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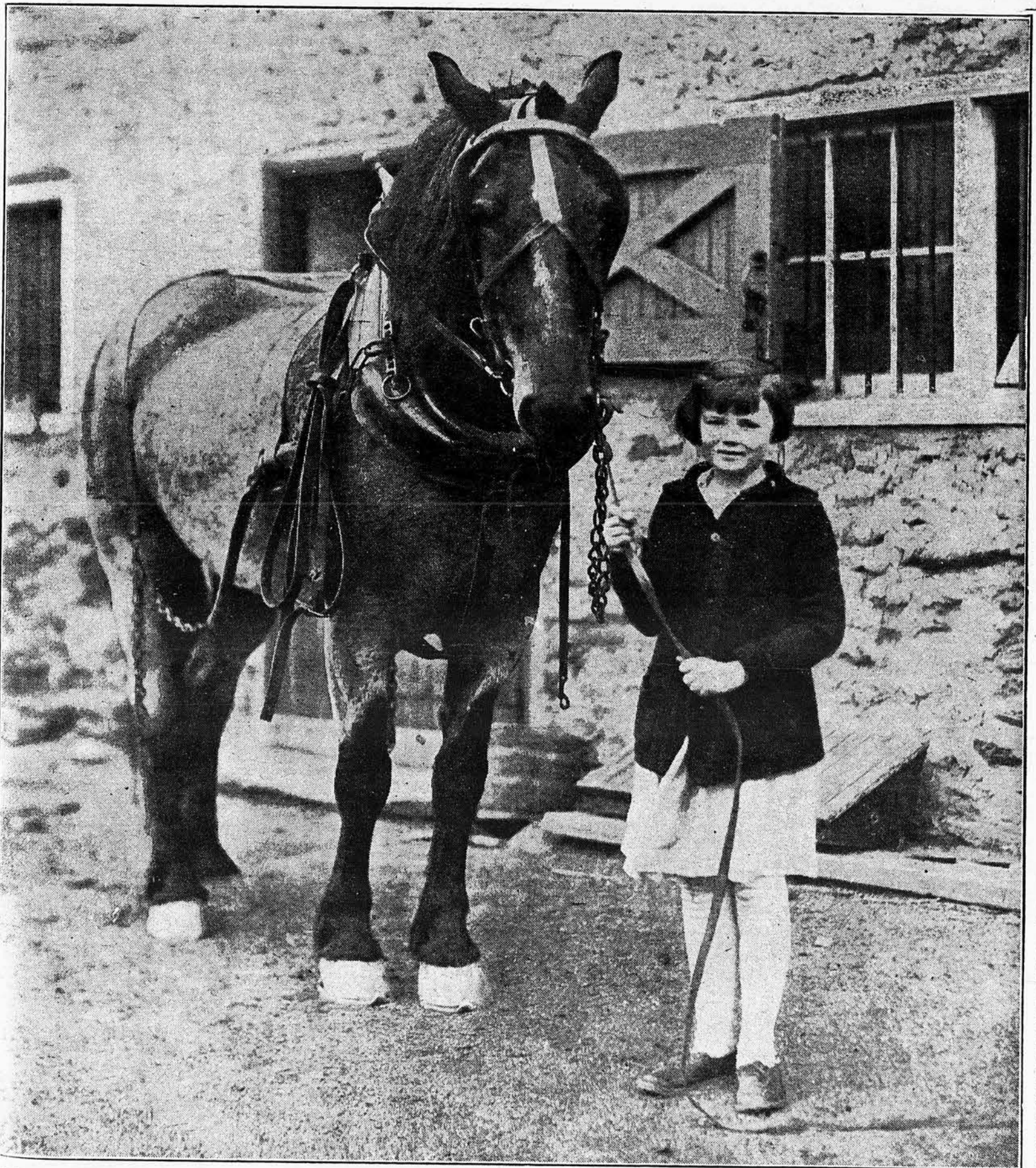
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# KANSAS FARMER AND MAIL & BREEZE

Volume 60

February 25, 1922

Number 8





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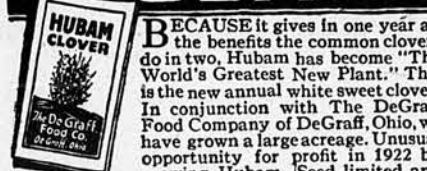


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 Our low price direct will surprise you. Our free catalog shows the work, explains construction and it produces better crops than other rollers. Contains letters from farmers using it. Worth its weight in gold. Write today for this book and price freight paid.

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## EVERGREENS Hill's Hardy

Fine for windbreaks, hedges and lawn planting. All hardy, vigorous and well rooted. We ship everywhere. Write for free Evergreen book. Beautiful Evergreen Trees at moderate prices. R. Hill Nursery Co., Box 223, Dundee, Ill.

## Letters Fresh From the Field



FARMERS are urged to make free use of this page to discuss briefly any matter of general interest to rural communities. Address all letters intended for this purpose to John W. Wilkinson, Farm Letter Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.

### Favors the Farm Bloc

I don't often bother you with letters but you may wish to hear from the short grass country. I find in traveling over the state that people generally and farmers in particular, are for the farm bloc and are proud of the stand of Senator Arthur Capper. Not, because I am a farmer do I say that he has grasped the situation and has done more than any one man ever did in the same length of time to have more laws passed that we thought would benefit us. I hope he stays with it; he is making progress.

Conditions here are so bad I don't see how they can get worse and level headed men are feeling shaky. The powers that have exploited the masses may drive the farmer to cut production 50 per cent. God knows I hope not.

E. W. Buffum.

Scott City, Kan.

### Capper Stands for the Right

You do not know how people regard Senator Capper's work unless some expression is given. My opinion amounts to but little but the many combined make public sentiment. His vote on the Newberry case was for righteousness and needs no apology. He will have the plaudits of the many who believe in honest government, not only in Kansas, but everywhere.

It reminds me of Roosevelt but it was a Capper vote and Capper is backed by all lovers of fair and honest government. If he can continue in the way of right things done, it will not matter so much whether he goes higher politically, but it will be said at the end "Well done, thou good and faithful servant" and that will be enough.

Charles F. Frank.

Copeland, Kan.

### Indorses Clean Politics

I am now on the retired list after a third of a century in the active ministry of the Methodist Episcopal church and have little to do but sit on the side lines and watch the game. I have been an interested observer of the "doings down at the National Capital" and merely wish to express an appreciation as an ordinary citizen of your pronounced stand in defense of the fundamentals upon which the Republic is built and Senator Capper's fearless championship of the rights of that great multitude of folks who sustain the superstructure. His statement of position on the Newberry case appearing recently in the Kansas Farmer and Mail and Breeze is just such a one as I would expect his Quaker blood and Kansas "bringing up" to prompt.

Baldwin, Kan. I. B. Pulliam.

### Feterita a Dependable Crop

As I have heard considerable complaint among the farmers of this locality about their unsuccessful attempts in producing good yields of feterita, I have decided for the benefit of the readers of this farm paper, who are interested in raising this drouth resistant crop to relate to you some of my past experiences along this line.

The first year I planted feterita was in 1914 which resulted in a poor crop,

for the fact that I planted it about May 1, which is about four weeks too early in this part of the state. Furthermore, I planted the seed about the same depth as I did kafir and other sorghums which was also a mistake.

After having raised feterita every year for the past eight years, I have found that from June 1 to June 20 is the best time for planting. The seed should be planted in lister furrows, not more than 1 inch in depth and in warm moist soil, using about 3 pounds of good seed an acre.

My feterita last year yielded 30 bushels an acre, while my kafir raised under a like amount of cultivation and preparation of the soil, yielded only about 15 bushels an acre.

Three very desirable features about feterita are—its quickness and earliness of maturity, its wonderful ability to resist drouth and its good yielding qualities.

Without a doubt it is one of the most dependable grain crops that can be raised in Western Kansas.

Hugoton, Kan. William Cutter.

### Farmers Should Co-operate

I notice that your farm paper is strongly advocating co-operative enterprises. It is something which I suppose is bound to come when conditions and the people are ripe enough for that. In Europe as you undoubtedly know, the co-operative movement is very widespread in many of its nations.

Having been born in Denmark, I know for instance that the farmers of that country for the last 40 or 50 years have owned and operated successfully nearly all the Danish granaries and packing houses.

Well informed people know that the manufacture of butter and pork is a great industry in that country considering its small size and that Danish butter and pork due to the good and uniform treatment it gets in the making, so far has been able to hold the first place on the English market. The farmers, too, in that country thru their own agencies export eggs, cattle, horses and import oil cake, corn and flour.

Co-operative stores and bakeries are numerous thruout the country and electric and water plants and street car systems are owned by farm and city communities and for the last 50 or 60 years people in that country have enjoyed the advantages of a banking system, similar, I suppose in many ways, to the Federal Loan Banking System of this country.

Gem, Kan. P. Lauridsin.

### Twenty-eight Eggs in 30 Days

To prove that it pays to cull your laying stock I will recite an experience that I have had since January 1, 1922. On that date I was culling my pullets for laying and producing when I happened to find a pullet of unusually good producing measurements, so I put her up in a separate pen and began feeding her a good egg ration.

On January 7, she laid her first egg. Up until February 5, she has only missed laying two days, leaving her a total of 28 eggs in 30 days. This pullet is Single Comb Buff Orpington line bred.

In the interests of producing a better stock of layers I would ask that you kindly give this letter space in your magazine.

Grantville, Kan. Russell Welter.

## Farm Wage Rates Declined 37 Per Cent During Past Year

FARM wages now are practically back to the pre-war level. Very substantial declines in farm wage rates during January and February of this year added to the 37 per cent decrease reported by the United States Department of Agriculture for the year of 1921 deflates that item of farm operation costs to the point where it is put back to the pre-war level.

This optimistic factor added to the other material reductions in farm operation costs when considered in the light of the recent general price advances for farm crops and livestock makes the spring outlook for 1922 unusually optimistic.

## FREE Books for Farmers and Gardeners Who Want Bigger, Better Crops



Two new books, of valuable proven farming methods are now given free. This two volume "Encyclopedia of Gardening" tells how to plant for early crops, how to care for shoots and sprouts, right and wrong times to harvest and many other money-saving, money-making details. Contains just the information you need and want.

### Secrets of Farm Success

To have the best field or garden, no matter how good a farmer you are, you must plant the best seeds. Take no chances. Inferior seeds waste your time and soil. Barteldes' 1922 Seed Annual and Catalog describes hundreds of varieties of high quality field and garden seeds at bargain prices, also complete nursery stock.

### Save Time Buy Barteldes Seeds

Buy your seeds of Barteldes and you'll get the BEST. 55 years in the seed business with a record of bumper crops in every corner of the United States, is your assurance of bigger success with your farm this year if you plant Barteldes Seeds.

Send No Money—Books FREE. Every farmer and gardener should have these books. Write for yours today. Just send your name and address. Books will be in your hands by return mail. Write immediately. Tell your friends to write or better still, send us their names and we will mail them copies, too. Send now. No cost—no obligations. Address

**BARTELDES SEED COMPANY** The Largest Seed House West of the Mississippi  
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Seeds of all kinds are priced mighty reasonable in my big new seed catalog this year. This sure is the year to make a big garden without much cost. It's half your living, and what you have extra will help pay store bills.

**GET MY CATALOG EARLY**  
 Get our big free Catalog right away and look it over. Spring is almost here. Ask for Catalog and free copies of SEED SENSE. Seed samples and advice, such as it is, are also free for the asking. Write today. A postcard will do.

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100 Everbearers—100 Senator Dunlop. Both postpaid anywhere at proper planting time. Send now. Here 50 other varieties of strawberries; also small fruits, cut trees, evergreens, etc. Free Catalog of everything to plant. Reduced prices will pay you to answer this ad. Write today. The Allegan Nursery, Box 42, Allegan, Mich.



# KANSAS FARMER and MAIL & BREEZE

February 25, 1922

By Arthur Capper

Vol. 60 No. 8

## \$161,500 Extra If You Desire It

Potato Growers Can Increase Income That Much Every Year by Treating Seed, Experiences of Growers Handling 2,200 Acres Indicate

By Ray Yarnell

**K**AW VALLEY potato growers operating 2,200 acres in 1921, who treated their seed to prevent disease, were \$35,530 better off when their crop was sold than if they had not treated. The average increase an acre in yield from treated over untreated seed was 19 bushels. On 2,200 acres this amounted to 41,800 bushels. The average price a bushel for potatoes last season was about 85 cents.

There are approximately 10,000 acres in the Kaw Valley on which potatoes are grown. The seed on 7,800 acres last year was not treated.

### Carelessness Decreased Yields

It is fair to assume that growers who did not treat their seed got an average yield of 19 bushels an acre below the average on land where the seed was treated. On that basis growers who did not treat received for their crop \$125,970 less than they would have gotten if they had taken measures to prevent the development of disease.

If all growers in the Kaw Valley had treated their seed potatoes the 1921 crop would have been 190,000 bushels greater than it actually was. This extra yield would have been worth at the average market price for the season, \$161,500, or \$16.50 an acre, an amount that would have left a very satisfactory margin over the cost of treating the seed.

I have talked to a number of retail merchants recently about the business outlook for 1922 and how they planned to meet the new conditions which have developed. They told me that their cost of doing business has not come down as it should altho the price of the goods they handle is falling, and the only way for them to reduce overhead expense is to increase volume—sell more merchandise—so the cost will be smaller on every dollar of volume. They declared they were striving to make every department of the

store produce business more efficiently. The more it produced the greater the opportunity they have to make a profit.

Now it struck me that the farmer has the same situation to meet. The price of his products is low. His cost of production still is fairly high. The only way he can lessen that cost is to produce more bushels an acre. The greater his volume of production, the more efficiently his land performs, the greater will be his chance for a profit in 1922.

The retailer treats his merchandise with advertising as a preventive of the disease of public indifference. If he does not so treat it the stock becomes inactive, deteriorates and finally has to be sold at a loss. If he does advertise the stock is thrifty and active and finds a ready market.

I have seen many instances of increased yield of potatoes due to treat-

ment of seed. M. T. Kelsey of Topeka, one of the largest growers in the Kaw Valley, has treated with success for many years and it has always paid him to do so. All up and down the valley other growers have found profit in prevention.

These men are trying to operate at top efficiency and they are conquering many of the obstacles that have faced farmers during the period of readjustment.

There are four diseases which may be controlled largely by treating seed potatoes with corrosive sublimate: Blackleg, black scurf or rhizoctonia, dry rot or "wilt" and scab. Proper crop rotation is helpful in keeping these diseases under control. Careful inspection of seed, removal of diseased plants, avoidance of the use of excessive amounts of manure, lime or alkaline fertilizers and other methods also will be of wonderful assistance.

Treatment of potato seed is not complicated and easily may be handled by any farmer. It is just as important to treat seed destined for the small farm patch as where potatoes are to be grown on a commercial scale. If every potato planted in Kansas was treated with the corrosive sublimate solution the increase in yield would be enormous and the actual money gain would be much in excess of \$160,000.

Here is the method of treatment as outlined by Prof. E. A. Stokdyk, plant pathologist of the extension department of the Kansas State Agricultural College at Manhattan, who has aided in making many very important and valuable tests in the Kaw Valley:

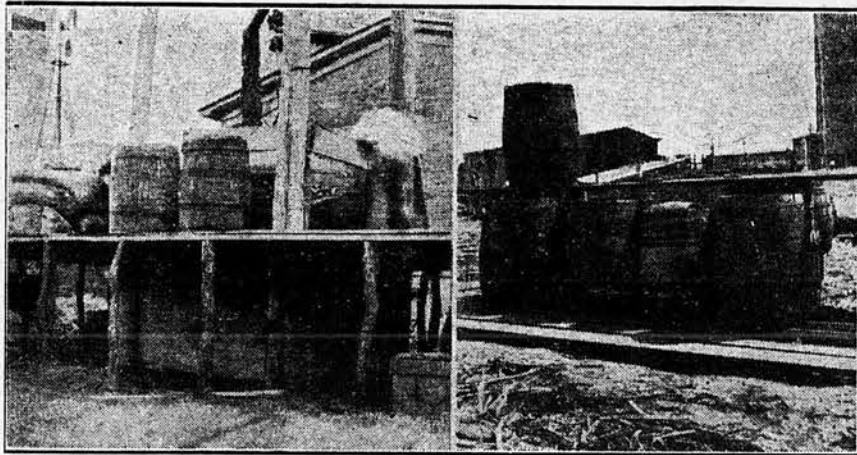
### How the Solution is Prepared

"The solution is prepared by mixing 4 ounces of corrosive sublimate, which may be obtained at any drug store, in 30 gallons of water. Powdered corrosive sublimate is preferred and should first be mixed with 1 quart of warm water in a glass, since this causes it to dissolve more rapidly.

"Metal vessels or containers should not be used because the solution corrodes them. Barrels, wooden tubs or concrete vats are best. The solution is a deadly poison and should be kept away from children and animals. It will not, however, injure the hands. Treated seed also is poisonous and must not be eaten or fed to stock.

"It is not advisable to use sacks when putting the potatoes in the solution. They weaken the mixture quickly. It is best to put the potatoes in wooden baskets or crates and place them in the solution. If barrels are used, wooden bushel baskets with ropes attached serve well. Two baskets can be placed in a barrel.

"The solution should not be used for more than three or four batches of potatoes, unless corrosive sublimate is added every time. Best results have been obtained where a fresh solution is used (Continued on Page 11)



Two Potato Seed Treating Outfits Used on Kaw Valley Farms. The Potatoes are Placed in Barrels Which Contain Corrosive Sublimate Solution

## Tenancy Evil Still Spreads

By John R. Lenray

**F**EAR that the Nation may be lulled to indifference by reports that the rate of increase of farm tenancy in the United States is rapidly diminishing is expressed in a report on this subject by the United States Department of Agriculture based on figures in the last Census.

While the increase in the number of tenant farms to the thousand from 1910 to 1920 was only 3 per cent, as compared to an increase of 5 per cent from 1900 to 1910, when measured on the basis of acreage and value the number of rented acres and the number of dollars worth of rented land to the thousand not only was higher than that shown on the preceding basis but has been growing at much faster rates during both of the decades since 1900, especially during the decade just ended. While the proportion of rented farms increased only 3 per cent between 1910 and 1920, the proportion of leased property values and of leased acreage increased 11 per cent. The increase in acres rented since 1910 has been 20 per cent.

"The tenure of American farm real estate cannot correctly be stated merely in terms of number of farms," said Dr. C. L. Stewart, economist in land economics, in discussing these figures. "In most sections farms operated by tenants differ in size and value from those operated by owners.

Moreover there are large areas of rented land farmed by so-called 'part-owners'—men who own farms and rent additional land. This land is not accounted for in figures for tenant farms. In 1920 this part-owner tenancy involved 89 million acres, which added to the 265 million acres reported in tenant farms swells the total of rented land to 354 million acres, and the valuation from 24 billion dollars to about 28 billion dollars in 1920.

"On this basis renters operated 37 per cent of the farm lands of the United States in 1920, representing 42 per cent of the improved farm acreage and 44 per cent of the total valuation of the land, both improved and unimproved. What this means can best be realized when it is pointed out that tenant farmers rent land equal to the combined area of Texas, Illinois, Iowa, Arkansas, Michigan, Wisconsin, and Florida, that the rented improved land alone equals six times the area of Illinois, and the unimproved land rented equals more than the entire area of France.

"The vastness of the area of farm lands under lease, and the seriousness of the problem of farm tenancy, are emphasized when it is pointed out that, if all the half billion dollars made

available to borrowers thru the Federal Farm Loan system during the last 5 years had been used to finance tenants in buying farms (instead of the 5 per cent actually thus used), it would have covered with first mortgages less than 5 per cent of the 28 billion dollars worth of land now operated by tenants.

"Since the proportion of agricultural property operated by tenants falls short of the half-way mark by such a narrow margin for the United States as a whole, it is not surprising to find that in some areas the half-way mark has been passed. Without excluding property in farms of managers, more than half of the acreage of all land was rented in Delaware and Illinois, both in 1910 and 1920, with a tendency toward increase in Illinois. If improved land alone is considered, 10 more states must be added—Alabama, Georgia, Iowa, Kansas, Mississippi, Oklahoma, South Carolina, South Dakota, Texas and Washington. Of farm land and buildings, as measured by value, four states show percentages above 50—Illinois, Oklahoma, Mississippi and South Dakota. When farm buildings are left out, Delaware, Georgia, Iowa, Kansas, Nebraska and South Carolina must be included.

"When tenancy changes of the last two decades are put in terms of land valuations, it appears that states of the Central West also have taken part in the movement toward increase. The renting of the more valuable lands, particularly within the Corn Belt, coupled with a somewhat increased operation by owners in the case of cheaper lands, appears to have been an important tendency in the Mississippi Valley regions.

"Changes in the relative prominence of lessee agriculture in the United States have more marked significance when measured on the three bases, acreage, valuation, and number of farms, than when measured on the basis of number of farms alone. The relative amount of the changes indicated is not the least of the reasons for this. As against an increase of 7.9 per cent in the number of tenant farms to 10,000 for the two decades, there was an increase in the number of rented acres to 10,000, amounting to 20.9 per cent and in the number of rented dollars worth of land and buildings to 10,000 amounting to 24.2 per cent. The rate of increase of tenancy is shown in percentages from twice to four times as large when expressed on the basis of acreage and valuation. The tide of tenancy is shown by the last census to have continued its upward flow with little or no abatement."



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## KANSAS FARMER and MAIL & BREEZE

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# Passing Comment—By T. A. McNeal

**N**OT long ago a Kansas man while in Ger-  
 many, bought a suit of clothes, an overcoat,  
 a hat and I think two or three suits of un-  
 derclothing. His whole bill was less than  
 \$30 in American money. The same articles would  
 have cost him in this country, perhaps, \$150. Some of  
 our importers are taking advantage of the exceed-  
 ing cheapness of manufactured goods in Germany,  
 as measured by our money, to reap a tremendous  
 harvest. In a recent speech Congressman Ford-  
 ney, of Michigan, chairman of the Ways and Means  
 Committee in the House of Representatives,  
 showed a pocket knife which is manufactured in  
 Germany and cost there at wholesale a trifle less  
 than 10 cents in our money. The same knife is  
 sold by a Chicago firm for \$5.

This no doubt is an extreme case of profiteering,  
 but there are many cases that might be cited to  
 show how on the one hand German-made goods  
 are driving American goods out of the market, but  
 without advantage to the American consumer.  
 Gloves which are manufactured and sold in Ger-  
 many for \$3 a dozen as I have been informed, are  
 retailed in this country at from \$2.25 to \$3 a pair.  
 The consumer in this country gets it both coming  
 and going.

## Fixed Price for Crops

**T**HERE is considerable agitation among the  
 farmers for a revival of the Government  
 Grain Corporation which was organized dur-  
 ing the war for the purpose of fixing minimum  
 prices on certain grains, more especially wheat.  
 At that time there was much complaint among the  
 wheat growers, that the fixing of this price was  
 an unfair discrimination against them. The Gov-  
 ernment Grain Corporation did not, however, un-  
 dertake really to establish the maximum price of  
 grain, tho the effect was to establish the Govern-  
 ment price as the market price.

It was urged, as many of the readers of the  
 Kansas Farmer and Mail and Breeze will remem-  
 ber, that if the Government had not interfered,  
 the wheat raisers would have received \$4 or \$5 a  
 bushel for their wheat. During that time I re-  
 ceived a good many letters bitterly denouncing  
 the Government for what the writers denominated  
 unjust discrimination against the farmers.

## The Industrial Court Law

**S**O MANY requests have come to me for a state-  
 ment of my opinion of the Industrial Court  
 law that I have decided to give as fair an  
 analysis of it as possible and to give the argu-  
 ments pro and con. There are a few things that  
 it seems to me every right thinking citizen will  
 admit without argument:

- 1—Strikes are wasteful and injurious alike to  
 labor and employer as a general thing, but gen-  
 erally more harmful to labor than to capital.
- 2—Both capital and labor have rights which  
 ought to be respected and protected by law.
- 3—Industrial peace is very desirable, provided  
 it is a just peace.

The Industrial Court law was passed in my  
 opinion with an honest intent on the part of the  
 members of the legislature to bring about a fair  
 and just peace. Has it accomplished the object  
 sought and if not, why not?

