOT Seconds. They are clean, factory firsts of the highest quality—guaranteed by us to be made as good as tires can be made.

Each tire has our trade-marked name—"Riverside." And the name "Riverside" stamped on a tire is as good as the name "Montgomery Ward & Co." written on a check.

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We do not believe there is any firm from whom you buy tires that has an equally old, time-tried Guarantee of "Satisfaction or Your Money Back."

For over forty-nine years, Ward's has sold everything on a Guarantee basis. Millions of customers in that forty-nine years have bought hundreds of millions of dollars' worth of merchandise under that Guarantee.

So, no thinking person can have any doubt, any hesitancy ordering a Ward's Riverside Tire—with the full knowledge that our forty-nine-year-old reputation will be lived up to absolutely.

We guarantee Ward's Riverside Fabric Tires for 6,000 miles. We mean exactly that.

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There can be no risk whatsoever in your ordering a tire from Montgomery Ward & Co. We know that the prices we quote are very low. But the saving we offer is a real saving on the finest grade of clean factory firsts.

Save One-Third on YOUR Tires, TOO!

Read what we say here about prices: "The Plain Truth about these Low Prices"—and then send your order now.

With an absolute guarantee, backed by a house of unquestioned reliability—Why not at least try Ward's Riverside Tires? Why not save one-third on YOUR tires, too!

The Plain Truth about these Low Prices

First let us say that we believe you will **never again buy tires at such low prices**—unless there is some great discovery of a new way of making tires.

Just consider that before the war, rubber was 60 cents per pound and formerly it was \$1.10 per pound. During the war, rubber actually went down to 50 cents per pound.

Last spring the tire business was demoralized. Rubber went to 18 cents per pound. Cotton broke from 40 cents per pound to 12 cents. It is said that 40,000 people moved away from Akron—the great tire making city.

And there, with everything at the low mark, was the opportunity we are always looking for, with cash in hand, to secure a saving for our customers.

With some great change in making tires—some discovery—you may some time in the years to come buy tires cheaper. But otherwise, Ward's prices in this Summer Sale will be the lowest prices at which you ever bought standard, high grade guaranteed factory firsts.

Do You Own a Buick, Packard, Cadillac, or Hudson?

We quote here our great Mid-Summer Sale Price on a 30x3½ tire for Overlands, Fords, Maxwells, Dorts, Chevrolets, etc.

But you who own Buicks, Packards and other cars, write for the book below, our July-August Sale Book. It offers you a saving of one-third on all sizes of Fabric Tires—and on Ward's Riverside Cord Tires—guaranteed for 10,000 Miles.

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Ward's Great July-August Sale Book is ready. It quotes Ward's low prices on all sizes of tires—offering a saving of one-third. On tubes and many other automobile needs the saving is very large. But there are all kinds of merchandise in this great reduced price sale. Wearing apparel for women, men and children; woolens and silks and cotton goods at startling prices. Everything for the home, for the farm. We have tried to make this book a complete offering of your Mid-Summer needs—at wonderfully low prices. One book is Yours—FREE! Fill out now, this coupon, and send it to the one of our five houses that is nearest you.

MONTGOMERY WARD & CO. G40

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I enclose { ☐ check ☐ money order } for \$..... Please send me

NUMBER OF TIRES	SIZE	Riverside Fabric Tires	PRICE	POSTAGE	TOTAL
	30x3½		\$9.95		
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	30x3½		\$17.25		

Name.....

Address.....

IMPORTANT:

If you order from Portland, Ore., add 50c to cover the extra freight cost to us of shipping tires by the carload to Portland, Ore.

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Chicago, Fort Worth, Kansas City, St. Paul, Portland, Ore. Please send me free my copy of Ward's Great Mid-Summer Sale Booklet, G40

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IMPORTANT: Send this coupon to nearest one of our five houses given above