I have watched the operation of the law for two  
 years and must say frankly that it has been a  
 disappointment to me and I have re-examined the  
 law to discover, if possible, why it has been a  
 disappointment. I know that sometimes a good  
 law fails because of inefficient administration  
 and is not to be blamed for the failure of those  
 whose duty it is to administer its provisions.

I will not in this analysis attempt to pass judg-  
 ment on the members of the court. I think that  
 all of them were sincerely anxious to see the law  
 enforced and while no doubt differences of opinion  
 between them militated against the enforcement  
 of the law I do not believe that there has been any  
 member of the court who does not desire to see  
 the law enforced.

The law provides for a court composed of three  
 judges to be appointed by the governor who are  
 to hold their offices for one year and for two and  
 three years respectively and as the terms of the  
 short term men expire their successors are to be  
 appointed for three years. The salary of the

judges was fixed at \$5,000 a year. The last legis-  
 lature reduced the salaries to \$4,500 a year.

The court is given supervision of the following  
 industries, which are declared to be affected with  
 a public interest:

1—The manufacture or preparation of food prod-  
 ucts whereby in any stage of the process, sub-  
 stances are being converted either partially or  
 wholly, from their natural state to a condition to  
 be used as food for human beings. This might  
 affect the farmer but thus far the court has not  
 held that it does. It would however certainly  
 apply to mills, bakeries, packing houses, butcher  
 shops, hotels and restaurants.

2—The manufacture of clothing and all man-  
 ner of wearing apparel in any stage of develop-  
 ment from the natural state into clothing.

This would cover woolen and cotton mills, tailor-  
 ing establishments, millinery and shirt factories.  
 3—The mining or production of any substance  
 or material in common use as fuel either for do-  
 mestic, manufacturing or transportation purposes.  
 This would include coal mines, gas wells and gas  
 pipe lines, coal oil, fuel oil and wood.

4—The transportation of all food products, and  
 articles or substances entering into wearing ap-  
 parel, or fuel as aforesaid from the place where  
 produced to the place of manufacture or consump-  
 tion. If taken literally this would be exceedingly  
 broad, covering all manner of transportation, rail-  
 roads, street car lines, trucks, and wagons.

5—All public utilities as defined by Sections  
 8329 and 8330, General Statutes 1915.

This embraces everything in the way of trans-  
 portation, also telegraph and telephone companies  
 and companies formed for the transmission of wa-  
 ter, light and heat. Section 6 of this law after  
 declaring that it is necessary for the public peace,  
 health and general welfare of the people of this  
 state that these industries shall be operated with  
 reasonable continuity and efficiency says: "No  
 person, firm, corporation, or association of persons  
 shall in any manner or to any extent willfully  
 hinder, delay, limit or suspend such continuous  
 and efficient operation nor shall any person, firm  
 or corporation or association of persons do any  
 act or neglect or refuse to perform any duty herein  
 enjoined, with intent to hinder, delay, limit or  
 suspend such continuous and efficient operation  
 as aforesaid except under the terms and condi-  
 tions provided in the act.

Section 7 provides that in case of a controversy  
 between the employers and workers in any of  
 these industries, when it appears that the contro-  
 versy may endanger the continuity or efficiency  
 of service in any of said industries the court has  
 power on its own initiative to summon all neces-  
 sary persons before it and investigate said contro-  
 versy. After the conclusion of any such hearing  
 and investigation the Court of Industrial Relations  
 shall as expeditiously as possible make and serve  
 upon all interested parties its findings, stating  
 specifically "the terms and conditions upon which  
 said industry, employment, utility or common car-  
 riers should be conducted insofar as the matters  
 determined by said court are concerned." In other  
 words if this language means what it says the  
 Industrial Court has the power to say how every  
 one of these industries shall be conducted and be-  
 comes the absolute dictator to both employer and  
 employe.

The next section provides that if either party to  
 the controversy shall in good faith comply with  
 any order of said court for a period of 60 days or  
 more and shall find said order unjust, unreason-  
 able or impracticable said person may apply to  
 said court for a modification thereof. Section 12  
 gives either person to the controversy the right to  
 appeal to the Supreme Court from the findings  
 of the Industrial Court.

Section 17 while providing that nothing in the  
 act shall be construed as restricting the right of  
 any individual employe engaged in the operation  
 of any of the industries affected by the law, to  
 quit his employment at any time, makes it "un-  
 lawful for any such individual or other person to  
 conspire with other persons to quit their employ-  
 ment or to induce other persons to quit their em-  
 ployment for the purpose of hindering, delaying,  
 interfering with, or suspending the operation of  
 any of the industries, employments, public utili-

ties or common carriers governed by the provi-  
 sions of this act."

In other words while it would be lawful for all  
 of the employes to quit work one at a time it would  
 be unlawful for any one of them to ask another,  
 to quit. If they act individually it is lawful, but  
 if they do the same thing collectively it is a crime  
 under this law and every one of them would be  
 guilty of a misdemeanor and subject to a fine of  
 not to exceed \$1,000 or to imprisonment in the  
 county jail not to exceed one year.

Under section 19 of the law any officer of any  
 corporation engaged in any of the industries  
 named, or any officer of any labor union or asso-  
 ciation of workers who violates the provisions of  
 the law is subject to a fine of not to exceed \$5,000  
 or to imprisonment in the state penitentiary for a  
 term of not to exceed two years, or to both such  
 fine and imprisonment.

The purpose of this law was to prevent strikes  
 and to compel agreements between employers and  
 employes. In a recent speech the senior judge of  
 the court declared that it was not the purpose of  
 the law to prevent strikes and that the court  
 would only interfere in case the strikers interfered  
 with the peaceful operation of the industry.

If this is a correct interpretation of the law  
 then it is a useless expense, for the courts already  
 had ample police power to prevent interference  
 with the peaceful operation of any legitimate in-  
 dustry.

But it is perfectly evident that the legislature  
 did not so understand the law for it inserted the  
 provision that any individual might quit his job  
 but cannot "induce other persons to quit their  
 employment."

At the time the law was passed it was not even  
 charged that the strikers in the coal mines had  
 used any violence; they did not need to, for all of  
 them struck and that stopped the operation of the  
 mines. It was the purpose of the law to prevent  
 that sort of thing and to provide severe punish-  
 ment for those who engaged in such strikes.

It is absurd to say that employes have the right  
 to strike under the provisions of this law for it  
 distinctly says that no "person, firm, corporation  
 or association of persons shall in any manner or  
 to any extent, willfully hinder, delay, limit or sus-  
 pend the continuous and efficient operation of  
 these industries for the purpose of evading the  
 purpose and intent of the law," and the declared  
 purpose of the law is to insure the continuous  
 operation of the industries. Any strike however  
 peaceful would to some extent interfere with the  
 continuous and efficient operation of the industry.

Do not try to evade the truth which is that the  
 purpose of the law was to prevent strikes by com-  
 pulsion. If that was not the purpose then the law  
 is an expensive absurdity.

Just at present the greatest objection to the law  
 comes from organized labor because organized  
 labor believes that it was intended to injure it,  
 but the law might operate just as severely against  
 the interests of the employer as against the em-  
 ployes. It is not impossible, or even very improb-  
 able that a radical governor might be elected who  
 would find ready to his hand a most powerful  
 instrument for harrassing capital. He might  
 appoint a court that would make it difficult if not  
 impossible for the employer to do business.

If the court is not possessed of this arbitrary  
 power then it is an innocuous thing and has no  
 place in the state government. If it has that arbi-  
 trary power then it is a dangerous thing and  
 should be abolished.

## The Alternative

It may be asked, if this law is objectionable,  
 what if anything can be done to further indus-  
 trial peace? If compulsory arbitration is not the  
 proper remedy of course the only alternative is  
 friendly agreement.

President Harding in his address at the close  
 of the Washington Conference frankly said that  
 he had formerly been in favor of military pre-  
 paredness but had come to believe that a far bet-  
 ter and more effective way to settle disputes be-  
 tween nations was by the education of public sen-  
 timent to the point where it would demand that  
 the disputes be settled by friendly conference  
 rather than by force.

I believe that there should be provision made for



a commission to investigate labor conditions and labor controversies, not a continuous body, but selected, as occasion might arise, and that the governor should by virtue of his office be a member of that commission. I believe that on that commission both employers and employees should be fairly represented and a fair, impartial investigation of the facts in every case made, together with a recommendation and the facts together with this recommendation should be given the widest publicity. Nearly always public opinion would go with the finding of the commission and any participant in the controversy which refused to abide by the recommendation would have no backing in public opinion and would lose if the recommendation was ignored. It would be well also I think to require that the strike or lockout be deferred until such investigation could be held.

### Farmer's Service Corner

**R**EADERS 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.

A holds a mortgage on B's land. B keeps the interest paid up, but on account of sickness fails to get his taxes paid. Can A foreclose mortgage on B? And how long a time has B to redeem the tax title? S. A.

Ordinarily the failure to pay the taxes would not be a ground for foreclosing the mortgage as the mortgagee can protect himself by paying the taxes and holding that as an additional lien against the land. In some mortgage contracts, however, there is a provision that on the failure of the mortgagor to pay the taxes, the mortgagee may begin a foreclosure suit. If it happens that there is such a provision in this particular mortgage, it would give the mortgagee that right.

A final tax deed is not issued on land sold for taxes for three years, and the owner of the title may redeem at any time before a tax deed is issued.

About four years ago I signed for a paper. The manager of it published it a few months and then sold his subscription list to another county paper and when my time ran out they just kept sending it. Will I have to pay for it? Should they not have stopped the paper when my time was out? Is there no law compelling them to stop the paper after it has been sent one year after date of expiration? F. H. E.

There is a regulation made by the postoffice department that the subscription shall not be continued for more than one year after the expiration of the time for which said subscription was paid and I have held in answer to a large number of questions similar to yours that in any event the publisher could not collect for more than one year. Of course, he should have stopped this paper at the date of the expiration. That is the only fair way to do unless the subscriber notifies the publisher he desires it to be continued.

A rents a farm from B, the lease beginning August 1, 1921, and ending August 1, 1922. He pays one-third grain rent and \$100 cash for improvements, including granary. C, a former renter, has 1,000 bushels of the 1920 wheat still in said granary. A needs the granary. C has made no effort to move wheat. Can A charge C storage on this wheat? L. D.

In my opinion he can.

A had a horse and a jack. B bred a mare to the jack and later sent the mare back by the boy and A bred her to the horse by mistake. B sent the mare back the next morning and had her bred to the jack again but in spite of that she brought a horse colt. Is A entitled to the fee which is \$12 and more than the colt is worth, or is B entitled to damages? S. M. B.

A is certainly not entitled to the fee and if any damage was done to B by the fact that the mare gave birth to a horse colt instead of a mule then he is entitled to that damage.

A boy worked for a storekeeper in Missouri for \$6 a week. It was too little to live on so the boy asked the boss to lend him a dollar or two now and then until he was in debt \$25. The boy and the storekeeper had words and the boy quit. The man now tries to collect the money from the boy's father. The boy was a minor. Can the man collect the money from the boy or his father? The boy and his father live in Kansas. B. D. K.

He cannot collect from either one.

A owns an old car which needs repairs before he can use it. He has not the money to buy repairs nor the tag and doesn't know where to borrow the money now. What can he do to a man who doesn't buy a tag if he doesn't use the car? Is he liable to be fined? W. M.

My opinion is that he will not be liable to a fine unless he undertakes to use the car.

A and B are sisters. B's husband's brother's son is courting A's daughter. Is B's husband's brother's son any relation to A's daughter? If so what is the relationship? Could they marry in Kansas if they are relatives? B. P.

I answered the above question recently, but the answer was so lacking in sense that I apologize for it. I will not try to lay the blame on anybody else, for I think it must have been my own carelessness. I will now try to give an intelligent answer. What I meant to say was that there was not necessarily any relation between the son of B's husband's brother's son and the daughter of B's sister. This son would be a nephew of B but that would not make him a relative of her sister. Of course if A married another brother of B's husband then her daughter would be a cousin of this

son and their marriage would be illegal under the laws of Kansas, but unless A married a brother or other relative of B's husband her daughter would not be related to the son. It is humiliating for an editor to acknowledge that he has pulled a "boner," but it is at least honest.

A buys three elevator shares from an agent for \$100 a share and gives him a note for the amount. He later finds that the stock was badly misrepresented. The company put the note up as security and later went bankrupt and now the company is in a receiver's hands and the bank is trying to collect the note. Could A be compelled to pay the note? Could they collect the note if A turned all his property over to his wife? W. W.

If this note was not transferred to the bank before due, then the maker of it has all the defenses against the note. That is to say if he can prove this note was obtained by a false representation, that would invalidate the note. If, however, this note was transferred to the bank before it was due, it would be held to be in the hands of an innocent party and could be collected. Of course, A could prosecute the agent who sold him the note on misrepresentation, provided he could prove that the agent wilfully misrepresented the value of this stock.

It would do no good for A to transfer his property to his wife because the court would set it aside as a fraud, a transfer made for the purpose of defrauding his creditors.

A rents his farm to B for a term of one year, beginning March 1, 1920, and renews the lease on March 1, 1921, for the year expiring March 1, 1922. Has B any right to the straw that was threshed out during the year 1920, after March 1, 1921? Can A collect damages from B on account of the straw stack not being moved off of this land or destroyed so that the land could have been put into crop for the year 1921? Would A have a legal right to move or burn the straw stack left over from the year 1920 so as to get this ground ready for 1923 crop without being subject to damages from B? A has rented the farm to C for 1923 and desires the land where the 1920 straw stacks are setting to put into cultivation. S. M.

Not having seen this lease, and therefore, not being acquainted with the terms, I cannot say what the respective rights of A and B are. If this is an ordinary lease, however, this straw belongs to B and so long as B has possession of the land, A has no right to come on the land to burn this straw without B's permission.

A, who is a farmer, borrowed \$2,900 from a local bank in 1919 for the purpose of purchasing cattle. He bought 40 cattle. They increased to 53 head. In August, 1921, the bank took a first mortgage on the cattle and increase. Then they took the cattle away from A and sold them for \$1,250. Can they get judgment for the balance? He also gave another bank a second mortgage on the cattle, but informed the bank that there was a mortgage held by the other bank. Can they do anything with A who is bankrupt at the present time? R. K. F.

I presume that A gave the bank a note secured by a chattel mortgage. If the personal property was not sufficient to pay the note, the bank would be legally entitled to judgment for the balance. If, at the time you gave the second mortgage to another bank, that bank was fully informed as to the existence of the first mortgage, then A has done no wrong and incurred no liability on account of the second mortgage. Of course, the second bank will be entitled to a judgment against A, but if he is bankrupt as you say, I do not see that they can do anything about it.

A and B, husband and wife, homesteaded a quarter section here in the early days. They have several children. A dies without will. Can B, the mother, hold the homestead as long as she lives if she lives on it or are the children entitled to one-half the homestead along with the other property? B. Y.

Under the Kansas law the widow has a right to select a homestead provided the decedent left more than 160 acres of land. She is entitled to live on this homestead until she marries again or until all of the children arrive at the age of majority. In that case the homestead shall be divided, half of it going to the widow and half to the children.

## Treaties A Help to Burdened Nations

**T**HE arms conference treaties will be ratified. In the meantime this country is going to get immediate benefits from the parley. With the ink scarcely dry on the eight major agreements of the Conference and before their ratification by the powers, President Harding has ordered construction stopped on eight great superdreadnaughts and six battle cruisers.

Among the 30 warships which this country will scrap, or convert into merchant ships, are these 14 leviathans on which work will now cease. Approximately every one of the 14 would have cost about 40 million dollars, some of them more. The total saving to the taxpayers will be about 700 million dollars, less 332 millions already spent on ships under construction. And this is not all, because each of the big warships costs the Government 2 million dollars a year to operate and another 2 million dollars for depreciation.

Here is easily a billion dollars of waste stopped instantly, enough to pay the cash part of the ex-service men's bonus—almost enough to pay the operating costs of the Federal Government for 2 years, if we except the War Department.

This saving is to continue for 15 years. By that time it is possible we shall scrap all the rest of the warships or devote them to other uses. I do not believe the world will ever build another battleship after 1937.

With the debts of all great nations mounting in the last eight years to nearly 10 times their size in 1913—in a world spending every day more than it is earning—it seems to me this is the greatest practical accomplishment toward debt reduction the nations have ever known.

When the great powers met in conference three months ago in Washington, this country took them off their feet with its blunt proposal to scrap immediately 30 of its greatest warships, if they would reduce their naval armament on a 5-5-3 ratio. Now the United States precedes all other powers in action to carry out this treaty, but only by a few hours.

Like an echo, from across the seas, comes the news that Great Britain has suspended naval recruiting and that Japan has stopped work on eight great battleships and battle cruisers. Sir Eric Geddes, head of England's economy committee, urges slicing 375 million dollars from the land and sea forces of the empire.

At the same time the President has stopped work on the fortifications of Guam and the Philippines under the treaty insuring peace in the Pacific. And reductions will follow in the personnel of our U. S. Army and Navy. With a cut of 200 million dollars a year our navy can now be kept at top fighting strength, says the chairman of the House Naval Appropriations Committee.

Altho there is no pledge on our part to reduce land forces, Pershing informs Congress that the number of officers in our regular army now safely be reduced from 17,000 to 12,000. This means it will be done. This will shave about 20 million dollars from the tax bill.

Within three months President Harding's Disarmament Conference at a cost of not to exceed \$300,000, or less than the cost of a third-class warship, has done more in the settlement of world problems than all the billion-dollar wars ever fought; for wars, usually, sow the seed of future wars. The Conference has probably prevented at least two great wars that were foreseen and expected, one or the other of which might have been fought at the cost of the extinction of civilization. Left to the arbitrament of the sword, we have every assurance from history that the now fairly well-settled issue of the open door in China and the peace agreement with Japan in the Pacific, would have menaced the world, threatened the end of the Christian Era and possibly have left humanity with a world shrouded in Paganism from which it might never again emerge.

At least we can all agree, I think, with Lloyd-George's statement in the British Parliament that the work of this Conference is one of the greatest achievements in history. Certainly it has made history.

Among the outstanding achievements of the Conference, as I see them, are the following: The agreement for a status quo in the Pacific, almost certainly removing a cause of war between this country and Japan.

The agreement whereby the Powers abandon their spheres of influence in China, which sooner or later were sure to breed another great war.

And finally, the establishment of a new precedent, the custom of nations meeting peaceably around a table and settling their differences in council.

This has all been done without entering into any entangling alliances, nor is there any commitment to armed force. We agree to do nothing except in accordance with our constitutional methods. Yet these agreements constitute a moral warning to every aggressive nation that it will be best to "Keep off the Grass!"

President Harding made a striking statement in his farewell address to the Arms Conference. "I once believed in armed preparedness," he said. "I advocated it, but I have come now to believe there is better preparedness in a public mind and a world opinion made ready to grant justice precisely as it exacts it. And justice is better served in a conference of peace than in a conflict of arms."

That is the whole argument. It both states the case and presents the logical conclusion.

Balfour, English scholar and statesman, puts it in this way:

The Powers have diminished national armaments and increased national security; they have removed long standing causes of offense and substituted good will for suspicion; they have made peace less costly and war less probable.

In England 32 women's organizations are urging King George and his government to promote the policy of international co-operation and to oppose resorting to force. They also make it known that they welcome joyfully the expression of convictions akin to their own from the women of America.

The people everywhere hate war, but more especially the women. They knew long ago, intuitively, what men are just finding out about war. "Blessed are the peacemakers," says the Bible. This should mean the women, for they are the world's peacemakers, the creators of what is best in its civilization.

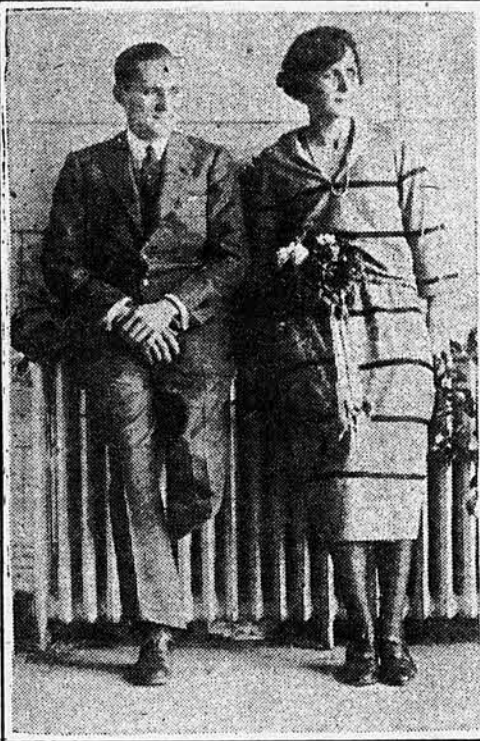
I believe all the treaties will be ratified; the Four-Power treaties by an overwhelming vote. This is as it should be.

For I am satisfied the country and the people wish them confirmed.

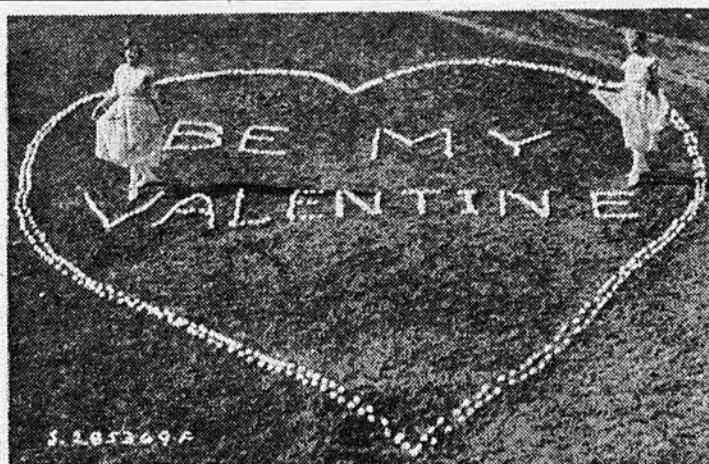
Washington, D. C.



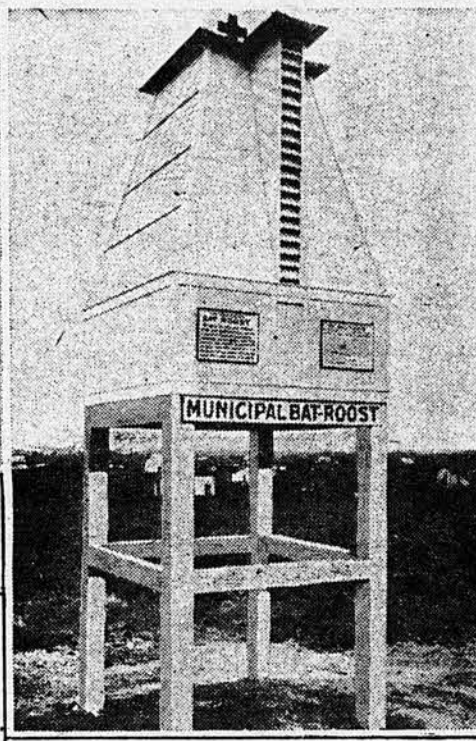
# News of the World in Pictures



Wayne S. Vetterlein and Bride at the Philadelphia City Hall; Mr. Vetterlein is One of Our Maimed War Heroes; at Verdun a Shell Shattered His Left Leg, and It Was Amputated.



The Son of the Egg King at Petaluma, Calif., Decided He Would Say It With Eggs; With the Assistance of Miss Francis Studdert and Miss Catherine Coghill He Devised This Unique Valentine; There are 432 Eggs in the Design, But That Didn't Worry Our Hero.



San Antonio's Municipal Bat Roost; It is the Only Thing of This Kind in the World; the City Favors Bats Because They Help to Exterminate the Mosquitoes That Carry Disease Germs.



Home of William Desmond Taylor in Los Angeles, Calif. He is a Noted Film Play Director Who Was Recently Murdered; Detectives are Seen Standing in Front Questioning a Neighbor.



Catholics Thruout the World Have Been Much Interested in the Recent Events at Rome, Achille, Cardinal Ratti Now Assumes the Tiara Under the Title of Pope Pius XI; Until His Election Cardinal Ratti Was Archbishop of Milan; His Holiness Expects to Bring About a Better Feeling Between the Vatican and the Government.



Will Hays and His Son at Sullivan, Ind.; Mr. Hays Was Formerly Postmaster General But Recently Resigned; He is to be the New Dictator of Movie-dom. His Salary Will be \$150,000 a Year.



The Reward of Victory Tho Only a Bone is Appreciated; Chinook Wins in the 120 Mile Dog Derby at Berlin, N. H.; Arthur T. Walden, Alaskan Dog Musher, is Shown Giving an Extra Award of Merit to Chinook That is Evidently Enjoyed.



Manipuri Dancing Girls; They Recently Entertained the Prince of Wales in Calcutta; They are Shown in the Palace Court Yard.



Photo of Mlle. Russe, a Moravian Maiden; Her Face Adorns a New Issue of Czechoslovakian Postage Stamps; She Was Chosen as the National Type of Beauty.



Waite Hoyt, Yanks' Star Pitcher, and His Bride; They are Honeymooning at Atlantic City, N. J.; This View Shows Them on the Board Walk at Atlantic City; He is the Star Pitcher of the American League Baseball Club.





# His Hens Live in a Church

*Abandoned Building, Bought by Franklin County Farmer for \$275, is Converted into Good Poultry House--Chickens Bring in the Cash*

By Ray Yarnell

**W**HEN L. A. Rupf moved from West Texas to Princeton, Franklin county, Kansas, three years ago, he invested \$200 in poultry after he bought a 115-acre farm. That was in the fall.

January 1 he began keeping track of the income derived from his hens and his expense in caring for them. The first year he sold \$1,080 worth of eggs and young stuff and at the end had more than twice as many chickens as he started with.

A large part of the feed was raised on his farm and he turned it at a good profit. He also took a profit on all the feed he bought during the year, and in addition got a return on his investment greater, in all probability, than he received from any other source.

## Poultry His Best Bet

Rupf has been raising poultry for nine years, two thirds of that time in Texas. He is not in that business exclusively because he operates his farm, milks several cows and raises a few hogs. But the chickens, Rupf says, are one of his best bets in making a living and consistently bring in the greatest and most satisfactory returns. Last year his flock produced close to \$1,000 altho prices of poultry products have fallen much below those of 1920.

Not long ago a rural church whose congregation had shrunk to the point where the organization no longer functioned, was placed on the auction block. It was sold to Rupf.

That abandoned church was torn down. Out of the lumber Rupf has built a good poultry house to accommodate 525 hens and pullets and is erecting a large corn crib.

It is a bit unique that the windows in this poultry house are of frosted glass and that in the construction certain pieces of lumber carry visible reminders of their original mission.

The house is 60 by 20 feet in size and has three compartments so hens and pullets may be kept separate. These compartments are divided by woven wire partitions. Mr. Rupf pre-

fers wire to wood because it permits better circulation of air and improves the lighting. Doors are built in the wire partitions near the front of the house which faces south.

A row of large windows along the south side lights the front part of the house and admits sunshine which at some time during the day reaches nearly to the north wall. The rear of the house, however, gets additional light and sunshine from a row of windows set upright in the half monitor roof.

There are no openings in the north wall as sufficient ventilation, Mr. Rupf says, comes from the row of windows in the roof. The north wall is plastered and when the house is finished the roof will be plastered out even with the edge of the roosts. This adds to the warmth of the building in the winter and keeps it cooler in the summer.

The cement floor is kept covered with about 6 inches of straw litter in which the grain ration is fed. The roosts, which are hinged, rest flat on

the dropping board. Some sections of the roosts hook into iron sockets on the wall instead of being hinged and this arrangement makes it easy to remove them.

Every compartment of the house accommodates 175 hens or pullets. A row of nests is set at one side and there also is a feed hopper and a grit hopper.

A burlap curtain extends the entire length of the house on the south side and this is lowered over the windows during bad weather. The house can be made tight with glass if desired.

Mrs. Rupf is the boss of the chicken department and is in charge of the feeding. During the laying season, she says, she feeds  $\frac{1}{2}$  bushel of oats to 175 hens at 6:30 in the morning. At noon the chickens are given a wet mash. This consists of 100 pounds of bran, 20 pounds of meat meal, 35 pounds of shorts and ground charcoal in the proportion of a cupful to  $\frac{1}{2}$  bushel of the mixture. This mash is mixed with sour milk which makes a good feed.

The same mash, with 25 pounds of alfalfa to 100 pounds of bran, is also kept in the hopper in the poultry house. During October Mrs. Rupf fed a dry mash in the hoppers. For green feed alfalfa or clover is used. A bale is placed in the center of the house and the chickens eat as much as they desire. A mixture of wheat and corn is fed at 4 o'clock in the afternoon,  $\frac{1}{2}$  bushel to 175 hens.

The chickens are kept in the house during the winter. Mrs. Rupf turns them out every third day from 4 o'clock until dark and she says they should be let out during that time every day if possible. From 500 to 800 baby chicks are raised on this farm every year. A large brooder house accommodates the maximum number.

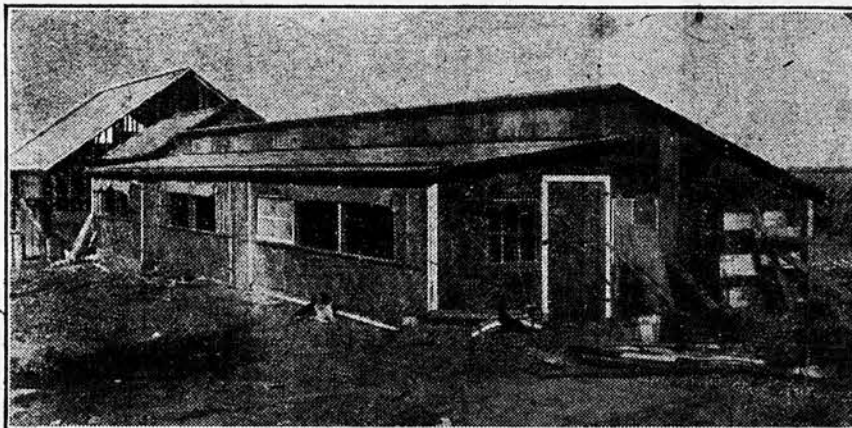
"I am planning to feed concentrated buttermilk to my chicks next year," said Mrs. Rupf. "The main thing is to have plenty of feed for them all the time. I keep enough in the litter to keep them busy scratching."

## Feeds Cracked Corn and Kafir

The grain ration consists of cracked corn and kafir. As much as the chicks can clean up in 15 minutes is fed every 2 hours during the first two weeks. The amount, of course, is increased as the chicks grow. The baby chicks are given the run of a large fenced yard. Last spring they were permitted to run in a yard sown to small grain with disastrous results.

Mr. Rupf said he lost 150 chicks. Fibre from the green leaves of the grain seemed to clog their crops and bowels and they died quickly. The Rupf flock consists of 430 birds. One hundred are White Rocks and the remainder are White Leghorns.

The abandoned church, which Rupf converted into a poultry house and corn crib, cost him \$275. He spent \$100 for a rubber composition roofing for the chicken house and the wire netting, screen and cement also were purchased. The house cost only about \$300. He says it would have cost \$600 or \$700 if made out of new stuff.



Lumber From an Abandoned Church, Bought for \$275, Was Used in Building This Excellent Poultry House and Large Corn Crib

# They're 100 Per Cent Modern

*The Bigsbys of Douglas County Live in a Modern Home by the Side of a Strictly Modern Road and They Have Found That it Pays*

By Frank A. Meckel

**A** MODERN family, living in a modern home on a modern road is about the best possible description of the Bigsby household of Douglas county. Last spring, Guy A. Bigsby sold 100 acres of his farm including the buildings. The old home was equipped with electric lights and power, and when Bigsby started his new home which is just a few rods down the road from the old one, he started with the improvement germ well implanted in his system.

The first building was the barn and the garage came next. The garage is big enough for two cars and a tractor, but the family lived in it until the house was ready for occupancy.

The Bigsbys now are comfortably located in the new home, and the word comfortably is, indeed, very well chosen, for this home is built around every comfort and convenience that the most exacting home lover could require.

There are eight rooms and a store room, with a bath room thrown in for good measure. The finish is all hard wood and windows are the rule and not the exception. Every room is as light and airy as can be. There are electric lights supplied by the farm electric plant. This plant also provides power for pumping well and cistern water to all parts of the house. The cistern is not quite completed.

There is a hot water furnace which keeps the house very comfortable on the coldest day, and there is a large pressed brick fireplace in the living room which adds to the beauty and cheerfulness of this remarkable home.

There are a number of built-in features which would delight any woman. The built-in china cabinets on either side of the dining room eliminate at least one expensive piece of furniture and make for greater convenience. On the north wall of the dining room there is a very shallow little built-in cupboard, and when the door is opened, a folding ironing board is disclosed. This ironing board is fastened to the wall with two hinges, and there is a hinged leg which is fastened to the

outer end and is very easily adjusted.

There is a splendid example of thrift and saving in the built-in features of the bath room. The drawers and little compartments of an old washstand and an old dresser have been utilized here. They have been built right into the bath room wall, and extend out into a closet which opens off the den. They take up no room in the bath room, being flush with the wall, and in the closet they take up no essential room, since they are way back in one corner,

and really constitute a small closet shelf which can be used in many ways.

The bath room is finished in white enamel. The bath tub is of the built-in type set solidly on the floor and into a corner. All of the fixtures are of white porcelain. The sewage is carried off thru a drain into a disposal plant some distance away.

Water is obtained from the well by means of an electrically operated pump which is automatic in its action. When the water in the small pressure tank reaches a certain point, the current is cut off, and is thrown on again as water is drawn from the tank. There will be a similar outfit for the cistern water as soon as the cistern is completed.

The kitchen is large and is well equipped with built-in features. There are cupboards and drawers all set on rollers. There are flour bins and cabinets and bread boards set along the north wall right by the windows. The covering for these drawers and lower cupboards makes a very fine shelf or table on which Mrs. Bigsby may do her kitchen work. There is always plenty of running water, both hot and cold. A small kerosene water heater in the basement attends to that.

There are many large closets on all floors. Every bed room is equipped with at least one closet, and some of them have two. There are closets and linen cabinets in the upper hall also.

The house complete will cost about \$12,000. The improvements, such as the electric plant, wiring and fixtures for house, barn and garage, the heating plant (Continued on Page 14)

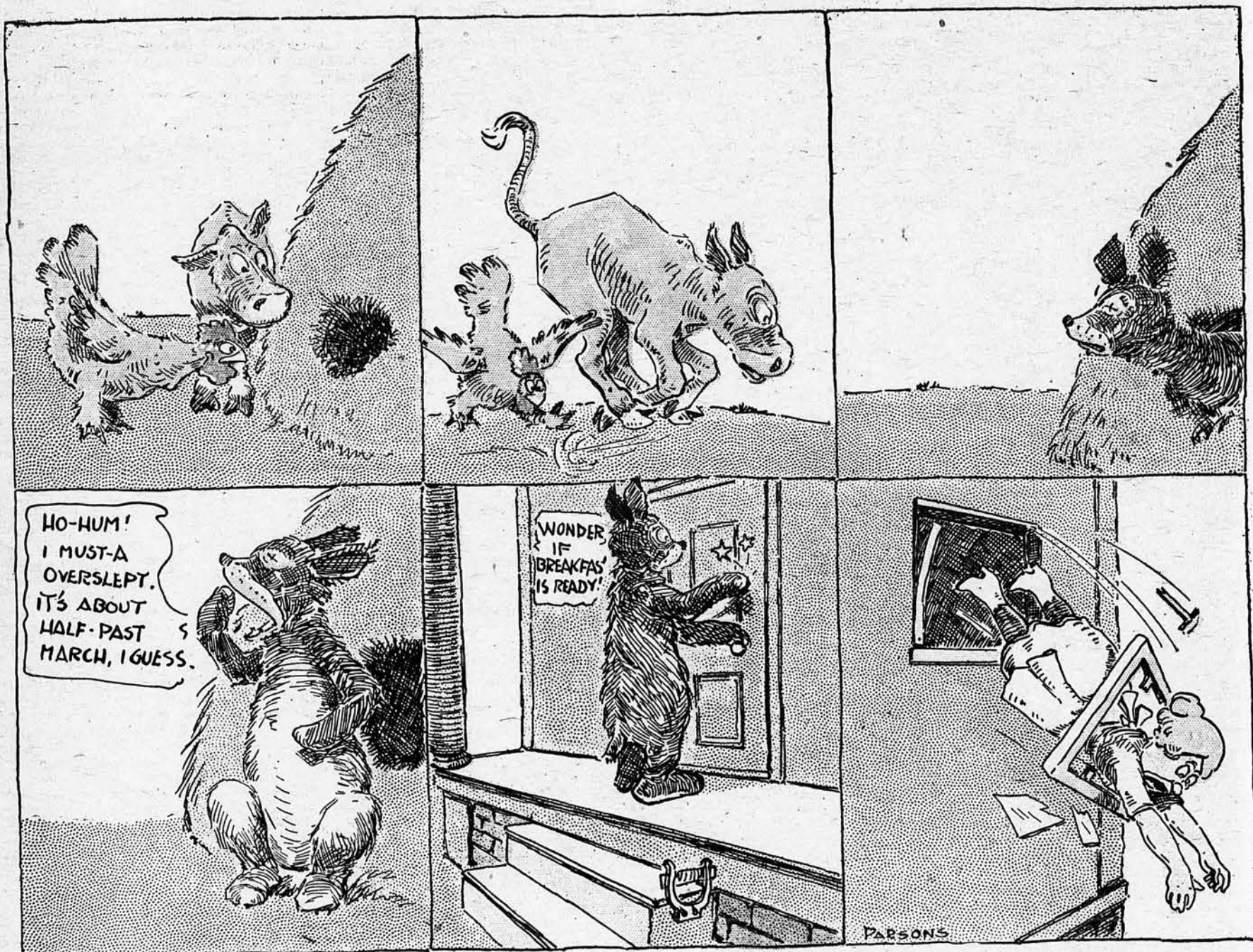


Picking Up Ideas Here and There With an Architect's Help in Planning the Roof Only, the Bigsbys Planned This Modern Farm Home



# The Adventures of the Hoovers

*Somebody Should Have Warned Bruno That the Hoovers Had Acquired a New Cook Since He Went Into Hay Quarters Last Fall*



## The Indian Drum

By WILLIAM MacHARG  
and EDWIN BALMER

THE early history of Alan Conrad was as much of a mystery to him as to others who knew him. Thru an advertisement in one of the daily papers in 1896 asking for some one to care for a boy 3 years old he was placed with the Welton family in Blue Rapids, Kan. He was accompanied by a Chicago man who paid in advance for a full year's board for the boy and he agreed to send a certain amount every two months for this purpose. For seven years the amount agreed upon and a small amount for the boy's personal use as spending money came regularly and then it suddenly ceased.

All efforts to locate the man in Chicago failed and Alan began to realize that he not only was not a member of the Welton family but that he was a pensioner on their bounty at the expense of their two children Jim and Betty. He decided to seek employment and make his own way but this plan was rejected by his benefactor and Alan was forced to continue in school. When 17 years old he finished high school and began clerking in Merrill's general store.

About this time another envelope from Chicago came one day addressed to Alan Conrad. There was no letter in the envelope but it contained a draft for \$1,500 which he indorsed and turned over to Mr. Welton to compensate him in a measure for the obligation that had not been met according to agreement by the mysterious man from Chicago. This money made it pos-

### A Story of the Adventures of Alan Conrad of Blue Rapids, Kan., on the Great Lakes

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sible for both Jim and Alan to attend college the next fall and they made arrangements to enter the university.

Four wonderful years followed. The family of a professor of physics, with whom he was brought in contact by his work outside of college, liked him and "took him up." He lodged finally in their house and became one of them. In companionship with these educated people, ideas and manners came to him which he could not have acquired at home; athletics straightened and added bearing to his muscular, well-formed body; his pleasant, strong young face acquired self-reliance and self-control. Life became filled with possibilities for himself which it had never held before.

But on his day of graduation he had to put away the enterprises he had planned and the dreams he dreamed and, conscious that his debt to father and mother still remained unpaid, he had returned to care for them; for father's health had failed and Jim who had opened a law office in Kansas City, could do nothing to help.

No more money had followed the draft from Chicago and there had been no communication of any kind; but the receipt of so considerable a sum

had revived and intensified all Alan's speculations about himself. The vague expectation of his childhood that sometime, in some way, he would be "sent for" had grown during the last six years to a definite belief. And now—on the afternoon before—the summons had come.

This time, as he tore open the envelope, he saw that besides a check, there was writing within—an uneven and nervous-looking but plainly legible communication in longhand. The letter made no explanation. It told him, rather than asked him, to come to Chicago, gave minute instructions for the journey, and advised him to telegraph when he started. The check was for a hundred dollars to pay his expenses. Check and letter were signed by a name completely strange to him.

He was a distinctly attractive looking lad, as he stood now on the station platform of the little town, while the eastbound train rumbled in, and he fingered in his pocket the letter from Chicago.

As the train came to a stop, he pushed his suitcase up on to a car platform and stood on the bottom step, looking back at the little town standing away from its railroad station among brown, treeless hills, now scantily snow-covered—the town which

was the only home he ever consciously had known. His eyes dampened and he choked, as he looked at it and at the people on the station platform—the station-master, the drayman, the man from the post office who would receive the mail bag, people who called him by his first name, as he called them by theirs. He did not doubt that he would see the town and them again. The question was what he would be when he did see them. They and it would not be changed, but he would. As the train started, he picked up the suitcase and carried it into the second day-coach.

#### Was Corvet a Relative?

Finding a seat at once he took the letter from his pocket for the dozenth time and for the dozenth time reread it. Was Corvet a relative? Was he the man who had sent the remittances when Alan was a little boy, and the one who later had sent the fifteen hundred dollars? Or was he merely a go-between, perhaps a lawyer? There was no letterhead to give aid in these speculations. The address to which Alan was to come was in Astor Street. He had never heard the name of the street before. Was it a business street, Corvet's address in some great office building, perhaps?

He tried by repeating both names over and over to himself to arouse any obscure, obliterated childhood memory he might have had of them; but the repetition brought no result. Memory, when he stretched it back to its



furthest, showed him only the Kansas prairie.

Late that afternoon he reached Kansas City, designated in the letter as the point where he would change cars. That night saw him in his train—a transcontinental with berths nearly all made up and people sleeping behind the curtains. Alan undressed and got into his berth, but he lay awake most of the night, excited and expectant. The late February dawn showed him the rolling lands of Iowa which changed, while he was at breakfast in the dining car, to the snow-covered fields and farms of northern Illinois. Toward noon, he could see, as the train rounded curves, that the horizon to the east had taken on a murky look. Vast, vague, the shadow—the emanation of hundreds of thousands of chimneys—thickened and grew more definite as the train sped on; suburban villages began supplanting country towns; stations became more pretentious. They passed factories; then hundreds of acres of little houses of the factory workers in long rows; swiftly the buildings became larger, closer together; he had a vision of miles upon miles of streets, and the train rolled slowly into a long trainshed and stopped.

Alan, following the porter with his suitcase from the car, stepped down among crowds hurrying to and from the trains. He was not confused, he was only intensely excited. Acting in implicit accord with the instructions of the letter, which he knew by heart, he went to the uniformed attendant and engaged a taxicab—its small experience; there would be no one at the station to meet him, the letter said. He gave the Astor Street address and got into the cab. Leaning forward in his seat, looking to the right and then to the left as he was driven thru the city, his first sensation was only disappointment.

Except that it was larger, with more and bigger buildings and with more people upon its streets, Chicago apparently did not differ from Kansas City. If it was, in reality, the city of his birth, or if ever he had seen these streets before, they now aroused no memories in him.

#### Into the Broad Boulevard

It had begun to snow again. For a few blocks the taxicab drove north past more or less ordinary buildings, then turned east on a broad boulevard where tall tile and brick and stone structures towered till their roofs were hidden in the snowfall. The large, light flakes, falling lazily, were thick enough so that, when the taxicab swung to the north again, there seemed to Alan only a great vague void to his right. For the hundred yards which he could view clearly, the space appeared to be a park; now a huge granite building, guarded by stone lions, stood by; then more park; but beyond—a strange stir and tingle, quite distinct from the excitement of the arrival at the station, pricked in Alan's veins, and hastily he dropped the window to his right and gazed out again. The lake, as he had known since his geography days, lay to the east of Chicago; therefore that void out there beyond the park was the lake or, at least, the harbor. A different air seemed to come from it; sounds . . . Suddenly it all was shut off; the taxicab, swerving a little, was dashing between business blocks; a row of buildings had risen again upon the right; they broke abruptly to show him a wooden-walled chasm in which flowed a river full of ice with a tug dropping the smokestack as it went below the bridge which the cab crossed; buildings on both sides again; then, to the right, a roaring, heaving, crashing ex-

perience. The sound, Alan knew, had been coming to him as an undertone for many minutes; now it overwhelmed, swallowed all other sound. It was then, not loud; all sound which Alan had heard before, except the southing of the wind over his prairies, came from one point; even the monstrous city murmur was centered in comparison with this. Alan could see only a few hundred yards out over the water as the taxicab ran along the lake drive, but what was before him was the surf of a sea; that constant, never diminishing, never increasing roar came from far beyond the shore; the surge and rise and fall and surge again were of a sea in motion. Floes floated, tossed up, tumbled, broke, and rose again with the rush of the surf; spray

flew up between the floes; geysers spouted high into the air as the pressure of the water, bearing up against the ice, burst between two great ice-cakes before the waves cracked them and tumbled them over. And all was without wind; over the lake, as over the land, the soft snowflakes lazily floated down, scarcely stirred by the slightest breeze; that roar was the voice of the water, that awful power its own.

#### A Near Relative?

Alan choked and gasped for breath, his pulses pounding in his throat; he had snatched off his hat and, leaning out of the window sucked the lake air into his lungs. There had been nothing to make him expect this overwhelming crush of feeling. The lake—he had thought of it, of course, as a great body of water, an interesting sight for a prairie boy to see; that was all. No physical experience in all his memory had affected him like this; and it was without warning; the strange thing that had stirred within him as the car brought him to the drive down-town was strengthened now a thousandfold; it amazed; half frightened, half dizzied him. Now, as the motor suddenly swung around a corner and shut the sight of the lake from him, Alan sat back breathless.

"Astor Street," he read the marker on the corner a block back from the lake, and he bent quickly forward to look, as the car swung to the right into Astor Street. It was—as in this neighborhood it must be—a residence street of handsome mansions built close together. The car swerved to the east curb about the middle of the block and came to a stop. The house before which it had halted was a large stone house of quiet, good design; it was some generation older, apparently, than the houses on each side of it

which were brick and terra cotta of recent, fashionable architecture; Alan only glanced at them long enough to get that impression before he opened the cab door and got out; but as the cab drove away, he stood beside his suitcase looking up at the old house which bore the number given in Benjamin Corvet's letter, then around at the other houses and back to that again.

The neighborhood obviously precluded the probability of Corvet's being merely a lawyer—a go-between. He must be some relative; the question ever present in Alan's thought since the receipt of the letter, but held in abeyance, as to the possibility and nearness of Corvet's relation to him, took sharper and more exact form now than he had dared to let it take before. Was his relationship to Corvet, perhaps, the closest of all relationships? Was Corvet his . . . father? He checked the question within himself, for the time had passed for mere speculation upon it now. Alan was trembling excitedly; for—whatever Corvet might be—the enigma of Alan's existence was going to be answered when he had entered that house. He was going to know who he was. All the possibilities, the responsibilities, the attachments, the opportunities, perhaps, of that person whom he was—but whom, as yet, he did not know—were before him.

He half expected the heavy, glassless door at the top of the stone steps to be opened by some one coming out to greet him, as he took up his suitcase; but the gray house, like the brighter mansions on both sides of it, remained impassive. If any one in that house had observed his coming, no sign was given. He went up the steps and, with fingers excitedly unsteady, he pushed the bell beside the door and wondered what would happen.

The door opened almost instantly—so quickly after the ring, indeed, that Alan, with leaping throb of his heart, knew that some one must have been awaiting him. But the door opened only halfway, and the man who stood within, gazing out at Alan questioningly, was obviously a servant.

"What is it?" he asked, as Alan stood looking at him and past him to the narrow section of darkened hall which was in sight.

Alan put his hand over the letter in his pocket. "I've come to see Mr. Corvet," he said—"Mr. Benjamin Corvet."

"What is your name?" Alan gave his name; the man repeated it after him, in the manner of a trained servant, quite without inflection. Alan, not familiar with such tones, waited uncertainly. So far as he could tell, the name was entirely strange to the servant, awakening neither welcome nor opposition, but indifference. The man stepped back, but not in such a manner as to invite Alan in; on the contrary, he half closed the door as he stepped back, leaving it open only an inch or two; but it was enough so that Alan heard him say to some one within:

"He says he's him."

"Ask him in; I will speak to him." It was a girl's voice—this second one, a voice such as Alan never had heard before. It was low and soft but quite clear and distinct, with youthful, impulsive modulations and the manner of accent which Alan knew must go with the sort of people who lived in houses like those on this street.

The servant, obeying the voice, returned and opened wide the door.

"Will you come in, sir?" Alan put down his suitcase on the stone porch; the man made no move to pick it up and bring it in. Then Alan stepped into the hall face to face with the girl who had come from the big room on the right.

#### Enter Constance Sherrill

She was quite a young girl—not over twenty-one or twenty-two, Alan judged; like girls brought up in wealthy families, she seemed to Alan to have gained young womanhood in far greater degree in some respects than girls he knew, while, at the same time, in other ways, she retained more than they some characteristics of a child. Her slender figure had a woman's assurance and grace; her soft brown hair was dressed like a woman's; her gray eyes had the open directness of the girl. Her face—smoothly oval, with straight brows and a skin so delicate that at the temples the veins showed dimly blue—was at once womanly and youthful; and there was something altogether likable and simple about her, as she studied Alan now. She had on a street dress and hat; whether it was this, or whether it was the contrast of her youth and vitality with this somber, darkened house that told him, Alan could not tell, but he felt instinctively that this house was not her home. More likely, it was some indefinable, yet convincing expression of her manner that gave him that impression. While he hazarded, with fast beating heart, what privilege of acquaintance with her Alan Conrad might have, she moved a little nearer to him. She was slightly pale, he noticed now, and there were lines of strain and trouble about her eyes.

"I am Constance Sherrill," she announced. Her tone implied quite evidently that she expected him to have some knowledge of her, and she seemed surprised to see that her name did not mean more to him.

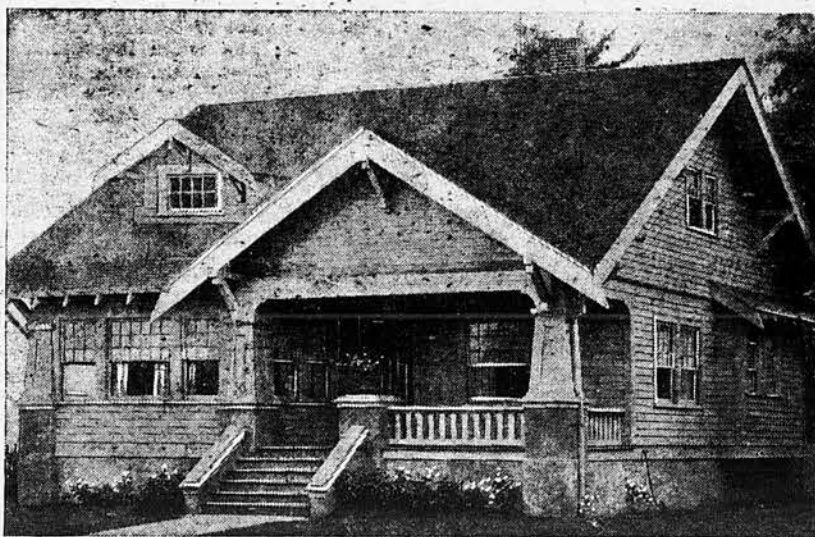
"Mr. Corvet is not here this morning," she said.

He hesitated, but persisted: "I was to see him here to-day, Miss Sherrill. He wrote me, and I telegraphed him I would be here to-day."

"I know," she answered. "We had your telegram: Mr. Corvet was not here when it came, so my father opened it." Her voice broke oddly, and he studied her in indecision, wondering who that father might be that opened Mr. Corvet's telegrams.

"Mr. Corvet went away very suddenly," she explained. She seemed, he thought, to be trying to make something plain to him which might be a shock to him; yet herself to be uncertain what the nature of that shock might be. Her look was scrutinizing, questioning, anxious, but not unfriendly. "After he had written you and something else had happened—I think—to alarm my father about him,

### Here's A Real Utility Cottage



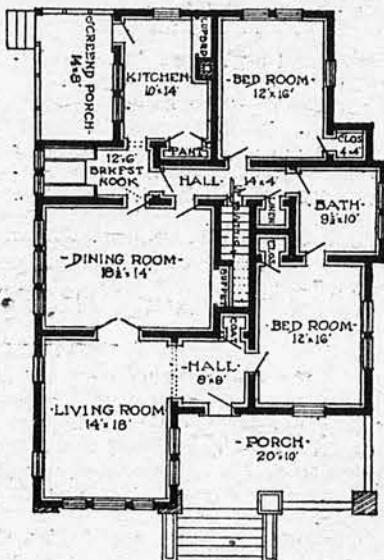
WHEN servants are not available, and for various reasons it seems less, and less expeditious to have them, the housewife becomes more desirous of having her house made as convenient and labor saving as possible. Up-to-date architects and builders fully realize this and devote much attention to this detail.

Design No. 1,282 is a good example of what a skillful designer may do with the little nooks and corners in the way of turning them into conveniences which make housekeeping easy.

Note the coat closet in the hall, the built-in buffet in the dining room, the closets in the bedrooms and hall, the breakfast nook, the closet and cupboard in the kitchen and the large attic for storage. All these items seem indispensable yet few homes have all of them, because usually there does not appear to be places to put them without crowding.

Our advice is "Study carefully to get them all in, no matter what design you may select. They are all essential, one as much as another, to the well ordered home." "A place for everything" makes "keeping everything in its place" easy. Good order and harmony in the home makes us love the home more. Love of the home makes—Oh well, why try to say all that—all the achievements of mankind are in a measure based on mankind's love of home and family.

Please note that we have no booklets or plans and can supply only those designs which have appeared in this magazine. Complete blueprints and specifications of this home may be obtained for \$15 on application to the Home Service Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan. Kindly mention design No. 1,282, when you write.





father came here to his house to look after him. He thought something might have . . . happened to Mr. Corvet here in his house. But Mr. Corvet was not here."

"You mean he has—disappeared?"

"Yes; he has disappeared."

Alan gazed at her dizzily. Benjamin Corvet—whoever he might be—had disappeared; he had gone. Did any one else, then, know about Alan Conrad?

"No one has seen Mr. Corvet," she said, "since the day he wrote to you. We know that—that he became so disturbed after doing that—writing to you—that we thought you must bring with you information of him."

"Information!"

"So we have been waiting for you to come here and tell us what you know about him or—your connection with him."

#### Discussion of a Shadow

Alan, as he looked confusedly and blankly at her, made no attempt to answer the question she had asked, or to explain. For the moment, as he fought to realize what she had said and its meaning for himself, all his thought was lost in mere dismay, in the denial and checking of what he had been feeling as he entered the house. His silence and confusion, he knew, must seem to Constance Sherrill unwillingness to answer her; for she did not suspect that he was unable to answer her. She plainly took it in that way; but she did not seem offended; it was sympathy, rather, that she showed. She seemed to appreciate, without understanding except thru her feelings, that—for some reason—answer was difficult and dismaying for him.

"You would rather explain to father than to me," she decided.

He hesitated. What he wanted now was time to think, to learn who she was and who her father was, and to adjust himself to this strange reversal of his expectations.

"Yes; I would rather do that," he said.

"Will you come around to our house, then, please?"

She caught up her fur collar and muff from a chair and spoke a word to the servant. As she went out on to the porch, he followed her and stooped to pick up his suitcase.

"Simons will bring that," she said, "unless you'd rather have it with you. It is only a short walk."

He was recovering from the first shock of her question now, and, reflecting that men who accompanied Constance Sherrill probably did not carry hand baggage, he put the suitcase down and followed her to the walk. As she turned north and he caught step beside her, he studied her with quick interested glances, realizing her difference from all other girls he ever had walked with, but he did not speak to her nor she to him. Turning east at the first corner, they came within sight and hearing again of the turmoil of the lake.

"We go south here," she said at the corner of the Drive. "Our house is almost back to back with Mr. Corvet's."

#### Where Wealth is Found

Alan, looking up after he had made the turn with her, recognized the block as one he had seen pictured sometimes in magazines and illustrated papers as a "row" of the city's most beautiful homes. Larger, handsomer, and finer than the mansions on Astor Street, each had its lawn or terrace in front and on both sides, where snow-manteled shrubs and straw-bound rosebushes suggested the gardens of spring. They turned in at the entrance of a house in the middle of the block and went up the low, wide stone steps; the door opened to them without ring or knock; a servant in the hall within took Alan's hat and coat, and he followed Constance past some great room upon his right to a smaller one farther down the hall.

"Will you wait here, please?" she asked.

He sat down, and she left him; when her footsteps had died away, and he could hear no other sounds except the occasional soft tread of some servant, he twisted himself about in his chair and looked around. A door between the room he was in and the large room which had been upon his right as they came in—a drawing-room—stood open; he could see into the drawing-room,

and he could see thru the other door a portion of the hall; his inspection of these increased the bewilderment he felt. Who were these Sherrills? Who was Corvet, and what was his relation to the Sherrills? What, beyond all, was their and Corvet's relation to Alan Conrad—to himself? The shock and confusion he had felt at the nature of his reception in Corvet's house, and the strangeness of his transition from his little Kansas town to a place and people such as this, had prevented him from inquiring directly from Constance Sherrill as to that; and, on her part, she had assumed, plainly, that he already knew and need not be told.

He got up and moved about the rooms; they, like all rooms, must tell something about the people who lived in them. The rooms were large and open; Alan, in dreaming and fancying to himself the places to which he might some day be summoned, had never dreamed of entering such a home as this. For it was a home; in its light and in its furnishings there was nothing of the stiffness and aloofness which Alan, never having seen such rooms except in pictures, had imagined to be necessary evils accompanying riches and luxury; it was not the richness of its furnishings that impressed him first, it was its livableness. Among the more modern pieces in the drawing-room and hall were some which were antique. In the part of the hall that he could see, a black and ancient-looking chair whose lines he recognized, stood against the wall. He had seen chairs like that, heirlooms of colonial Massachusetts or Connecticut, cherished in Kansas farmhouses and recalling some long-past exodus of the family from New England. On the wall of the drawing-room, among the beautiful and elusive paintings and etchings, was a picture of a ship, plainly framed; he moved closer to look at it, but he did not know what kind of ship it was except that it was a sailing ship of some long-disused design. Then he drew back again into the smaller room where he had been left, and sat down again to wait.

#### The Fire Was Comfortable

A comfortable fire of cannel coal was burning in this smaller room in a black fire-basket set in a white marble grate, obviously much older than the house; there were big easy leather chairs before it, and beside it there were bookcases. On one of these stood a two-handled silver trophy cup, and hung high upon the wall above the mantel was a long racing sweep with the date '85 painted in black across the blade. He had the feeling, coming quite unconsciously, of liking the people who lived in this handsome house.

He straightened and looked about, then got up, as Constance Sherrill came back into the room.

"Father is not here just now," she said. "We weren't sure from your telegram exactly at what hour you would arrive, and that was why I waited at Mr. Corvet's to be sure we wouldn't miss you. I have telephoned father, and he's coming home at once."

She hesitated an instant in the doorway, then turned to go out again.

"Miss Sherrill—" he said.

She halted. "Yes."

"You told me you had been waiting for me to come and explain my connection with Mr. Corvet. Well—I

can't do that; that is what I came here hoping to find out."

She came back toward him slowly.

"What do you mean?" she asked.

He was forcing himself to disregard the strangeness which his surroundings and all that had happened in the last half hour had made him feel; leaning his arms on the back of the chair in which he had been sitting, he managed to smile reassuringly; and he fought down and controlled resolutely the excitement in his voice, as he told her rapidly the little he knew about himself.

He could not tell definitely how she was affected by what he said. She flushed slightly, following her first start of surprise after he had begun to speak; when he had finished, he saw that she was a little pale.

"Then you don't know anything about Mr. Corvet at all," she said.

"No; until I got his letter sending for me here, I'd never seen or heard his name."

She was thoughtful for a moment.

"Thank you for telling me," she said. "I'll tell my father when he comes."

"Your father is—?" he ventured.

She understood now that the name of Sherrill had meant nothing to him. Father is Mr. Corvet's closest friend, and his business partner as well," she explained.

He thought she was going to tell him something more about them; but she seemed then to decide to leave that for her father to do. She crossed to the big chair beside the grate and seated herself. As she sat looking at him, hands clasped beneath her chin, and her elbows resting on the arm of the chair, there was speculation and interest in her gaze; but she did not ask him anything more about himself. She inquired about the Kansas weather that week in comparison with the storm which had just ceased in Chicago, and about Blue Rapids, which she said she had looked up upon the map, and he took this chat for what it was—notification that she did not wish to continue the other topic just then.

She, he saw, was listening, like himself, for the sound of Sherrill's arrival at the house; and when it came, she recognized it first, rose, and excused herself. He heard her voice in the hall, then her father's deeper voice which answered; and ten minutes later, he looked up to see the man these things had told him must be Sherrill standing in the door and looking at him.

#### His Eyes Were Thoughtful

He was a tall man, sparsely built; his broad shoulders had been those of an athlete in his youth; now, at something over fifty, they had taken on a slight, rather studious stoop; and his brown hair had thinned upon his forehead. His eyes, gray like his daughter's, were thoughtful eyes; just now deep trouble filled them. His look and bearing of a refined and educated gentleman took away all chance of offense from the long, inquiring scrutiny to which he subjected Alan's features and figure before he came into the room.

Alan had risen at sight of him; Sherrill, as he came in, motioned him back to his seat; he did not sit down himself, but crossed to the mantel and leaned against it.

"I am Lawrence Sherrill," he said. As the tall, graceful, thoughtful man

stood looking down at him, Alan could tell nothing of the attitude of this friend of Benjamin Corvet toward himself. His manner had the same reserve toward Alan, the same questioning consideration of him, that Constance Sherrill had had after Alan had told her about himself.

"My daughter has repeated to me what you told her," Mr. Conrad, Sherrill observed. "Is there anything you want to add to me regarding that?"

"There's nothing I can add," Alan answered. "I told her all that I know about myself."

"And about Mr. Corvet?"

"I know nothing at all about Mr. Corvet."

"I am going to tell you some things about Mr. Corvet," Sherrill said. "I had reason—I do not want to explain just yet what that reason was—for thinking you could tell us certain things about Mr. Corvet, which would, perhaps, make plainer what has happened to him. When I tell you about him now, it is in the hope that, in that way, I may awake some forgotten memory of him in you; if not that, you may discover some coincidences of dates or events in Corvet's life with dates or events in your own. Will you tell me frankly, if you do discover anything like that?"

"Yes; certainly."

Alan leaned forward in the big chair, hands clasped between his knees, his blood tingling sharply in his face and fingertips. So Sherrill expected to make him remember Corvet! There was strange excitement in this, and he waited eagerly for Sherrill to begin. For several moments, Sherrill paced up and down before the fire; then he returned to his place before the mantel.

"I first met Benjamin Corvet," he commenced, "nearly thirty years ago. I had come West for the first time the year before; I was about your own age and had been graduated from college only a short time, and a business opening had offered itself here.

"There was a sentimental reason—I think I must call it that—as well, for my coming to Chicago. Until my generation, the property of our family had always been largely—and generally exclusively—in ships. It is a Salem family; a Sherrill was a sea-captain, living in Salem, they say, when his neighbors—and he, I suppose—hanged witches; we had privateers in 1812 and our clippers went round the Horn in '49. The Alabama ended our ships in '63, as it ended practically the rest of the American shipping on the Atlantic; and in '75, when our part of the Alabama claims was paid us, my mother put it in bonds waiting for me to grow up.

(TO BE CONTINUED)

#### The Capper-Volstead Bill

Permit me to congratulate Senator Capper and his associates upon the passage of the Co-operative Marketing authorization generally known as the Capper-Volstead bill.

I know of no other measure that will give more pleasure or in the long run that will be of more benefit to the farmers of this country than this measure. It definitely removes from all farmers the menace of the jail which has been staring them in the face since the McCall decision when they are doing a right and proper thing in producing and distributing foodstuffs and raw materials for clothing. Much credit must be given Senator Capper for early having seen the value to the farmers of this measure. His early interest is evident since the bill was first known as the Capper-Hersman bill. At that time, and all along the difficult road which this bill has traveled he has been consistent and faithful and vigilant in advocating its enactment.

He and a few others early were struggling with this measure but later with the organization of the agricultural bloc of which he is a charter member, the advocacy of this bill took on a new impetus. Today it is a reality as a result of the untiring efforts of him and his co-workers of the agricultural bloc.

I know full well that the farmers of America not only do now appreciate but will continue to be more and more appreciative as they become more familiar with the benefits to be derived from this authorization.

Gray Silver.  
Washington representative American Farm Bureau Federation.

## Declares Farmers Taxed Unfairly

THE Kansas State Tax Commission discriminates against farm land and taxes farm land at a higher rate than it does city real estate. The commission raised farm assessments 20 per cent, but made no advances on town property and as a result of this disproportionate and unfair discriminating against farm land in favor of city real estate Kansas farmers are paying more taxes proportionately than are holders of city real estate.

Ernest Cheney, master of Indian Creek Grange, who lives north of Topeka, made the foregoing charges against the state tax commission in a talk before The Topeka Rotary Club February 16. Mr. Cheney was one of 125 dirt farmers, check-book farmers and roll-top-desk farmers who were guests at the club's farmers' luncheon. He said that some farms were selling for approximately the assessed valuation. Farm prices had come down, while taxes remained up, he declared, while city property, on which assessments never had been raised was still high. Mr. Cheney said he had investigated sales and assessments of city and town real estate to confirm these facts. He also declared that the commission was a one-man commission, being run by Samuel Howe.

The Rotary farmers' luncheon was the suggestion of Ralph Searle, one of the six farmers who are members of the club at Topeka, Kan.



## Jayhawker's Farm Notes

By Harley Hatch

HIGH winds which blew here during the last week might have sapped a little moisture from the ground but no soil was drifted. This solid soil may have faults, but in windy periods we feel that we made no mistake when we changed a sandy farm for one with heavy soil. The warm days which followed the wind started the wheat enough to let us know it was alive and ready to respond when showers and warmer weather arrive. No better winter for livestock ever has been known in the West up to this time; every bit of feed is eaten, none being wasted in the mud, as so often happens here in winter.

### Better Prices Encourage Farmers

There is a distinctly better feeling among farmers here now. They note the signs of lowered farm implement prices and they know that with the coming of warmer weather expenses will be less. But the best news is the higher prices being paid for all classes of livestock and the strengthening grain market. Corn is still selling for 50 cents a bushel here but when the local supply now for sale is used and shipments must be made from the outside there is a good chance of corn selling higher than that figure. Feed oats are 35 cents while 1920 oats of good weight are being priced at 45 cents for seed. Wheat is bringing from \$1.05 to \$1.10. A local firm of livestock shippers is paying 65 cents a hundred less than Kansas City top price for hogs, which would make good hogs worth close to \$9 just now. Everything is looking better except the hay market. Evidently hay is down to stay until a short crop shows up. Perhaps, it may be for the best, so far as soil fertility is concerned, if more hay is fed on the farms and less hauled to the railroad.

### Good Outlook for Wheat

A trip to Chanute this week by motor disclosed a very good outlook for wheat. The best wheat seen was near LeRoy. This was growing in the river bottom and the color and heavy leaf growth indicated that it was soft wheat. We do not think there is any wheat between here and Chanute but what is in good condition and ready to respond to spring rains and sunshine. The 70-mile trip was made by way of LeRoy, Iola, and Humboldt and the return was by way of Buffalo, Yates Center and Gridley. There is more evidence of new building in Gridley than in all the other towns together. Gridley is probably growing faster than any other town in Kansas due to the oil field being developed close by.

### A Water Supply Essential

Our trip to Chanute was to look at some 2,750 feet of second hand 2-inch iron pipe which we had heard was for sale there for 4 cents a foot. We found the pipe but it was in such condition that we did not invest. The use we had for it was to run water for about 165 rods by gravity from a reservoir to the buildings and also to our truck patch. We had not figured we could afford to use 2-inch pipe but this lot was priced so low that we thought perhaps we might find it good enough to run water thru when not under pressure. We shall likely fall back on smaller pipe when we find any pipe priced so we can afford to buy it, although we are aware that the larger the pipe the freer water will flow thru it. We can get along without this additional water supply until pipe is more reasonable in price although a greater flow of water would be a good thing in irrigating time.

### Hens Back on Full Time

The hens in this part of Kansas began their spring laying very early this year. If there is no severe weather the supply of first grade eggs will be very large for the eggs which are produced from this time until the first of May are always of the best quality. Feed of different kinds is

very plentiful on virtually every farm and everybody seems ready to do all they can for their hens, which have been their best friends during the last year. We suppose that it would be possible to overstock the market with eggs and poultry but we never have seen the time when poultry products of good quality did not pay a better per cent of profit than any other farm production. The eggs which brought the extremely low prices in the last two or three years were produced in periods of intense heat and until we reach that heat period of summer eggs probably will bring a profitable price, feed prices considered. Every farm dweller knows that the early hatched pullets are the ones that lay the eggs in late winter and early spring and from what we can hear we think there will be more eggs set for early hatching than ever before. The hen is no longer considered as the farm outcast and on more and more farms we note that she is being given buildings next in comfort to that of the farm house itself.

### \$161,500 Extra If You Desire It

(Continued from Page 3)

after every three or four batches have been treated. However, this may be impracticable where it is difficult to get water, and in such cases corrosive sublimate may be added at the rate of  $\frac{1}{2}$  to  $\frac{5}{8}$  ounces to 30 gallons after every 4 bushels of potatoes have been treated. That is on the basis of the  $1\frac{1}{2}$  hour treatment. If the 30 minute period of treatment is used, then only  $\frac{1}{4}$  ounce should be added for every 4 bushels treated. This addition should not be made more than four times. A new solution should then be made up.

"If the solution has stood overnight, it should not be used, because it will have lost much of its strength. Dirt also weakens it rapidly and the putting of excessive amounts of dirt in the solution should be avoided.

"While half an hour has been commonly adopted as the time to leave the potatoes in the solution, it should be remembered that the kind of season has much to do with the control of potato tuber borne diseases. One half hour is satisfactory where potato seed is planted in soils that are light, sandy and warm up quickly in the spring, but in heavier soils which do not drain or warm up so rapidly, it is more advisable to treat the seed  $1\frac{1}{2}$  hours. If just a trace of the infection remains on the seed the disease may spread rapidly and cause serious loss. The longer treatment reduces the chances of any organism escaping the poison.

"Badly sprouted seed potatoes, which have sprouts from  $\frac{1}{8}$  to  $\frac{1}{4}$  inch in length or longer, should not be treated. There usually are one or two sprouts at the blossom end of the tuber that are farther along than the others, but this should not prevent one from treating. If the sprouts all over the potato are far advanced, then seed treatment should not be practiced because injury likely will result. If seed is sprouted but there is doubt whether the sprouts are far enough advanced to cause injury, the half hour treatment is advisable.

"Treated seed should not be stored unless thoroughly dried. It is best to plant soon after treatment. Many growers have gotten good results by treating, cutting and planting on the same day."

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## Among the County Agents

BY RURAL CORRESPONDENTS

ONE of the best poultry meetings ever held in Osage county was held at Lyndon recently, according to L. H. Rochford, county agent. Mr. Rochford says more than 300 people came to hear the talk given by N. L. Harris, extension poultry specialist of Kansas State Agricultural College. The meeting was held at the farm of Percy Atkins. Mr. Rochford says that Mr. Atkins has two buildings 20 by 80 feet, which are used as brooders. They are equipped with stoves and other modern conveniences in order to keep the chicks comfortable during cool weather. Mr. Atkins has a 1,600 egg incubator which is located in a cave. A separate stove in this building provides all the heat needed. Water is piped into the cave. Mr. Atkins has a carbon light installed in all the chicken houses as well as in his house and barn. He has White Leghorn chickens and Mr. Rochford says he is doing well in the business.

### Lyon County Organizes Clubs

An effort is being made to make Lyon county one of the leading club counties in Kansas. C. L. McFadden, county agent and Francis Welsh, teacher of agriculture in the Kansas State Normal, assisted by Nevels Pearson, in charge of the livestock club work for Kansas State Agricultural college, have been organizing boys' and girls' clubs in Lyon county. A meeting was recently held at Americus, with about 20 in attendance. If five or more boys or girls sign up for a club one will be organized. Club work has as its object the demonstration of certain definite principles and is educational on a practical scale, according to Mr. Pearson, who says boys and girls who enter pig club work are not doing so to have a pig pet to play with, but are doing so to show the economy of certain good feeding practices and the value of good animals.

### Alta Vista Starts a Pig Club

A pig club is being organized at Alta Vista and 10 boys have already agreed to become members. At a meeting held there recently Paul B. Gwin, Morris county agent and F. H. Manning, president of the bureau, talked on pig and poultry clubs. Mr. Gwin emphasized having only one breed for an entire club. Mr. Manning offered to give a \$50 gilt to the boy winning first prize in the club should the boys decide to use Spotted Polands. Mr. Gwin stated that members of the pig club would be taught how to judge stock, as well as the proper methods of feeding and caring for their animals. Mr. Gwin will make an effort to coach a stock judging team to compete with teams from other counties at the different fairs next fall. He urged members of this club to participate in the judging work.

### Cherokee Women Study Housekeeping

The women's clubs organized by Miss Sara Jane Patton, Cherokee county home demonstration agent, served a dinner at the annual farm bureau meeting in that county this year. At the dinner 280 persons were served. The cost was 30 cents a plate. This, Miss Patton says, was sufficient to pay all of the expenses connected with the dinner. Miss Patton says that several of the clubs hold regular monthly

meetings to study the problems in which women are interested. The Maplewood Homemakers' Club, the Crestline Harmony Club, the Star Center Homemakers and the Pollyanna Club will study poultry. The Pleasant Hour Club is working on millinery and clothing. Miss Patton has made arrangements with Miss Maude Finley to hold a training school in the county from March 6 to March 18. Ten of the clubs in the county have chosen millinery as their main project.

### Hopewell Garment Making Club

Fifteen girls of the Hopewell community in Pratt and Stafford counties have founded the Hopewell Garment Making Club under the leadership of Mrs. Bessie Lucas. Included in the organization are five sets of sisters, according to Miss Edith Holmberg, Pratt county home demonstration agent. The girls in the club are Lucile Curtis, Alpha and Pearl Clements, Erma and Naomi Neeley, Blanche and Frances Hudson, Ruth and Edna Kearns, Ethel and Hazel Hamilton, Ethel and Ruth Wilson and Blanche, Lola and Gladys Johnson.

Miss Holmberg has also organized a club of 10 girls at Byers under the leadership of Mrs. Bertha McHenry. The members of this club are Theresa McHenry, Mildred Randle, Thelma Hughes, Lulu McDonald, Etta Tompkins, Ova Swafford, Cynthia Dixon, Bessie Randle, Edith Sprinkle and Pauline Barcus.

### Co-operative Creamery Profitable

One of the outstanding co-operative creameries of Kansas is the Linn-Palmer Creamery Company in Washington county, according to W. T. Crandall, extension dairy specialist of Kansas State Agricultural College. Mr. Crandall says this company is one of the few co-operative companies in the state which is doing business on a sound, profitable basis. At the annual meeting of the company held recently at Linn, the officers Owen Bell, Ed Stuenkel, Henry Ohlde, Henry Hatesohl and Henry Rahe, were elected. Mr. Ohlde talked on the value of the creamery to the community. Mr. Stuenkel gave an address on better cream and larger production. Mr. Hatesohl talked on better cows and more customers and Mr. Bell told of the difference between direct shipping to other companies and selling to the home creamery. A drive will be conducted in the near future to obtain more stockholders in the organization.

### Cherokee Bureau Elects Officers

The advisory council of the Cherokee County Farm Bureau met in the bureau office recently and elected the executive board for the coming year. According to Roy E. Gwin, Cherokee county agent, the officers of the executive board elected were as follows: J. M. Forbes, Hallowell; J. E. Lowe, Baxter Springs; J. J. O'Malley, Scammon; F. S. Taylor, Columbus; J. Earl Watts, Hallowell; Phil Fisher, Columbus; George Merrill, McCune; O. R. Shearer, Columbus; N. T. Harvey, Galena; Walter Clugston, Cherokee. The officers of the bureau are also officers ex-officio of the executive board. W. H. Shaffer, Columbus, is president; Mrs. David Dunbar, Hallowell, is vice-president and W. E. Taylor, Columbus,

secretary-treasurer. The entire direction of the bureau and its policies are in the hands of this board.

W. H. Shaffer was chosen as delegate to the annual meeting of the Kansas State Farm Bureau. W. E. Taylor was elected as delegate to the 1923 meeting of the Kansas State Board of Agriculture. A plan for the collection of the 1922 dues was discussed and adopted. It was decided to enter the "Better Bulls Contest" which is to be staged this year by the extension division of the Kansas State Agricultural College in co-operation with the Kansas City Chamber of Commerce.

### Nemaha Bureau to Continue

The word was passed around that the county commissioners of Nemaha county would be asked to discontinue the appropriations for farm bureau work, and this brought a protest to the county commissioners against cutting off the appropriations with the result that the board appropriated funds for another year, at a meeting recently. A large number of farmers belonging to another farm organization had signed a petition, several weeks ago, asking that the bureau be discontinued. However, members of the bureau seemed to be satisfied with the work and induced the commissioners to appropriate money for the coming year.

### Fertilizers Improve Alfalfa

Fertilizer for alfalfa is being advocated by Cecil L. McFadden, Lyon county agent. Mr. McFadden says that an application of barnyard manure at the rate of 5 tons an acre once every four years, or acid phosphate at the rate of 150 pounds a year, will be a big help to Lyon county alfalfa fields. Mr. McFadden says Vernon Milner is one farmer who will try out fertilizer for alfalfa this year. Mr. McFadden says that Mr. Milner is one of the first farmers in the county to appreciate the value of fertilizer for alfalfa.

### To Try Kanota Oats

Nemaha county farmers are trying out Kanota oats. E. L. McIntosh, county agent, obtained 225 bushels of seed. It has been placed among 12 farmers in different parts of the county. Mr. McIntosh says two small fields were grown in Nemaha county last year. He says the average increase is from 10 to 12 bushels an acre over the best yielding varieties of common oats.

### Pottawatomie Shorthorn Association

The Pottawatomie Tri-County Shorthorn Breeders Association, composed of breeders in Pottawatomie, Riley and Wabaunsee counties, was organized at Manhattan, recently, according to C. E. Aubel of the animal husbandry department of Kansas State Agricultural College. E. C. Otto, Riley county, was elected president; Frank O'Daniel, Pottawatomie county, vice-president; and C. E. Aubel, secretary-treasurer. Mr. Aubel sent out the call for the meeting and is now sending out a call to every Shorthorn breeder in the three counties to join the organization.

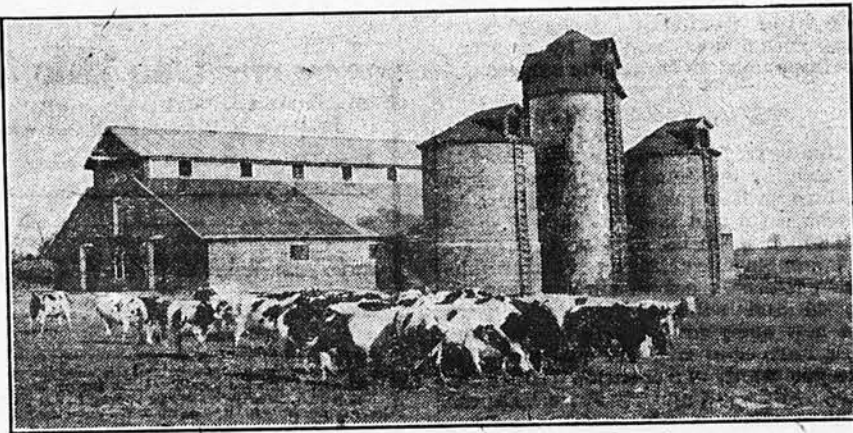
### For Better Sires

Two Marshall county farmers are co-operating to put a good sire at the head of their herds, according to John J. Inskeep, Marshall county agent. Mr. Inskeep says B. F. Koozer and R. E. Spiller of Beattie have purchased a Holstein bull from one of the best herds in the state. The bull, Collins Farm "King Pieterje Segis," is a full brother to a cow which produced more than 20 pounds of butter in seven days and 637.4 pounds of butter and 11,892 pounds of milk in 270 days when 2½ years old.

### Girl's Garden Nets Her \$50.26

Louise Hemme of Perry, Kan., in a letter to Joe M. Goodwin, Jefferson county agent, states that from her garden last year she sold vegetables which amounted to \$11.15, and that she exhibited vegetables at three fairs. She won enough prize money to make her a net profit of \$50.26. She says she will be in the garden club next year. This is Louise's fourth year in the club. Last year she had 8 square rods in garden. This year 2 square rods of strawberries will be included in her garden.

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## Middle West Plains News

BY EARLE H. WHITMAN

**T**HE record for fattening stock cattle this season is said to belong to O. R. Knight, a farmer living east of Lyons, Rice county, Kansas. Mr. Knight bought a carload of stock feeders last fall, and in 100 days put on a gain which averaged 187 pounds to the animal—almost 2 pounds a day. The remarkable thing about this achievement is that the animals were fed no corn or meal, their ration consisting entirely of silage and alfalfa hay.

### Pool Brought Higher Turkey Prices

Co-operative marketing of turkeys by Comanche county, Kansas, farmers during the last sales season proved a complete success. Thru the efforts of the county farm bureau, 1,245 turkeys, weighing approximately 16,000 pounds, were brought together in Coldwater and sold co-operatively to one company for \$5,280, or 33 cents a pound. It was estimated that only about half the turkeys raised in the county were sold thru the pool, but this instance of co-operative selling helped to bring up the price all over the county.

The turkey pool was started in Comanche county a year ago last fall, when the farm bureau sent out a call to its members to bring their turkeys to Coldwater to market. The price obtained that fall was 32½ cents a pound, when the Kansas City market was 52 cents for dry picked birds. This last fall and winter 33 cents was obtained when the Kansas City market was only 42 cents. In 1919, before the pool was started, Comanche county farmers had to take from 23 to 26 cents a pound for their turkeys when the Kansas City market was paying 60 cents.

### Have Their Own Wireless Set

Musical concerts in remote cities, speeches by prominent men, and market reports, are heard frequently in the farm home of Hugh Stout, near Alden, Kan., by wireless. The Stout apparatus receives messages from Philadelphia. Mr. and Mrs. Stout have been entertained with grand opera concerts in their home, with sermons by noted ministers and with speeches by governors and other leaders in national life. The wireless set makes interesting many an otherwise quiet evening.

### Average Wheat Acreage in Colorado

Colorado farmers have out about the usual acreage of winter wheat this year, according to the co-operative federal-state crop report recently issued by W. W. Putnam, of the United States Bureau of Markets and Crop Estimates. The preliminary estimate of winter wheat sown last fall is placed at 1,466,000 acres, compared with 1,496,000 acres sown in the fall of 1920, and about 1,073,000 sown in the autumn of 1919.

### Chickens Made \$50 a Month

An average monthly profit of more than \$50 is the showing made last year by J. O. Donner of Pratt county, Kansas, with his big flock of White Leghorns. Mr. Donner's hens produced a total of 3,234 dozen eggs during 1921. He sold 2,734 dozen of these on the market for \$703.40, and 202 dozen and nine eggs for setting purposes. More than 250 dozen eggs were eaten by the family. Proceeds from the sale of chickens amounted to

\$161.99, and about \$45 worth were consumed at home. The feed bill for the year was \$141, while \$85 was spent for baby chicks. Mr. Donner has about 350 young pullets, and a number of older hens, left for work this spring.

"Be sure to get roosters which come from good laying strains, if you wish to hatch pullets that will lay well," advises this poultryman. "I have found that roosters which come from a strain bred for laying are better than just ordinary roosters. My hens averaged 155 eggs apiece for last year, which is about 35 eggs better than the state average." Mr. Donner also keeps up the high standard of his flock by culling to get rid of the poor layers.

### Pueblo Plans Big Dairy Show

Interest in dairy cattle is so pronounced in Colorado that the state fair association is planning on having the largest dairy show in its history next fall. According to J. L. Beaman of Pueblo, manager, the indications now are that the new livestock pavilion will be filled with dairy cattle. Manufacturers of dairy equipment are much interested in the show and have advised the management that they expect to send large displays of machinery to the fair. Arrangements are being made to supply adequate quarters for the display of this equipment close to the dairy pavilion where it will be available for inspection by the fair visitors. Many special prizes will be offered during the fair by the various breed associations, in addition to prize money made available by the state.

### Modern Lights for Country Church

A modern electric lighting system is being installed in the big Mennonite church east of Pretty Prairie, in Reno county, Kansas. The church is the first in that section to have a privately owned and self-operated electric lighting system. A number of the prosperous farmers in that part of the state have private lighting plants of this kind to light their homes, yards, barns and feedlots.

### More Chicken Talk

George Wood of Sterling, Kan., tells of his experience with poultry. He says: "I bought 18 young pullets from a produce man about 10 weeks ago. In January these pullets laid 322 eggs, an average of 17 8-9 apiece. I set four hens in January on 15 eggs each. The first hen hatched 14 chicks February 6. I am now getting 11 eggs a day from 13 hens."

### Osage Hereford Breeders Meet

Sixteen Hereford breeders recently met at Lyndon, Kan., and formed the Osage County Hereford Breeders' association. This organization was formed to promote the interests of Herefords in Osage county and L. H. Rochford, county agent, is urging every Hereford breeder in the county to get in touch with E. E. Bailey who was elected secretary-treasurer. Another meeting was set to discuss plans for sponsoring a Hereford calf club in the county. Officers of the association are Frank Hug, Scranton, president; Art Reed, Scranton, first vice-president; Alva Swezey, Olivet, second vice-president; Roy Anderson, Scranton, third vice-president; E. E. Bailey, Scranton, secretary-treasurer.

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The stock is offered subject to prior sale and to the right of the owners to reject in whole or in part any or all bids.

Bids will be received up to April 1, 1922, by The Illinois Trust and Savings Bank of Chicago, for such shares of stock as are owned by these groups in Public Stock Yards Market Companies.

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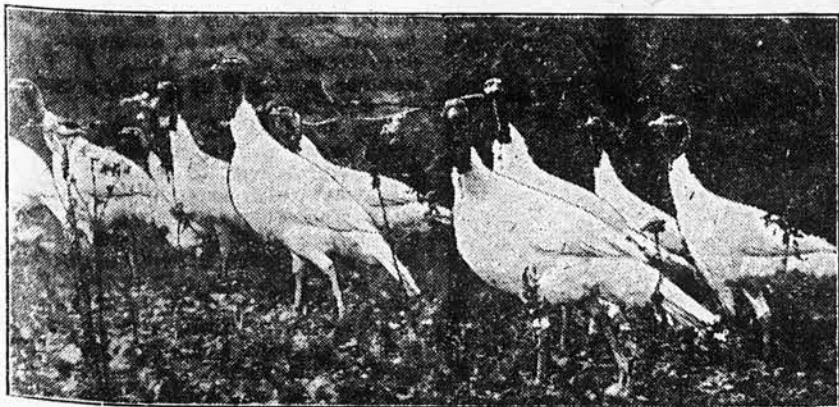
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Turkeys are becoming much more popular in the Middle West. They convert feed that otherwise would be wasted into a valuable product.



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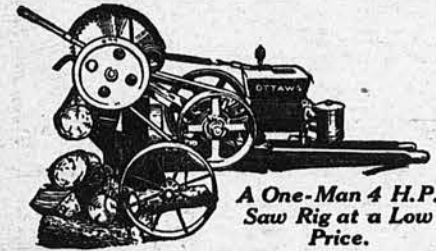
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### MAKE MONEY SELLING WOOD

Topeka, Kansas.—The high price of coal in the Middle West has created a big demand for cordwood. Thousands in the cities and on the farms are going to burn wood this year. The man who has timber will find a ready market at good prices for all the wood he can saw and is willing to sell.

The demand for a convenient, easy-to-use power sawing outfit has been answered. Now, at last, a real one-man 4 Horse-power Saw Rig that will quickly cut small trees and branches, is available. The machine illustrated



is the new One-Man Saw Rig invented by Mr. H. C. Overman of the Ottawa Mfg. Co. This machine develops 4 H. P., and will cut from 15 to 30 cords of wood a day. It uses common gasoline. Simple and easy to operate. When not sawing wood it is quickly attached to machinery requiring steady, even power.

C. L. Keiffer, of Ellis, O., ran this Ottawa Saw 16 hours and sawed 30 tons of wood.

A big book explaining this wonderful machine will be sent free to anyone who writes Mr. H. C. Overman, care of the Ottawa Mfg. Co., Dept. 3047, Ottawa, Kan.—Advertisement.

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

## Modern Farming in Kansas

BY SAMUEL M. BROWNING

**I**N A dry period, such as the last few months have been in Kansas, we learn the value of an ample supply of water on the farm quite well. Fortunate indeed is the man who has a good spring. Unless one is available it is an excellent idea to dig enough wells to provide a water supply ample for dry times, for farm animals cannot be expected to do their best unless they get plenty of pure water.

### Crops to Use on Wheat Land

A considerable proportion of the wheat, especially in some counties in Central Kansas, probably will have to be planted to other crops. It is important that one decide soon what crops he will use. There was an excellent story along this line in Kansas Farmer and Mail and Breeze for January 14. One very evident thing is to stay away from spring wheat, except perhaps in a few counties in North-western Kansas. Most of the acreage will go into corn, sorghums, oats and barley, depending on the location and the requirements of the individual farm. Don't forget that we need a big increase in the acreage of the legumes, especially alfalfa.

### A Need for Pure Seed

One of the very effective talks at Manhattan during Farm and Home Week was that delivered by J. C. Mohler, secretary of the Kansas State Board of Agriculture, before the Kansas Crop Improvement association on the need for a pure seed law in this state. Kansas has been the dumping ground altogether too long for the poor seeds of the country. Almost all farmers are behind the demand for legislation which will make it possible for a man to know that what he is buying when he purchases seed. The next legislature will do well to pay attention to this desire of farmers.

### More Interest in Hogs

Good averages are being obtained at most of the hog sales this year, as the sale reports in the Kansas Farmer and Mail and Breeze will indicate. The state is headed back into the pork business at an encouraging rate. This will be mighty helpful in increasing farm profits in the next few years.

### Losses From Tuberculosis

The damage which tuberculosis does in the United States is much larger than is appreciated generally. As Dr. R. R. Dykstra, dean of the division of veterinary science of the Kansas State Agricultural College, said in an address during Farm and Home Week, it has been shown clearly that 75 per cent of the so-called gland cases of tuberculosis in children are of cattle origin; 66 per cent of generalized tuberculosis in children is of cattle origin, and from 18.2 to 26 per cent of deaths from tuberculosis in children are caused by the cattle germ. The supposition is that children contracted the disease from

drinking milk derived from cattle affected with tuberculosis.

From the viewpoint of human health, Dr. W. A. Evans, of the Health Department of the Chicago Tribune, says: "The relationship between the human and bovine tubercle bacilli leads health departments to the opinion that while programs for the repression of human tuberculosis, which take no note of tuberculosis in other animals, may be successful, the time to strike for repression of human tuberculosis cannot come until the program for control of bovine tuberculosis is well advanced."

From the economic viewpoint it has been shown that losses from this disease in the United States exceed 40 million dollars annually. During the last fiscal year, 70 trainloads of 40 cars apiece of cattle and swine were condemned as unfit for human consumption on account of the fact that they were affected with tuberculosis. The foregoing is the equivalent of 25 million pounds of meat, which would be sufficient for one meat meal ration every day for one year for 160,000 persons. The amount of feed necessary to produce 25 million pounds of meat would be approximately 3 million bushels of corn, and this would therefore be wasted in addition to the loss of the meat.

### Getting the Bloc Right

By passing the Capper-Volstead bill by a vote of 58 to 1 the New York World describes the Senate as having been finally taken over bodily by the farm bloc. "The farm bloc," says the World, "in fact has disappeared. It has swallowed the opposition. Since a bloc is inconceivable without an opposition, it may be said that what used to be a farm bloc within the Senate is now the Senate."

Yet notwithstanding its satirical remarks about Senate and farm bloc the World probably understands that the farm bloc has no ambition to run the Senate. It has a certain agricultural program and puts it thru. But for much or most of the business in Congress the farm bloc disintegrates into its individual elements and so those who constitute the bloc when the measures it champions come along disagree as individuals on many other matters.

What has made the bloc so successful has been the merits of its program. And in fact the World, which is no admirer of the bloc, nevertheless regards the Capper-Volstead bill as good legislation.

"In itself," says the World, "the co-operative marketing bill which authorizes all those who make their living on the land to associate for the purpose of processing, handling, shipping and selling their produce, is an excellent thing and will tend to put the farmer on equal terms with the business interests of the country. The unorganized industries are hit hardest by depression, and every other basic industry has been better organized of late than agriculture. There is no

reason why the farmers should not be permitted to come together to stabilize and control their markets. All other large producers have salvaged something out of the wreck by working hand in hand."

A combination in Congress that can put agriculture on "equal terms with the business interests of the country," which the World describes as "an excellent thing," has evidently been needed. No apologies are called for in behalf of the farm bloc because it adopted such methods as were available to put its program thru, rather than stand aside and see it slaughtered.

### Haying the Movies

From the Broomcorn Review

When an association of moving picture people finds it expedient to pay a man more than this country of ours pays its President for his services it is enough to give us pause and make us think.

The punsters are already saying that if Hays does as much for the movies as they do for him in paying this reputed salary it would be a whole lot. Also the serious minded will be wondering what is the matter that calls for the paying of such a tremendous salary for guidance.

It suggests that either the movie industry is money mad and thinks of money in the terms of shovelfuls rather than in dollars and cents or else it sees disaster of some kind ahead and must take desperate steps to safeguard its future welfare. Or is it press agent stuff or something that the public is not let in on clearly?

There are several interesting questions here and time will perhaps bring the answer. Meantime there is not much wonder that wild stories of high pay lead many of our youngsters into foolish breaks to get into the movies to make easy money.

### They're 100 Per Cent Modern

(Continued from Page 7)

and water systems, bathroom fixtures and plumbing cost about \$3,000 which is included in the cost of the house. One very unique feature of the electric wiring is the arrangement of the light switches. Mr. Bigsby can start from his bed room and go all the way to the barn turning on lights ahead of him and turning them off behind him.

The farm is modernized as well as the house. There are 160 acres devoted to general farming. Wheat is largely responsible for the new home.

There is a tractor which has been in use about two years now. So far it has not cost a cent for repairs, but it is always well cared for. It is housed and when any little thing goes wrong, it is adjusted immediately. There is that same care given to all of the machinery on the place. While there is as yet no implement shed, the machinery is stuffed into every corner of the barn, garage and little catch-all of a shed in the back yard. The binder is down the road about 2 miles at a brother's place, but the significant part of it all is that everything is under cover.

The same care is given the motor car. Bigsby has a fine large car which is always in the garage when not in use. He has had it for more than two years, and the weight of the car never has rested overnight upon the tires. There are four lever action jacks which are slipped under the hubs when the car is brought into the garage. One kick on the lever raises the wheel off the floor slightly. Four kicks raise the entire car, and the result is about 30 per cent more in tire mileage. Quite a saving on a set of tires which cost nearly \$200. Many of us could afford to give four kicks of an evening and save 30 per cent on \$200. It is just another example of Bigsby's care of his equipment.

The farm is on the new concrete road between Topeka and Lawrence. This road is part of the Fort to Fort Highway which extends between Fort Riley and Fort Leavenworth. Taxes are rather high for the extension of such a road, but Bigsby believes that the road is worth it. It places him several miles and at least half an hour closer to town, and he can go into town with a 50 per cent larger load on his wagon and he can make the trip any day of the year. Judge for yourself if this is not a strictly modern family in a modern home by the side of a strictly modern road.



Irrigated Sunrise Kafir on the Garden City Experiment Station Which Produced 50.4 Bushels of Grain and 6.71 Tons of Stover an Acre



## Capper Poultry Club

### Our Enrollment Book Tells Us an Interesting Story

BY RACHEL ANN GARRETT  
Club Manager

FIRST of all, you must know how happy I am when I receive a cheery word of welcome or a letter from an old member wishing me success. These letters convince me that we have a sure and solid foundation on which to build this year of club work.

The one thing in which I am most interested now, and in which I am sure you are equally as interested, is the line-up for 1922. Let's take a look at the enrollment book and see how things are coming. Linn county isn't the first in the book, but it is the first to complete its membership. There are 10 active members, one associate member and nine mothers enrolled in Linn county. It looks as if they mean business this year, doesn't it? And when we notice that every mother but one has sent in her farm flock entry blank, and that several of the girls

bership is complete and others promise to be. No, indeed! This year will be of little interest if we do that now. This is the time for all of us to work, and work hard, for new members in our county or some other county.

As I said in the first of this story, we all realize the importance of a good foundation on which to build. Let's pretend that we're building a building. The old members will form a firm foundation; we can depend on them. Mr. Capper is the cornerstone, the most important stone of all, you know. But what will our building look like if we stop with just a foundation and a cornerstone? We need more material and this material should be new. Girls and mothers in your county who do not belong to the club are the material. There is plenty of it. Will you accept a part of the responsibility for obtaining this new material, so that we may

### There's Always an Open Market for Success

YOU want success. Are you willing to pay the price for it? How much discouragement can you stand? How much bruising can you take? How long can you hang on in the face of obstacles? Have you the grit to try to do what others have failed to do? Have you the nerve to attempt things that the average girl or woman would never dream of tackling? Have you the persistence to keep on trying after repeated failures? Can you go up against skepticism, ridicule, friendly advice to quit, without flinching? Can you keep your mind steadily on the single object you are pursuing, resisting all temptation to divide your attention? Are you strong on the finish as well as quick on the start? Success is sold in the open market. You can buy it—I can buy it—any one can buy it who is willing to pay the price for it.—Eagle "A" Unity.

have entered their chickens, we'll decide that Linn county is in to win.

But the winning won't be easy, for Rooks county isn't asleep. In fact, it's very much awake. There are already nine girls and one mother enrolled. Entry blanks have begun to come in from this county, too.

Linn and Rooks will not be in the race alone; far from it. Cloud county has enrolled six girls and three mothers. Lyon has seven girls lined up. Republic comes to the front with six girls and two mothers and Leavenworth boasts six members. Five girls are enrolled in each of the following counties: Cowley, Morris, Reno, and Wallace, Butler, Coffey, Finney, Ford, Harper and Smith already have three or four members.

Are you tired of our enrollment book? I hope not, for it interests me immensely. I cannot help but thrill to the story of a lively contest which is silently but effectively given to me as I turn the pages. I can feel the friendly fight that will be waged this year.

However, we must not sit back satisfied just because one county's mem-

erect a strong building this year? I'm sure you will.

To make the work of lining up members more interesting, I wish to give a surprise gift to every girl or mother who succeeds in enrolling three members for her county or for some other county. Recommendations must be filed before the applicant will be considered a member. Do you need application blanks? I'll be glad to send them.

#### The Pep Trophy Arrives!

Few, if any, girls in Kansas are happier than are those of Rooks county, for the trophy cup has arrived. Alice Hansen, leader for 1921, writes in a recent letter: "We received the trophy cup in good condition, altho it didn't arrive until Friday, February 11. You can imagine how proud we are, and how beautiful we think it is. Many thanks to Mr. Capper and Mrs. Ellis. I am planning to display the cup in Webster, for a short time, and later put it on display in Stockton. I'm sure it will be greatly admired. We are expecting to do good club work again this year and will try hard to win the 1922 cup."

## Capper Pig and Poultry Clubs

Capper Building, Topeka, Kansas.

Earle H. Whitman, Pig Club Manager.  
Rachel Ann Garrett, Poultry Club Manager.

I hereby make application for selection as one of the representatives of

.....county in the Capper

.....Club.

(Write pig or poultry club)

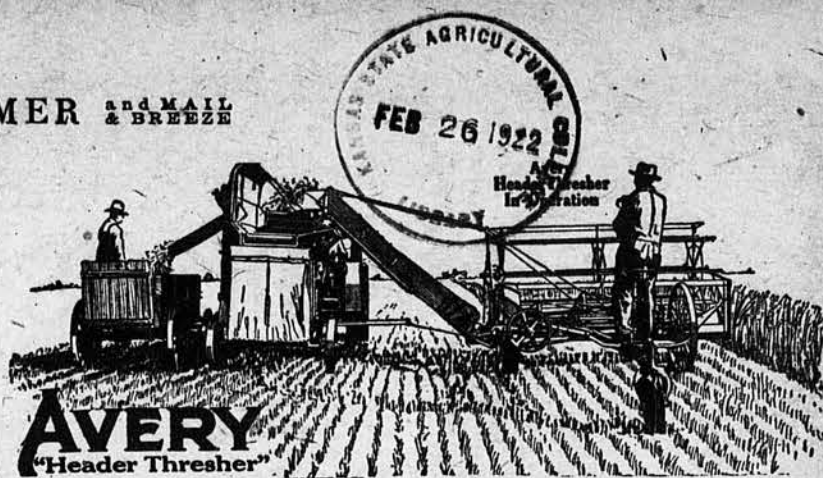
I will try to get the required recommendations, and if chosen as a representative of my county I will carefully follow all instructions concerning the club work and will comply with the contest rules. I promise to read articles concerning club work.

Signed..... Age.....

Approved.....Parent or Guardian

Postoffice.....R. F. D..... Date.....

Age Limit: Boys 12 to 18; Girls, 10 to 18.



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Can be drawn by tractor or horses. Threshes any kind of grain. When equipped with a common stacker, it makes an efficient small stationary thresher. Can also be equipped with attachment for topping and threshing in one operation kafir corn, maize, feterita, etc.

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Dept. 51, Kansas City, Mo.

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Other sizes up to 22 H.P. at proportionally low prices.  
Write at once.

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Ottawa Engines make good because of superior features. Equipped with speed regulator; magneto or batteries; constant fuel feed and fuel mixer.

### EASY TERMS

Your choice of cash or easy payment plan—as you wish. You get the same high grade engine at a saving that will open your eyes!

### SENT DIRECT

You get the Ottawa direct from the factory—no delay, no waiting, and the same high quality that has placed my engines on thousands of farms and in shops everywhere.

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Fewer parts, uses less fuel, and shipped direct for 90 Days Trial. Each engine backed by my liberal 10-year guarantee. Thousands of farmers and shopmen in every section of America prefer the Ottawa because it delivers low cost power.

### LOWER PRICES

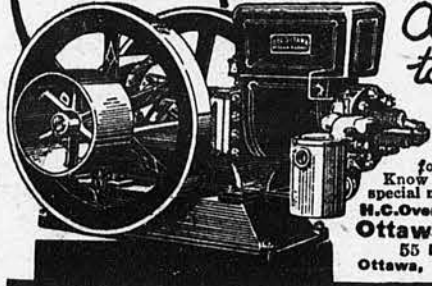
My big factory with increased production, low manufacturing cost and direct selling make the astounding prices I offer.

### SPECIAL OFFER

Everybody interested in saving big money on a high grade engine will want my Special Lowest Price Offer. Write me and I'll send it by return mail.

### 165 STYLES

I offer you more sizes and any style engine you want—2, 3, 4, 5, 7, 10, 12, 16, and 22 H.P. Stationary, Portable and Saw Rig. Each Size pulls 20% to 50% more than rated H.P.—the biggest engine bargain offered for indoor or outdoor use.



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Right Now I am giving greater engine value for the money than ever before in my 20 years experience. My factory is one of the most efficient in the world.

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Ottawa Mfg. Co.  
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Ottawa, Kansas.

Send for my free book, "How to Know Engines," and my special money saving prices. Write me and I'll send it by return mail. Name..... Address.....



# Our Kansas Farm Homes

Mrs. Ida Migliario  
—EDITOR—

## House by the Side of the Road

There are hermit souls that live withdrawn  
In the peace of their self-content;  
There are souls, like stars, that dwell apart,  
In a fellowless firmament;  
There are pioneer souls that blaze their paths  
Where highways never ran;  
But let me live by the side of the road  
And be a friend to man.

Let me live in a house by the side of the road,  
Where the race of men go by,  
The men who are good and the men who are bad,  
As good and as bad as I.  
I would not sit in the corner's seat,  
Or hurl the cynic's ban;  
Let me live in a house by the side of the road,  
And be a friend to man.  
—Sam Walter Foss.

## Why Beth's Baby Cried

Beth's baby was growing rapidly, and her letters to her sister were full of news of his progress. "There's just one thing that troubles me," she said, in her last letter, "and this is why baby takes it into his head to cry long before it is time for him to nurse. I see that he is comfortable, and I know that he is not hungry, yet he acts as if he wanted something and wanted it badly. What do you suppose it can be?"

"Water!" Elinor guessed at once, and that night she wrote Beth the following advice on the need of water for even a tiny baby:

"Have you ever drunk soda-water, ginger ale or milk," she asked, "only in

the end to run to the sink for a cooling drink of fresh water? If so, perhaps you can understand how possible it is for a baby, despite the fact that his food contains a high per cent of water, to become thirsty. By all means give him water. I haven't a doubt but what that is the reason he cries between meals."

Mrs. M. A. B.  
Larimer Co., Colorado.

## An Old Fashioned Favorite

If you are tired of pumpkin pie try using the surplus canned pumpkin in corn bread and bread pudding.

### Pumpkin Corn Bread

1 cup mashed pumpkin	4 teaspoons baking powder
1 cup milk	1 teaspoon salt
1 cup cornmeal	2 tablespoons melted fat
1/4 cup flour	
1 egg	

Mix the ingredients in the order given. Pour into an oiled pan and bake 40 minutes in a hot oven. Cut in squares and serve hot.

### Pumpkin Bread Pudding

1 cup stale bread crumbs	1/2 cup sugar
1 1/2 cups sweet milk	1/2 teaspoon salt
1 cup mashed pumpkin	2 egg yolks
1/2 cup butter	1 tablespoon melted butter

Pour the milk over the bread crumbs. Let stand until the crumbs soften. Add mashed pumpkin, egg yolks and melted butter. Beat well, and pour into a buttered baking dish. Bake in moderate oven until the center is firm.

Remove from oven and spread the top with a tart jelly. Cover with a meringue and return to oven to brown the meringue.

### Meringue

Beat 2 egg whites until stiff. Add 20 tablespoons of sugar and continue beating until the sugar dissolves. Flavor with vanilla.

## Games Small Children Enjoy

Mulberry Bush is a game always enjoyed by little children because they must imitate the actions suggested in the song. There are few persons who do not know the tune of this old English song which the children join hands and sing:

Here we go round the mulberry bush,  
The mulberry bush, the mulberry bush,  
Here we go round the mulberry bush,  
On a fine and frosty morning.

The other verses change: This is the way we wash our clothes—comb our hair—iron our clothes—wash our face—go to school—learn to read—learn to sew—on a fine and frosty morning.

Of course there should be some outdoor games, and besides Drop the Handkerchief which every one knows, try Daisy in the Dell. For this the children form a circle, joining hands, and one is chosen to be the daisy picker. The daisy picker runs around the outside of the circle chanting: "Daisy in the dell, daisy in the dell.

I don't pick you, I don't pick you, I do pick you."

The child whom the daisy picker touches upon reaching the last word must try to run entirely around the circle and back to his place before the daisy picker catches him. If he succeeds, he need not be "it," but if he is caught, he must be the daisy picker.

Are You a Daisy is another jolly game. The players stand in a line facing one child who is chosen to be "it." This child asks each one in turn the question, "Are you a daisy?" Each child answers by naming the flower

THE house as a home should be more than a refuge and a workshop and a playhouse and a comfortable place to eat and sleep and rest. It should meet the further requirements for privacy, for hospitality, for sociality and for beauty in the home.

he chooses to be. Thus, one may say, "I am a rose," another, "I am a pansy." If any child chooses to say, "I am a daisy," he is immediately chased by the questioner and if caught, he must take the place of the questioner. The game then proceeds as before. One rule is that a child must not repeat the name of a flower that another child has given.

# Farm Home Week News

By Mrs. Ida Migliario

KANSAS farm women partook of a real treat during Farm and Home week, February 6 to 11. The hospitality extended by the board of instruction of the Kansas State Agricultural college and the citizens of Manhattan made every one feel at home.

After registering in Anderson Hall, one was given a program with complete information concerning the meetings. A short course in home economics was offered in the home economics building. The program opened on Tuesday morning with a clothing exhibit. Garments which had been made by the college students taking sewing were displayed. Many new and helpful suggestions for choosing, cutting and trimming garments of all kinds were obtained.

Students under the direction of Mary Schell, instructor in clothing and textiles, gave a practicable demonstration. Miss Schell had chosen girls who represented two distinct types of blondes and two distinct types of brunettes. By draping different colored materials on these girls one could readily see why it is not possible for every one to wear every color. Certain shades are necessary to bring out one's natural coloring.

Visitors and delegates appreciated the opportunity of meeting and listening to Nina Crigler who came into the state last September as state home demonstration leader. Miss Crigler brought to her listeners a new understanding of the possibilities in home demonstration work.

### Dr. Louise Stanley Talks

Science and its application to plain, every day cookery was discussed by Dr. Louise Stanley, professor of home economics, University of Missouri. Dr. Stanley based her talk on the subject of vitamins, the growth-producing elements found in many foods. At the general meeting on Tuesday night, Dr. Stanley talked about "some of the legislative measures affecting the home."

Wednesday morning Katherine Hudson, instructor in food economics and nutrition, helped the women solve their canning problems. Miss Hudson also gave many useful suggestions concerning the planning of meals. Mrs. Charles W. Sewell, a farm woman from Otterbein, Ind., told of the ways in which

the Farm Bureau can aid in homemaking. On Wednesday evening, Mrs. Sewell talked at the general meeting. Her subject was "Why I Am Glad I Married a Farmer." She enumerated the opportunities the farmer's wife has for developing interests that are not confined alone to housekeeping.

### Homemaking in All Its Phases

Other short course subjects that had special appeal were "An Account Book for Kansas Homes," given by Hildgarde Kneeland, professor of household economics; "Standards in Judging Bread," by Mildred Tackaberry, instructor in food economics and nutrition; and "Opportunities for Women with Home Economics Training," by Dr. Helen B. Thompson, dean of the division of home economics.

Thursday's program consisted of the following discussions: "A Survey of Clothing Purchasing Habits in Kansas," given by Louise Glanton, professor of clothing and textiles; "Institutional Management as a Vocation," by Effie M. Carp, professor of household economics; "Posture as a Factor in Producing Abnormal Conditions in Nutrition," by Dr. L. Jean Bogert, professor of food economics and nutrition; "The Home Care of the Sick," by Mary O. Spafford, instructor in household economics; "What a Health Center

Can Do for Your Baby," by Amy Jane Leazenby, assistant professor of household economics; and "Teaching Health to a Child," by Pearl E. Ruby, assistant professor of household economics.

Another clothing exhibit and a demonstration, "showing the factors which determine the selection of garments for various members of the family," were given Friday by Mary Polson, instructor in clothing and textiles.

Mrs. Mary Pierce Van Zile, dean of women, discussed "The Relation of Extra Curriculum Activities to College Life." Armintha Holman, professor of applied arts explained "The Principles Governing the Selection and Hanging of Pictures."

### House Furnishings are Studied

One of the furniture stores had furnished completely a living room, dining room and bed room in plain lined, inexpensive furniture. Louise Eberhardy, instructor in applied art invited those taking the short course to go with her to these rooms. Problems that arise when purchasing furniture with limited funds were discussed.

Another interesting attraction was the tea given by the girls who are living in the college practice house. The visitors were shown thru the house by the girls who demonstrated the labor saving devices with which

the house is furnished. These girls are taught how to keep house by actually doing the work. They not only prepare and serve meals, clean the house and do the washing and ironing, but they manage the house keeping expenditures. They are also taught how to receive and entertain guests.

### Boys and Girls Take Part

Thursday evening a banquet to which all Farm and Home week visitors were invited was given in the college gymnasium.

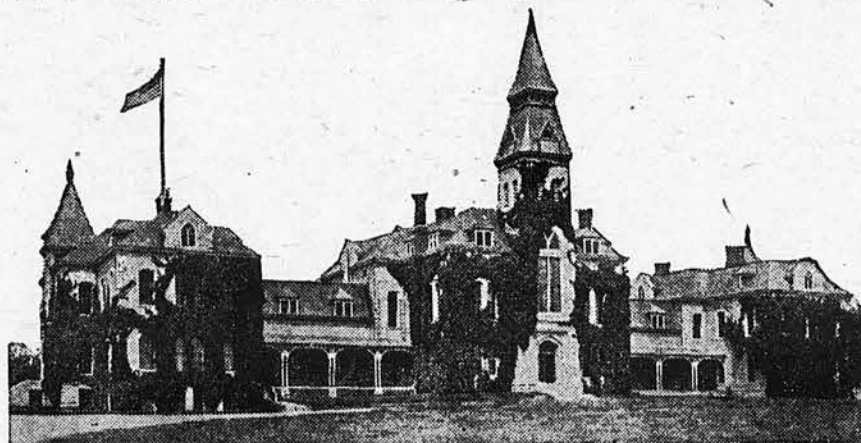
Scores of boys and girls representing pig, calf, poultry, canning, sewing and "own your own room" clubs enjoyed the week's program. Three clubs gave interesting demonstrations showing what they have learned in the line of work in which they are interested.

Meade county was represented for the first time. Six girls came with Ethel McDonald, county home demonstration agent. Credit is due Miss McDonald for the unique way in which she obtained funds to defray the girls' expenses. Miss McDonald wrote to 500 parents telling them about the advantages to be gained from Farm and Home week. She asked them what they thought about donating 1 dozen eggs toward paying the expenses of some of the club girls. As a result of this letter and with the aid of two box suppers, \$50.04 was obtained.

The club girls in the town of Plains wanted to attend the meeting, too, so they decided to raise money to pay their expenses. They sold coffee and sandwiches after a basketball game, gave a pie supper, and held a food sale. These netted them \$56.25.

Now the girls are planning to visit all of the clubs in Meade county and tell about the things they saw and learned during Farm and Home week.

The seventh district of the western section of the Kansas Farm Bureau will be under the direction of the only woman elected to an office during Farm and Home week. Mrs. Zada Hulbert of Meade county was chosen. Mrs. Hulbert is a farm woman and mother of two daughters. She is well known in Meade county, having held a county office for several years. Mrs. Hulbert will make an excellent director because she knows the section of the state in which she lives.



Anderson Hall of the Kansas State Agricultural College, Where Farm Home Week Visitors Registered and Were Given Information Concerning Meetings



## Women's Service Corner

Send all questions to the Women's Service Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan. Give name and address. No names will be printed.

### Kansas Mother's Manual

I would like to know where I can obtain a manual of motherhood?—Mrs. K. C. R.

The division of child hygiene of the state board of health has a new manual of motherhood. Any interested Kansas mother can obtain this book by asking for it. The name of the book is Kansas Mother's Manual. Address, Division of Child Hygiene, State Board of Health, Topeka, Kan.

### Cream Raisin Pie

Can you give me a recipe for cream raisin pie?—Mrs. C. S.

I believe you will like this recipe:

1 cup raisins 2 egg yolks  
1 cup cream 1 teaspoon flour  
1 cup sugar 2 egg whites

Stew the raisins until done. Drain, add the cream, sugar and flour mixed together. Cook 5 minutes, add egg yolks and cook until the mixture thickens. Put into a baked pastry shell and cover the top with meringue made from egg whites.

### Traveling Problem

I am planning on taking a long trip soon. I find that I will have to stop at a hotel one night en route. Will you tell me how a woman traveling alone should enter a hotel? Should I engage a room in advance?—Mrs. G. H.

Enter the hotel at the woman's entrance. Go directly to the office and register. The clerk will send a hall boy with your bags to the room to which you have been assigned. It is advisable to write to the proprietor and engage a room in advance.

### Send Self Addressed Envelope

If Mrs. E. S., of Wakefield, Kan., will send me a stamped, self-addressed envelope, I shall be glad to send her the recipes for banana shortcake and suet pudding. I will also send the directions for making toilet soap, as requested.

## Farm Home News

BY MRS. DORA L. THOMPSON

At this time, the beginning of the second week in February, our school attendance has been cut in half and most homes are small, private hospitals. Whether we are experiencing a return of the influenza or having an epidemic of colds, I don't know. We only know that we are very busy caring for sick children.

Where there are several ill in the same house the busy mother finds that while her anxiety is less when they are recovering, her troubles are greater. Only half able to amuse themselves, they find time dragging and long for something—they know not what. They can't read but enjoy being read to—especially short stories with which they are somewhat familiar.

Jingle contests vary the monotony. We try to see which child will be the first to fail when his turn comes to give a Mother Goose Rhyme or some stanza learned at school. Spelling matches and sum contests are less in favor. Most children like to hear of the customs of children in other countries. If one had "Little People of Other Lands," or Carpenter's Geographical readers she could help half-sick children to pass tedious hours in a pleasing and profitable way.

In the church in which our county Sunday School convention was held, there was a room furnished for small children in a way that proved suggestive for others in the same line of work. The sand table was such as would delight the heart of any child. On occasions, we are told a mirror underneath the sand serves as a river and quantities of clothes pins are Pharaoh's army or the Israelites as the case may be. On the card boards on the wall were pictures the children and teacher had collected from various sources showing the people of other countries where missionary work is most needed. The collection of each child's favorite animal pictures made another interesting exhibit.

There are many who have come to the conclusion that February is generally a better month in which to start

young chicks on their start toward broilers than is March. Acting on this theory some are caring for young January hatched chickens and others are filling their incubators.

It is probable that most farm women pay too little attention to the ventilation of the cellar or room in which they set their incubators. We were talking with an experienced poultry man concerning the different types of incubators. He had several that he had used successfully for years. When he tried them in his new location, from 2000 eggs he hatched 2 weak chickens. The cellar was without any dependable system of ventilation.

Cheapness of beef animals has led to an unusual number of them being killed for meat. Many women who never supposed they would care to can beef wish they had tried some canning when the subject was newer and more frequently discussed in farm journals.

"What's the easiest way in which I can get a lot of beef into cans?" writes one. Perhaps the quickest way is to boil cans, lids and rubbers; place some water—about an inch—in the bottom of the can; pack in pieces of raw beef; add 1 teaspoon of salt; partially seal and boil for 3½ hours; then seal.

"We have placed the lean meat from a very large male hog in brine and would like to try canning it to see if canning would prevent it from becoming dry and tough." Such meat should have the salt soaked out in fresh water until only enough remains to flavor it. It may then be canned as the beef described above, adding ½ hour to the time used in processing. It may be baked or boiled and then canned, following the same methods, and processing for 3 hours in boiling water.

### Embroidery Graces New Frocks

1153—Women's and Misses' Combination. This dainty combination is joined to a fitted band which eliminates a drawstring or ribbon at the top. Sizes 16 years and 36, 40 and 44 inches bust measure.

1280—Girls' Dress. If one is planning on a new frock for the school girl, a better design could not be selected than this one-piece style which



slips on over the head. Sizes 6, 8, 10, 12 and 14 years.

1260—Women's and Misses' Dress. A pleasing version of the popular coat frock is given in this one-piece style. Sizes 16 years and 36, 38, 40, 42, 44 and 46 inches bust measure.

1171—Women's and Misses' Dress. This one-piece jumper dress is made with a deep V-neckline and sleeveless. Sizes 16 years and 36, 38, 40, 42 and 44 inches bust measure.

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

*To win a race a Jockey doesn't put extra weight on the horse that helps him succeed*

No man or woman who wants to succeed in the race of life can afford the handicap of headaches, insomnia, indigestion and debility. Nor can they afford to take anything that may keep up a continual irritation of the nervous system.

Yet this is what many people do who drink excessive amounts of tea or coffee. For tea and coffee contain caffeine, a substance that is sometimes very injurious. Many doctors say that caffeine raises the blood pressure, irritates the kidneys and over-stimulates the entire nervous system. Also that it is especially bad for growing children, or for any one who has any tendency to nervousness or insomnia.

If you want to avoid a possible cause of headache, insomnia, or nervousness, it might be well to stop taking tea and coffee for awhile, and drink rich, satisfying Postum, instead.

Postum is a delicately-roasted, pure cereal beverage—delicious and wholesome.

Order Postum from your grocer today. Drink this fragrant, healthful beverage for awhile, and see if you will not feel brighter, more active, and more resistant to fatigue—as so many thousands of others have felt.

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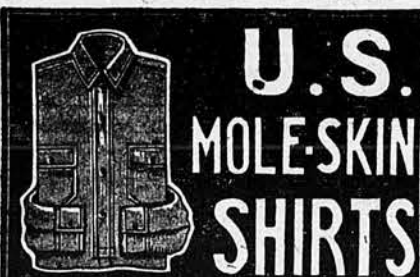
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## For Our Young Readers

Don't Worry Lest the Day Be Dreary;  
You Know the Skies Will Some Time Clear!

(Written by Irene Judy)

**D**EAR DIARY: I feel rich! I've just joined the Thrift Club. It's the easiest way for girls to make a little pin money. All that I do is get subscriptions and renewals for some farm magazines. Every spare

Guess I'll go down and play some jazz. I should like to bang and crash, but suppose it will be safer to let the Victrola do it for me.

Sunday evening: Today wasn't lonely at all. Jane called early this morning and asked me to go home with her for dinner after Sunday School and church. I wanted to, but girls who earn their board and keep can't always do as they wish; I didn't want to leave all the work for Mrs. Grey. She heard me talking and, taking the receiver from my hand, said, "Sure, Betty's coming, so put an extra 'tater' in the kettle for her."

Jane and I had the chummiest time! We looked at her kodak pictures and little keep-sakes, played the piano, sang, popped corn and took a long walk this afternoon after the sun peeked out from behind the clouds.

Don't worry lest the day be dreary; You know the skies will some time clear!

Wednesday evening: "Oh, Miss Eleanor, I've a thousand and one things to do," I said, rushing in from school this afternoon. "Where shall I begin?"

"Remember the lesson of the old clock," she laughed. "If he could speak I suspect he would say, 'Little girl, did you ever count the number of times that I tick in a day? Think how fussed I should be every morning if I thought of the many ticks that I must give before another day rolled around. I fear I should put my hands before my face and stop with fright. Try to do only one thing at a time, my dear, but make every second count.'"

So I took his advice and altho it is only 10 o'clock, now all my tasks are done and every lesson studied.

I try to do Mrs. Grey's work well and keep everything shining, so that

### Why Can't It Be?

(Here's a funny rhyme. If you know any that are funnier, why not send them to the Young Folks' Editor? There'll be gifts for every rhyme printed.)

Where can a man buy a cap for his knee?

Or a key to the lock of his hair?

Can his eyes be called an academy Because there are pupils there?

In the crown of his head what gems are found?

Who crosses the bridge of his nose?

Can he use when shingling the roof of his house

The nails on the end of his toes?

Can the crook of his elbow be sent to jail?

If so, what can he do?

How does he sharpen his shoulder blades—

Oh, no, I do not know—do you?

Can he sit in the shade of the palm of his hand?

Or beat on the drum of his ear?

Does the calf of his leg eat the corn on his toes?

If so, why not grow corn on the ear?

minute that I have I call someone by telephone, and I have already made \$10. That will help a lot, as there are so many things a girl in school must have.

Saturday evening: Rain, rain, rain—it's simply poured bucketfuls. I never saw the clouds do so much weeping. I feel like helping them, but guess there is enough water without my tears.

This is the first time I have missed going home on Saturday. The Allens, our big-hearted neighbors, take me in their car. It is one of that little get-you-there kind of which folks make so much fun, but it always looks good to me. But even get-you-there cars can't swim the creek when it is out of its banks.

### To My Valentine

Such a lot of valentines are being sent the Puzzle Editor that she can't announce the winner of the valentine contest until next week. It isn't going to be easy to pick the winner because every valentine received so far seems to deserve the prize.

she will know how much I appreciate her. Mother has always said to me, "Betty, there are two rules which, if you keep, will make you a good housewife and help you in anything that you undertake in life. They are: Anything that is worth doing is worth doing well; have a place for everything and keep everything in its place."

—Betty Blue.

### The Boy We Like

The boy who never makes fun of old age.—Boy's Life.

### To Keep You Guessing

Read these riddles aloud to the family, withholding the answers, and see how many can guess them. We'd like to have some of your own favorite riddles, too.)

What is the difference between a hill and a pill? Answer, one is hard to get up, the other is hard to get down.

What burns all day long, is hot and can never be put out? Answer, the sun.

Why is a colt like an egg? Answer, because both have to be broken to use.

When is a baggage wagon like a

### The Further Adventures of the Teenie-Weenies



forest? Answer, when it is full of trunks.

I went across the river on Friday, stayed a week and came back on the same Friday. How did I do it?

Answer, my horse's name was Friday. Which newspapers are like delicate children? Answer, all those that are weekly (weakly).

What has its heart in its head? Answer, cabbage.

What is it that always has its head down? Answer, a tack in a shoe.

### Evergreen Trees for Kansas

BY C. A. SCOTT

The first requisite of a tree to qualify for a place in ornamental or protection planting in Kansas is hardiness. After satisfactory hardiness has been proved we can then begin to make a selection of species because of their merits along such lines as ratio of growth, grace and beauty of form, symmetry of outline, dignity of character and harmony of color and shade.

Hardiness of a tree is the inherent ability to grow and develop into perfect stature in the region under consideration. Frequently hardiness is referred to only in respect to the ability of a tree to withstand the minimum temperature of our winter weather. If we were discussing tropical trees this might be the only factor we would need to consider. The frost line determines their northern limit of range. But when trees are brought into Kansas from the Southern states we must also consider their ability to grow successfully in our dry atmosphere and dry soil during certain seasons.

### Factors to Consider

Our dry atmosphere is, perhaps, the greatest factor in determining the hardiness of species suited to our conditions. Were it only a matter of enduring our minimum winter temperature it would be a safe conclusion to say that all trees found growing in Northern states are hardy in Kansas. This is far from being the case. The fact is, very few of the Northern species are hardy here. The White pine, Red pine, the spruces, the birches and the sugar maple are the outstanding trees of the Northern states. Of this list very few will grow in the state and they are only half hardy.

To sum up what is meant by hardiness of a species, we may say it is the inherent ability of a species to survive the heat of summer, the cold of winter, the excess of moisture or the drouth of the region under consideration. Under drouth we include the atmosphere as well as soil conditions. Hardiness is a species characteristic. A White elm grown in Alabama or Mississippi is equally as hardy as a White elm grown in Montana or North Dakota. The elm trees of these two regions are very dissimilar in form, but this dissimilarity is due to the effects of climatic conditions of the two regions.

The Red cedar of our own state is very unlike the Red cedar of the Ohio Valley or of the New England states, yet they are identical species.

### Characteristics Important

There are few distinguishing characteristics of a species that will help the layman determine their hardiness, and this quality can only be determined by a "try out." This trying out process has been going on in Kansas for the past 70 years and if we will look around and take note of the trees that we see growing successfully we will soon have a complete list of hardy trees and shrubs of the state, or of any particular community. This list will have to be added to from time to time as new species are brought in and their hardiness proved.

The Bureau of Plant Introduction is bringing species in from foreign countries and distributing them in regions where they are most likely to succeed and to contribute to the development of the country. A recent introduction is the *Ulmus Pumila*, a Chinese elm, that, so far as can be judged at present, is entirely hardy in the Great Plains Region lying between the Missouri River and the Rocky Mountains. This is a tree of unusually rapid growth in regions of scant rainfall. It is pleasing in appearance, is long lived and in all respects a very promising tree for this state.

In my next article I will give a list of some of the trees that have proved their worth as evergreen trees in Kansas.



## Health in the Family

BY DR. C. M. LERRIGO

### All Cases of Appendicitis Should be Treated by a Skilled Physician

A subscriber writes to me that she fears she has appendicitis, but says she is taking a certain medicine that has been recommended as a sure cure and what do I think about it? I think that she is in about the same position as the old Irish watchman who sat on a powder keg smoking his pipe. The medicine answers the purpose of the pipe in that it soothes her nerves, but while she is dallying with it an explosion is likely to come at any moment.

Let me tell you something that comes to me by personal observation. I see every death certificate issued in the state of Kansas. There are a great many deaths from appendicitis. Two-thirds of these certificates show that the patient was treated without surgical operation. For the other third, operations were performed, but not until pus had gathered or the appendix had become gangrenous. Deaths from appendicitis when early operation was performed are so few as to be negligible. These are facts, and facts are stubborn things. I am not saying that no case of appendicitis ever gets well without surgical operation. Very many persons go thru one acute attack, recover, and are never troubled again. But let it come back even once, and you can never feel safe until that appendix is removed. So I say that the safe treatment for appendicitis is early operation, and since I am not a surgeon and try, by preference, to get patients well without surgical interference, you may take my word that this is correct.

### Antitoxin for Diphtheria

Diphtheria is very close to us. On the next place two children have died. The doctor does not believe in any vaccine or antitoxin and says it kills more than it saves. It is an awful responsibility for us to go against the doctor. Please tell us what to do.

M. E. F.

Unfortunately you have one of the few doctors who are blind to progress. Children still die of diphtheria but where 10 used to die in the old days only four die since antitoxin has been discovered, and this has now been the record year after year for nearly a quarter of a century. Don't trust this man. Get a doctor from the next township if need be, but get one who is abreast of the world's progress.

### A Case for Local Doctor

I have had some pain in my abdomen ever since last August. It is in my right side. How can I tell whether I have appendicitis?

Mrs. J. A. D.

I cannot attempt to tell you. There are many abdominal pains, even in the right side, that have nothing whatever to do with the appendix. I advise you to see the nearest competent doctor.

### Bone Tuberculosis

I have had a bone trouble that my doctor says may be tuberculosis. Does the treatment by rest and open air do good in such cases just the same as if the trouble was lung trouble?

A. R.

Exactly the same treatment will be helpful. Tuberculosis of the bone may often be cured, if taken in the early stages, without other treatment than rest, fresh air, and plenty of nourishing food. Sometimes the bony part can only be placed at rest by the application of a plaster cast or a brace, but the principle is just the same and the results are very encouraging.

### Farm Societies Elect Officers

Officers and directors of Kansas agricultural associations meeting at the Kansas State Agricultural College during Farm and Home Week have been announced by the various organizations.

The Kansas Crop Improvement Association elected two new directors—Bruce Wilson, of Keats, and Joseph Kilbuck, of Ottawa. The executive officers of 1921 were re-elected. They are Fred G. Laptad, Lawrence, president; C. C. Cunningham, El Dorado, vice president; S. C. Salmon, Manhattan, secretary-treasurer; John J. Bayles, Manhattan, and L. E. Willoughby, Hays, assistant secretaries; Olive Tenney, Manhattan, clerk.

The Kansas State Dairy Association

tion re-elected P. W. Enns, Newton, president, and W. T. Crandall, Manhattan, secretary-treasurer. J. J. Corkill, Topeka, was elected vice-president.

The Kansas Shorthorn Breeders' Association elected three new directors—S. M. Amcoats, Clay Center; John Regier, Whitewater, and Clarence White, Burlington. John Thomson, Dover, and A. M. Paterson, Manhattan, were re-elected president and secretary, respectively.

The Kansas Sheep and Wool Growers' Co-operative Association, Inc., elected the following new members to its board of directors: H. E. Gillette, Ottawa; D. W. Spiker, Emporia, and J. A. Sheets, Hope. The association re-elected its 1921 officers, as follows: H. J. Winslow, Dalton, president; W. E. Hockett, Beloit, vice president; Charles R. Weeks, Manhattan, secretary-treasurer, and C. G. Elling, Manhattan, acting manager.

### One Woman Chosen

The only women elected to an office in any farmers' association during the week was Mrs. Zada Hubert, of Lakeland, Meade county, named director of the western section of the Seventh district of the Kansas State Farm Bureau. Other directors named by the Kansas State Farm Bureau are William Leak, Tonganoxie, First district; Howard Hill, Lafontaine, Third district; Andrew Shearer, Fifth district; R. Z. Shipp, Coldwater, eastern section Seventh district; H. J. Winslow, Dalton, Eighth district. The officers of the Kansas State Farm Bureau were re-elected. They are Ralph Snider, Oskaloosa, president; J. M. Ryan, vice president; Charles R. Weeks, Manhattan, general secretary; P. W. Enns, Newton, treasurer.

### Beekeepers Also Organize

The Kansas Honey Producers' League elected the following officers: A. V. Small, Augusta, president; Frank Van Haltern, Wathena, vice president; J. H. Merrill, Manhattan, secretary-treasurer. C. D. Mize, Mount Hope, was elected director for two years. J. A. Niniger, Hutchinson, was elected director for one year.

The Kansas Improved Livestock Association did not elect officers at its annual meeting here during Farm and Home Week. The election will take place by correspondence in the near future.

### Twenty-two Pupils to a Teacher

BY RAY YARNELL

The average number of pupils taught by one teacher in a large group of consolidated schools in Kansas is 22, which is considerably more than the average number taught by a teacher in the one room country school. In a recent article in the Kansas Farmer and Mail and Breeze the statement was made that there were 310 teachers and 2,170 rural pupils in this group of consolidated schools. The number of town and city pupils was not included. This led a subscriber, R. C. Young, to comment in a letter to the effect that these figures indicated only seven pupils to the teacher. The fact is that in these consolidated schools there are enrolled 6,789 pupils, both rural and city, which makes an average of 22 pupils to the teacher. That number certainly is not too small if the teacher is to do really efficient work in training the children.

### A Kansas Cow's Fine Record

BY T. W. MORSE

The cow Maida Zurah Cornucopia No. 204,159 owned by L. F. Cory & Son, Belleville, Kan., finished her year's record November 16, 1921, with milk 24,145.4 pounds, butter 886.7 pounds.

Her seven day A. R. O. record made 113 days after freshening, is as follows: Milk 558.9 pounds, butter 21.64 pounds. These records were made under ordinary dairy care. This cow freshened again on January 24, 1922, dropping a fine heifer calf, sired by King Marco Mead Alcartra No. 286, 137, grandson of the famous dairy cow, Tilly Alcartra.

### 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.—Advertisement.



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**G**RADUALLY increasing prices for grains and livestock seem to indicate that there will be a better chance for profits in farming in 1922 than farmers had in 1920 or in 1921. Last week there was a spectacular advance in wheat and the market at one time was up 7 to 9 cents. There has been a decided upward tendency in wheat for the last three weeks and there has been an advance of 22 to 28 cents since the present upturn got under full sway. In fact there has been an advance from the low points of the season of 25 to 40 cents a bushel. Choice dark hard wheat sold as high as \$1.47 last week in Kansas City and the best Red wheat brought \$1.35 a bushel. At local points throughout Kansas wheat in wagonload lots has been selling at \$1.15, \$1.20 and \$1.25 and a few choice lots have brought as high as \$1.35.

#### Wheat Prices Compared

Some farmers are still holding their wheat in order to obtain better prices that they believe will prevail later in the season. Of course it is not always an easy matter to determine whether this is a wise policy. In this connection it is interesting to note the average farm price for wheat month by month extending over a period of 10 years as given in Bulletin 982 of the United States Department of Agriculture. According to this publication in "the 10-year average from 1910-11 to 1920-21 the average monthly prices were as follows: July, \$1.43; August, \$1.41; September, \$1.41; October, \$1.40; November, \$1.38; December, \$1.38; January, \$1.36; February, \$1.39; March, \$1.39; April, \$1.46; May, \$1.52.

Corn prices also have been advancing both at Kansas City and at country points. Increasing prices for livestock are causing an extension of feeding operations and an increasing demand for corn on the part of feeders. September corn scored a high point recently in Kansas City at 62½ cents and in Chicago at 67½ cents. Futures are 12 to 14 cents above the low point of the season and 18 cents higher for carlots. On cash sales for immediate delivery corn at Kansas City has been bringing from 51½ to 54 cents.

#### Farmers' Buying Power Improves

Kafir and milo are also on the upward trend and so with many other farm products. This means that more money is coming into the hands of farmers and he is being placed in a better position to resume his normal buying power. The effect is also being manifested in other ways. "The improvement in agricultural conditions," says Eugene Meyer, Managing Director of the War Finance Corporation, "is beginning to manifest itself in an orderly liquidation which is reflected in recent repayments to the War Finance Corporation in connection with its export loans, as well as its loans for agricultural and livestock purposes. From January 1 to February 15, inclusive, a total of \$15,233,000 has been repaid to the War Finance Corporation. Of this sum, \$3,920,000 represents repayments on account of loans made under the war powers of the Corporation. Of the latter amount, \$163,000 was repaid on cattle loans and \$3,757,000 on railroad and public utility loans.

"Repayments of export advances total \$7,641,000, of which \$520,000 was repaid by exporters, \$735,000 by co-operative associations, and \$2,694,000 by banking institutions, while \$3,693,000 reflects the liquidation of export loans financed thru Edge law bank acceptances.

"Repayments on account of agricultural and livestock loans aggregate \$3,671,000. Of this amount, \$2,877,000 was repaid by banking institutions, \$347,000 by livestock loan companies, and \$447,000 by co-operative associations.

"All repayments have been voluntary—and a considerable part of the total represents repayments before due dates."

#### State Crop Conditions

No particular change happened in the Kansas crop situation last week. The weather still continued dry and the actual condition of the winter wheat is a matter of considerable speculation. J. C. Mohler, secretary of the Kansas State Board of Agriculture in the weekly report of crop and weather conditions says:

"There was no precipitation in any part of the state during last week. The condition of the soil is not of the best and strong winds continued to dry out

## All Farm Prices are Higher

### Agricultural Conditions Show Steady Improvement

BY JOHN W. WILKINSON

the ground to a considerable extent. Soil conditions are better in the eastern third of Kansas than elsewhere but practically all reports even from this section, indicate the ground as very dry and in some cases too dry for plowing.

"Temperatures were moderate and frost is coming out of the ground. The warm days have caused some swelling of fruit buds. In Anderson county the seeding of Sweet clover and alfalfa began last week, and oats are being sown in Southeastern Kansas counties. Pastures in this part of the state are being leased for the summer of 1922. Cattle and hog prices are causing added interest in the livestock business.

"Tenant farmers are taking advantage of the good weather and roads and are moving early. Prices at farm sales with the exception of those for horses are much better than a month ago."

#### Special County Reports

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

**Allen**—Wheat is excellent as we have been having excellent weather, but it is a little colder now. A considerable amount of plowing has been done. Farmers are getting ready to sow oats. Hay is plentiful and cheap. Hogs are scarce. Cattle bring good prices and the price of horses is more encouraging. Corn is worth 42c, and eggs are 28c; oats, 45c.—T. E. Whitlow, February 20.

**Barton**—We have had warm weather during the past week and the wheat is growing a little. We are still having dry weather. Farmers are cutting wood, butchering and hauling manure. Cattle are very scarce. Calves are worth \$20; hogs, \$7.25 to \$7.50; eggs, 27c.—Elmer J. Bird, February 18.

**Barber**—Dry weather still continues and indications are that the wheat may be a failure. Wheat which was sown early is in fairly good condition but even that will not last long. Rough feed is plentiful and all kinds of livestock are in excellent condition. The last week has been just like spring with the thermometer ranging around 50 degrees. Some wheat is going to market at \$1 but no livestock is being marketed. Hens are worth 18c; eggs, 25c and butter is 30c; alfalfa, \$10 a ton locally.—Homer Hastings, February 18.

**Chautauqua**—We are having excellent weather but it is very dry. Feed is plentiful and all kinds of livestock are in excellent condition. Wheat is very discouraging. Farmers are preparing to sow oats. Cattle are cheap but hogs are bringing good prices. Fat hogs are worth \$3.25; eggs, 25c; shorts, \$1.50 and bran is \$1.25; butterfat, 25c; flour, \$4.—A. A. Nance, February 18.

**Cherokee**—We are having excellent warm weather but it is too dry for the wheat. Roads are as dusty as in the summer. Many public sales have been held so far this month. All kinds of livestock are in excellent condition. Hogs and beef cattle are very cheap but cows are in poor demand. Mules average around \$100 a head but horses are lower.—L. Smyres, February 18.

**Clay**—On February 1 we received ¼ inch of moisture which will help the wheat some. Never before has so much wood been cut and so much ice put up. Some silos have been filled with 12-inch ice. Cattle feeders have had a good winter to feed cattle and are making some profit. Feed is plentiful and all kinds of livestock are in excellent condition. A new disease has killed some horses. Wheat is selling for \$1.12; corn, 43c; bran, \$1.15; flour, \$1.85; alfalfa hay, \$10; hay, \$10; cream, 27c; poultry, 18c and oats are 35c; shorts \$1.30; potatoes, \$2; hogs, \$3.50; eggs, 25c.—P. R. Forslund, February 18.

**Elk**—Dry weather still continues and the weather is changeable. Many farmers are plowing for oats, but good seed oats are scarce. Prices of all farm products are better than they were. Farm help is being paid \$1.50 a day at present. We have had a few sales during the last week. Hogs are scarce and are in demand. Cream is worth 25c; corn from 45c to 50c; kafir, 40c to 50c and oats are from 35c to 40c; eggs, 28c.—Charles Grant, February 18.

**Doniphan**—We are still having dry weather. We have had very little moisture all winter and the wheat is in great need

of it, however, it looks very well considering the dry weather. Farmers are completing their winter work as this has been an excellent winter to do farm work. A large number of hogs are being marketed as the price is higher than it has been for some time. Hogs are worth \$9.65; eggs, 28c; potatoes, \$1.25 and wheat is \$1.10; corn, 41c; cream, 25c; butter, 20c.—B. B. Ellis, February 18.

**Ellsworth**—The weather is still dry and wheat prospects are not good. However, feed is plentiful and all kinds of livestock are in excellent condition. Stock water is scarce in places. Drilling for oil is in progress in the northeast part of the county and reports are that other drills will begin soon. Wheat is worth \$1.20; butter, 30c and eggs are 28c.—W. L. Reed, February 20.

**Ford**—No moisture of any kind has fallen for some time. We have been having windy, changeable weather. The prospect for a wheat crop is the poorest for some time. All kinds of livestock are in fair condition. Wheat is worth \$1.25; corn, 45c; butter, 35c to 40c; cream, 25c and oats shipped in 65c; potatoes, \$1.80; eggs, 27c.—John Zurbuchen, February 20.

**Franklin**—Dry weather still continues and stock water is getting scarce in some localities. No one seems to know just what condition wheat is in but all feel that with favorable weather in the future it will make a good crop. Some farmers are talking of sowing oats. Feed is abundant, and hay is almost unsalable. Hogs are considered quite profitable.—E. D. Gillette, February 20.

**Gove and Sheridan**—Dry, windy weather still continues, but the soil has not been so dry as last week for spring grains. A few public sales are being held. A large amount of wheat is being marketed. All kinds of livestock are in excellent condition. Eggs are worth from 27c to 30c; hogs from \$6.50 to \$7 and butter is 35c; cream, 28c; wheat, \$1.22.—John I. Aldrich, February 20.

**Harvey**—The weather is mild and warmer but a good shower is needed very much. Last week there was a very high wind and much dust was in the air. A few public sales are being advertised. Wheat is worth \$1.08; butter from 25c to 30c and eggs are 26c.—H. W. Prouty, February 18.

**Haskell**—We have received no moisture the last two weeks. The prospects for wheat remain about the same. The mercury went up as high as 80 degrees last week. The early wheat and the late wheat, that were sprouted is growing some. Farmers are doing odd jobs.—H. E. Tegarden, February 20.

**Jefferson**—The weather continues to be very dry. Quite a number of hogs are being fed this winter and some losses from hog cholera have been reported. The weather has been very favorable for feeding stock and most of the corn and hay will be utilized that way. A large number of sales are being held and prices are very good.—A. C. Jones, February 18.

**Kearny**—We are having very mild weather and have had very little snow so far this winter, consequently there has not been so much expense in feeding cattle and other livestock. Feed and farm implements bring a fair price at public sales. Eggs are worth 25c and butterfat is 25c.—Cecil Long, February 18.

**Kiowa**—We have had no moisture for some time and wheat is very discouraging. All kinds of livestock are being fed dry feed or silage and are in excellent condition. In fact, we have had very little bad winter weather. Much beef is being consumed in this vicinity. Beef is cheap meat this winter. Corn is worth 35c; wheat, \$1.15 and eggs are 25c.—H. E. Stewart, February 18.

**Linn**—We have been having warm, dry, spring weather recently. The roads are excellent and many are moving. All kinds of livestock are in good condition. A few public sales are being held and everything except horses brings satisfactory prices. Incubators and hens are being set. Two farms sold recently for \$50 an acre and had fair improvements. A good horse is worth \$100; a mule, \$125; butter is selling for 25c; cabbage, 6c; flour, \$1.80 and eggs are 30c; old hens, 18c; springs, 16c; potatoes, \$1.60; sweet potatoes, \$2.50; onions, 10c.—J. W. Cline-Smith, February 18.

**Lyon**—The good weather during the last weeks makes everybody feel as if spring is near. Wheat is in fair condition and prospects are satisfactory. The roads are excellent. Gophers are very bad in most of the alfalfa fields and are doing much damage. Farmers should do everything possible to get rid of this pest. All kinds of live-

stock are in excellent condition. Wheat is worth \$1.08; butter, 28c and eggs are 28c.—E. R. Griffith, February 18.

**Norton**—Dry, windy weather still continues. Warm, spring weather and good rains will help the wheat if it comes soon. A few public sales are being held and prices are satisfactory except on horses and thin stock cattle. Nearly 95 per cent of the returns of sales are cash. Altho the outlook is not very encouraging farmers are beginning to make plans for the coming season. It just takes a real Kansas farmer to be ready to meet conditions as they arrive.—Sam Teaford, February 18.

**Renov**—We are having very dry, warm weather. Wheat is very discouraging as it doesn't look as well as it did last fall. A large number of public sales are being held but prices aren't very satisfactory. It takes an unusually good horse to bring \$80. Money is scarce. Rough feed has nearly all been used. Wheat is worth \$1.12; corn, 40c; butter, 30c and eggs are 30c.—D. Engelhart, February 18.

**Renov**—Wheat which has come up is growing but there are a large number of fields that have not sprouted yet. It is still very dry as there has been no rain or snow. A large number of cattle are being marketed; mostly steers. Corn is worth 40c; alfalfa hay from \$8 to \$10; wheat, \$1.14 and steers are from 4½c to 6c.—J. Fraser, February 18.

**Riley**—It is cold and windy and we have had no snow or moisture of any kind. The wheat fields are dormant and one cannot tell much about the outcome. Feed is plentiful and all kinds of livestock are in excellent condition. A large number of beef cattle have been shipped out and are being replaced by dairy cattle. Farmers are co-operating in shipping livestock. A few sales are being held and prices are fair. Hogs are worth 8c; eggs, 28c and corn is 42c; wheat, \$1.15.—P. O. Hawkinson, February 17.

**Rock**—We are having excellent winter weather, but have had no moisture of any kind yet. The ground is too dry to do spring work. All kinds of livestock are in excellent condition. Wheat is worth \$1.10; corn, 25c; butterfat, 20c and eggs are 30c.—C. O. Thomas, February 18.

**Rush**—We had a few days of zero weather recently. This has been the driest season we have had for years. There is still some subsoil moisture but we need a good rain. Wheat is making a little showing. Some of the wheat does not look very encouraging, as the freezes have been very hard on it. The plant is dormant but I think with favorable weather will produce a good crop. Hogs are scarce and there is a great demand for them. All kinds of livestock are in excellent condition. Wheat is worth \$1.23; corn, 48c; butterfat, 28c and eggs are 26c.—A. E. Grunwald, February 18.

**Saline**—Dry weather still continues. We had one stormy day but the wheat was not injured. Rough feed is plentiful and cattle are in excellent condition. Hogs are scarce. Stock hogs are a good price. Wheat is worth from \$1.10 to \$1.15; corn, 40c; butter from 31c to 34c; butterfat, 28c and hogs are from 4c to 8½c; oats, 50c; eggs, 27c and 28c.—J. P. Nelson, February 18.

**Stafford**—We have had very little rain and snow since December 1. We have had a few days of very high winds which are taking what little surface moisture there is. Corn is nearly all husked and is in excellent condition. No loss of stock has been reported. Very few public sales have been held. Nearly 10 per cent of the wheat is still in producers' hands. Wheat is worth \$1.16; corn, 40c.—H. A. Kachelman, February 18.

**Stafford**—Dry weather still continues and wheat is needing moisture very much. Prices for wheat and corn have been increasing slowly. Stock is doing well on wheat pasture.—S. E. Veatch, February 18.

**Washington**—We have been having excellent weather for this time of year. Wheat prospects do not look very promising. Some fields look all right while others look doubtful. Farmers are very interested in meetings held for reduction of taxes in this county. There is much sickness and the "flu" is raging again. Farm sales are commanding good prices. Spring moving has begun. Eggs are worth 28c; oats, 35c and butterfat is 25c; corn, 40c; wheat, \$1.12.—Ralph B. Cole, February 18.

**Wilson**—We have not had more than 2 inches of moisture since September 1921. This is a good winter for feeding but there are few cattle to feed. The wheat fields are brown but with a favorable spring they could improve considerably. It is to be regretted that many of our best young farmers have quit the farms.—S. Canty, February 18.

**Woodson**—We are enjoying excellent winter weather. The frost is all out of the ground and farmers are plowing. There will be nearly 70 per cent of the usual acreage of oats put out this season. Seed oats will be bought this year as last year's crop was very light and chaffy. Cattle are in excellent condition. A few farmers still have to haul water. A few public sales are being held and the terms are cash.—E. T. Opperman, February 18.

#### Opportunity for Safe Investment

Readers of Kansas Farmer and Mail and Breeze who have surplus funds to invest can learn of a particularly attractive, high-grade security by writing me at once. I regard this as an exceptional opportunity for Kansas Farmer and Mail and Breeze readers. Amounts of \$100 or more are solicited; rate of interest, 7 per cent, payable semi-annually, with the privilege of withdrawal at any time upon 30 days' notice. I can unqualifiedly recommend this investment, which is backed by unbroken record of 28 years' success in one of the strongest business concerns in the West, offering a security that is as safe as Government bond. I will be glad to give further information. Arthur Capper, Topeka, Kan.—Advertisement.

Thousands of steel workers, who bought automobiles during golden war days, have converted them into "jitneys." Idle workers at Hammond, Ind., are making a living by carrying people from there to East Chicago.



The Busy Spring Season Will Soon be Here and Many Farmers in Kansas Will Use the Iron Horse to Speed Up the Plowing and Planting Operations



# The Care of Dairy Calves

Good Quarters and Proper Feeds are Essential

BY J. H. FRANSEN

INTELLIGENT observation and interest in his work will enable the caretaker of any class of livestock to do much toward preventing loss from disease by the detection of illness in its early stages; to learn the special likes and dislikes of his animals for certain feeds; to improve his methods of care and in short to attain greater success in the enterprise.

Regularity and attention to details in the feeding and care of the dairy heifer calf is just as essential if not more important than in the care of other livestock, since upon the character of the growth obtained depends in a large measure the value of the cow when mature.

## Provide Comfortable Sheds

Warm, comfortable quarters are just as necessary in successful calf rearing as correct feeding. Calves must be protected from cold drafts and dampness, be supplied with fresh air and be permitted to exercise.

Calf pens are preferably located near the south side of the barn and so arranged that sunlight enters them. Exercising yards to the south of the barn connecting with the pens are desirable in order that calves may be turned out for exercise even on cold days and be protected from the north winds. Cement floors are satisfactory from the viewpoint of durability and cleanliness, but are cold in winter unless covered by an abundance of dry bedding.

Stanchions are a necessary part of the equipment in suitable calf quarters. Calves should be stanchioned while being fed milk and for a short time afterward so that they will not suck one another. It is not an uncommon sight to see deformed calves' ears caused by the freezing of the moist ears after their having been sucked by other calves. Twenty to 25 square feet of floor space exclusive of mangers should be allowed for calves under six months of age. Individual pens for calves are good when one can afford them, but they are more costly on account of the large amount of material necessary for pen walls, space required, and labor in cleaning them than pens holding four or five calves apiece. The latter are entirely satisfactory provided the calves are stanchioned while being fed. The practice of crowding calves closely into small pens or of tying them in dark corners of the barn without permitting them to exercise should be discontinued. However, in summer, calves under six months old are best kept in darkened stables to avoid annoyance of flies and to protect them from the hot sun.

## Supply Water and Salt Regularly

Fresh water should be supplied to calves over a month old. In cold weather it is well to warm the water, so that a sufficient quantity to supply the calves' needs will be drunk. A small amount of salt should be supplied to calves 2 to 3 months old. A little may be sprinkled in the feed trough or it may be kept in a box to which the calves have access at will.

To keep calves in the best of health and to permit of a proper development of the lungs and chest they should be permitted to have outdoor exercise even in cold weather. It is well to have a yard which is protected from both the north and west winds if possible so that calves may be turned out in winter, but on cold days it is not advisable to leave calves out long enough that they become chilled.

The removal of horns from dairy

cattle is a practice which is to be commended under most conditions. In the show ring it usually is considered that well shaped and polished horns add to the appearance of animals so that dehorning is seldom practiced in show herds.

When calves are 3 to 5 days old, or as soon as the developing horns can be felt, the horns should be destroyed by means of caustic potash. This treatment is much more convenient to apply and causes less of a shock to the animal than dehorning after the animal is grown. In performing the operation, first cut away the hair around the base of the horn by means of scissors, moisten slightly one end of a stick of caustic potash which has been wrapped partially in paper to protect the hands of the operator, and rub it on the horn, being careful that none of the caustic gets on other parts of the skin or near the eyes of the calf, as it burns severely. The caustic will destroy the horn, leaving a slight depression. If a scab does not form within a few days after applying the caustic, repeat the application.

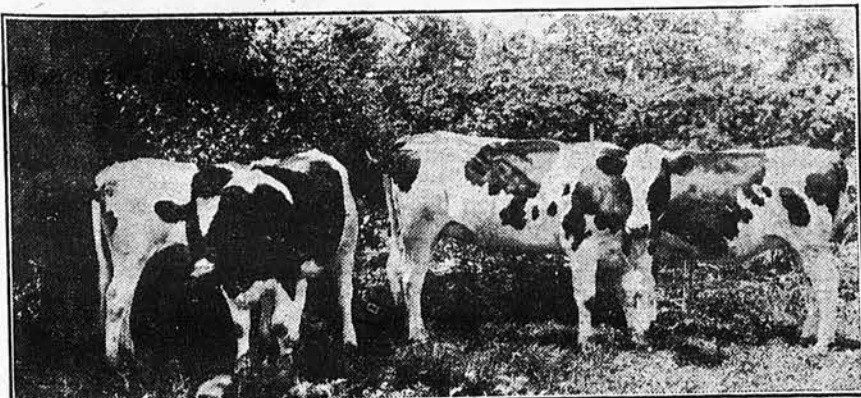
Cleanliness is essential. This applies to the pails, feed troughs and racks from which calves are fed, and also to the pens, yards and to the calves themselves. Feeds must be in proper condition and utensils must be kept in sanitary condition if calves are to be kept in good health. Clean, comfortable pens supplied with plenty of dry bedding are one of the best preventives of disease.

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The editorial department of *Kansas Farmer and Mail and Breeze* believes that this is an outstanding contribution to the literature of profitable animal husbandry in Kansas. The book has been adopted as a text in several agricultural colleges. Every Kansas farmer who has livestock would make larger profits if he would read this book, and then apply its teachings. In this time of limited agricultural profits, it is only the man who uses the best methods who will win. We believe in this book so thoroly that we have obtained copies for distribution to our readers. A copy will be sent postpaid to every subscriber who renews his subscription to the *Kansas Farmer and Mail and Breeze* at the regular rate of \$1 a year. Why not send in your renewal today, and get this valuable Kansas livestock book free as a reward? Address Circulation Department, *Kansas Farmer and Mail and Breeze*, Topeka, Kan.

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## Hogs Drive at the \$10 Mark

Prices Paid Now are Best Since August 15

BY WALTER M. EVANS

HOG prices during the last two weeks have shown a steady advance and last week reached new high levels that exceeded all predictions. The \$10 mark was reached last Wednesday week which was the highest price paid since August 15 and is the top for the present year. Lambs also continued to advance during the same period and almost reached the \$15 mark, the top price being \$14.75. Since November 15 of 1920 the increase in prices on both have been very gratifying. Hogs on November 15 of that year were quoted at \$6.66 and lambs at \$6.12. Altho beef cattle are not bringing as much as feeders think they should an investigation of the market records shows a considerable advance in prices. Beef cattle on November 15, 1920 were quoted at \$4.69 as compared with \$8.25 at Kansas City this week.

### Market Corn Thru Feeding

If this upward trend continues farmers again will be encouraged to get back into the livestock game and market their crops thru this route. At the price paid last week feeding corn to hogs might be even more profitable than it was during the Great World War. Reviving the "13 to 1" ratio of war times, it will be remembered that during the war 100 pounds of pork was expected to bring as much on the market as 13 bushels of corn, so that when corn was selling for \$2 a bushel pork was supposed to be worth \$26 a hundred pounds.

At present corn is selling around 50 cents a bushel in many places with hog prices at \$10, while under the old "13 to 1" ratio the pork should be worth about \$6.50 a hundred pounds.

Or, figuring it the other way, the corn marketed thru hogs at present prices brings the farmer a return of 77 cents a bushel for his corn, emphasizing the added value thru feeding it, instead of shipping. Also there is the added value in the manure which goes back to the soil and is not shipped out as when the grain is sold.

Another encouraging feature is the strength shown in the various organizations of farmers and stockmen that have been trying to devise better systems of marketing livestock and other farm products. Under the auspices of the American Farm Bureau Federation the National Livestock Producers' association was organized last year and it already has begun to function in a fairly satisfactory manner. Recently at a meeting of its board of directors in Chicago an aggressive campaign was planned for improving our present system of livestock marketing. The directors at the meeting mentioned voted to establish co-operative livestock commission companies owned and operated by the farmer members of the organization at Buffalo, Chicago, Cleveland and Indianapolis, Pittsburgh, and St. Louis. According to John G. Brown of Monon, Ind., president of the National Livestock Producers' Association these companies will be ready for business by April 1 of the present year. A committee consisting of C. E. Collins, Kit Carson, Colo.; A. Sykes of Iowa and O. O. Wolff of Kansas was named to confer with co-operative establishments at Kansas City, St. Joseph, Omaha, and at Council Bluffs, Ia., and other markets with a view to bringing all under the proposed national plan.

### Census Shows Livestock Decreases

Another factor that may stimulate additional interest in the livestock industry is the fact that the Government report recently given out by the United States Department of Agriculture shows a big decrease in nearly every kind of livestock. The number of beef cattle for 1922 is estimated at 41,334,000 as compared with 42,879,000 for 1921; dairy cattle, 24,028,000 against 24,028,000 in 1921; swine, 56,996,000 as compared with 67,046,000 in 1921; sheep, 36,048,000 as compared with 45,067,000 last year; horses, 10,099,000 as against 20,183,000 in 1921; mules, 5,436,000 as compared with 4,999,000 a year ago. As population is increasing rapidly while livestock is decreasing it requires no great amount of vision to realize that demand under such conditions will tend to push prices upward and keep them there.

At Kansas City this week livestock prices ruled higher under an active demand. In cattle there was a broader outlet than for some months past. Demand from Eastern cities increased, there was buying on Pacific Coast accounts, and feeders wanted fleshy steers for a quick turn. The advancing season brought out large inquiry for thin cattle that could be roughed thru to grass. Hogs sold up to \$10.10, the highest price since last August and while the full advance was not maintained, prices finally were 40 cents higher than a week ago. Lambs sold up to \$14.75, and the market is in the highest position in more than 20 months.

Receipts this week were 36,000 cattle, 4,750 calves, 51,300 hogs, 21,650 sheep, compared with 35,150 cattle, 5,400 calves, 45,425 hogs, and 28,240 sheep last week, and 25,512 cattle, 3,300 calves, 55,900 hogs, and 39,500 sheep a year ago.

### Beef Cattle 40 Cents Higher

Outside shipping demand principally from Atlantic Seaboard cities caused an active trade in fat cattle at 25 to 40 cents higher prices. No big advance prevailed on any one day, but each day showed moderate gains. The best steers here sold at \$8.25. The other good to choice steers brought \$7.50 to \$8.10, and the bulk of all killing steers sold at \$6.75 to \$7.75. Cows and heifers advanced 15 to 35 cents. Choice light weight veal calves were firm. Others fluctuated 25 to 50 cents.

Demand for thin cattle continued active with best classes up 25 cents. A good many half fat steers went to feed lots and most of the light weight stockers were taken to be roughed thru to grass. Stock cows and heifers and "springer" cows sold readily.

The top price for hogs today was \$9.85 and bulk of sales \$9.40 to \$9.80. Compared with a week ago prices are 40 cents higher, the 10 to 20 cents under the high point Thursday. Demand is large and urgent. Shippers continue to take the bulk of light and medium weight grades, and packers are anxious for the other classes.

Lambs were mostly 50 cents higher and sheep up 25 cents. Receipts were light and supplies moved freely. The bulk of the lambs this week sold at \$14.25 to \$14.50 with \$14.75 for top. Ewes sold at \$7.00 to \$7.65, and yearlings \$11.50 to \$12.50.

### Horses and Mules

Trade in horses was quiet at about steady prices. Mules sold readily and slightly stronger than last week. Receipts were moderate. Drafters weighing \$1,500 to 1,700 pounds at Kansas City are quoted at \$100 to \$175; fair to good drafters, \$60 to \$100; good chunks, \$60 to \$125; medium chunks, \$50 to \$85; fancy drivers, \$100 and upward; medium drivers, \$65 to \$100; plugs, \$10 to \$25; well broken mules, 4 to 7 years old, 13 1/2 to 14 1/2 hands high, \$40 to \$85; 14 to 14 1/2 hands high, \$50 to \$85; 15 to 15 1/2 hands high, \$85 to \$125; 15 1/2 to 16 hands high, \$100 to \$140 apiece.

All kinds of wool from the Middle West and Southwest are in demand. The following quotations are given at Kansas City this week:

Missouri and similar bright medium wool, three-eighths blood 23 to 25¢ a pound; bright medium one-quarter blood 20 to 22¢. Kansas, Nebraska and Oklahoma bright medium 18 to 20¢; dark medium 16 to 18¢; light fine 18 to 20¢; heavy fine 12 to 15¢. Colorado, New Mexico, Utah and Texas, light fine 20 to 22¢.

Quotations on furs are generally unchanged. The following prices are quoted at Kansas City:

Skunks, black \$5; short stripe, \$3.50; narrow stripe, \$2.25; broad stripe 75¢ to \$1; unprime 25¢ to \$3; raccoon, large \$5; medium \$3.50; small \$2; No. 2 \$1 to \$2; No. 3 50¢ and No. 4 25¢; mink, large \$7 to \$8.50; medium \$5 to \$6; small \$3.50; No. 2 \$2.25; No. 3 75¢ and No. 4 25¢; opossum, large \$1; medium 60¢; small 35¢; No. 2 20¢ and No. 3 15¢; muskrat \$1 to \$1.25; civet cats 10 to 30¢; gray fox 50¢ to \$2; red fox 75¢ to \$8; otter \$1 to \$15 and beaver \$1 to \$15.

The following sales of hides are re-

ported this week: Green salted No. 1 hides, 7¢; No. 2 hides 6¢; side brands, 4¢; bull hides, 4¢; green glue, 2¢; dry flints, 8 to 10¢; horse hides, \$2.25 to \$2.75; small horse and pony hides \$1 to \$1.50 apiece.

The following quotations are given on dairy products at Kansas City:

Butter, extra quality, 32¢; butter scoring 88 to 89 per cent, 27 to 30¢; packing butter, 15¢; butterfat, 33¢; Longhorn cheese, 24 1/4¢; Brick, 19 1/4¢; Twins, 22 1/4¢; Limburger, 26 1/4¢; New York Cheddars, 25¢; New York Daisies, 26¢; Swiss, 36 1/4¢.

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

Eggs—Firsts, 28¢; seconds, 23¢; selected caselots, 34¢.

Live Poultry—Hens, 20¢; springs, 25¢; roosters, 11¢; capons, 24¢ to 28¢; turkeys, 36¢; old toms, 33¢; geese, 15¢; ducks, 22¢.

### Two States to Keep Cochel

BY T. W. MORSE

Shorthorn breeders of Kansas and Missouri will raise the necessary money to give them 80 per cent of the time and services of W. A. Cochel, as Shorthorn fieldman for the two states, for the year beginning April 1, 1922. Under the recent proposition from the American Shorthorn Breeders Association several states and groups of states are taking action to avail themselves of high class breed promotional field service at a moderate cost.

Missouri and Kansas are especially fortunate in being the home and chief field of action of a man of Mr. Cochel's ability and standing. They likewise are fortunate in the possession of a mutually agreeable headquarters point like Kansas City. In no state or group of states are the Shorthorn breeders more favorably situated for a steady upbuilding of their business.

At the recent meeting of the Kansas Shorthorn Breeders Association at Manhattan, Kan., it was unanimously voted to accept the national association's proposition for the retention of Mr. Cochel, and final joint action with the breeders of Missouri is planned for the meeting of the Central Shorthorn Breeders' Association meeting in March.

Kansas officers as follows were elected at the Manhattan meeting: S. M. Amcoats, Clay Center; John Regier, Whitewater, and Clarence White, Burlington, new directors. John Tomson, Dover, and A. M. Paterson, Manhattan were re-elected president and secretary, respectively.

### Exports in a Big Slump

The value of American exports in January dropped to the lowest level since August, 1915, according to a statement issued February 13 by the Department of Commerce. Figures for last month show exports valued at 279 million dollars and imports amounting to 216 million dollars. The imports total is slightly larger than January, 1921, when the incoming trade was valued at 209 million dollars. The decrease in exports values, however, was decided, representing a falling off of 15 million dollars from the previous month of December and a drop of 375 million dollars from January, 1921. The low figure of August, 1915, was 261 million dollars. For the seven months ending with January exports aggregated 2,230 million dollars, compared with 4,636 million dollars during the corresponding months of 1921. For the seven months ending with January imports aggregated 1,405 million dollars compared with 2,543 million dollars during the corresponding period of 1921.

The Department of Commerce predicts that more than 5 billion dollars worth of American goods, manufactures and raw materials will be sold abroad during 1922.

### Bourbon Ships Much Livestock

The Bourbon County Shipping Association has shipped 50 cars of livestock since it was organized less than a year ago, according to H. L. O'Bryan, manager. Eight carloads have been shipped within the last month. Three of these were shipped January 31. One of the three was shipped from Fort Scott, one from Pawnee Station and one from Devon.

Of the tonnage building in the shipyards of the world almost 60 per cent is in the United Kingdom.



# Wooden Hen Hits Ten Spot

## Incubators Never Fail If Instructions are Followed

BY H. M. WELLS

**H**ATCHING chicks is no longer the serious problem it used to be when one's success depended on the whims and the erratic movements of broody hens. Thanks to the ingenuity of man we now have the incubator or the wooden hen that hits the ten spot every time if instructions sent out by the manufacturer are carefully followed. One of the essentials of successful incubation is that we study the instructions sent with the incubator and operate the machine accordingly. The manufacturer understands his incubator and is just as much interested in having it give good results as is the operator.

Other factors which influence our hatches are the condition of the breeding stock and care of the hatching eggs. The chicks are obtained from matings of strong vigorous hens and cockerels rather than from cockerel and pullet matings. The mating of cockerels and pullets year after year will have a tendency to weaken the vitality of the chicks which is one of the causes of chicks dying in the shell.

### Proper Temperatures Essential

Before placing the eggs in the incubator, it is advisable to run the incubator for two or three days so as to test it out and get the thermostat regulated for the correct temperatures. When the eggs are placed in the incubator the temperature will drop, but do not change the thermostat or regulator as inside of 24 hours the eggs will become heated to the point where the temperature was regulated before the eggs were set. As soon as the chick embryo begins to grow it will give off more heat and this will have a tendency to cause the incubator temperature to rise. This is the reason some successful incubator operators prefer to operate the machine the first week at 102°, the second week at 103°, and the third week at 104°.

### Turning, Cooling and Testing

After the third day and until the 18th day, the eggs should be turned twice a day and cooled at the same time. The eggs are sufficiently cooled when they are of the same temperature as the eyelid or the back of the hand. On the seventh day the eggs should be tested out for infertile eggs and dead germs, and to determine the extent of evaporation. At this time, the air cell should be about three-eighths of an inch in diameter. If the air-cell is larger than this, moisture should be added, either by sprinkling the floor underneath the incubator or by keeping damp cloths on the inside of the incubator underneath the egg tray. On the 14th day of the hatch, the eggs should be tested out again, and the dead germs taken out. The air-cell should be noted. An air-cell approximately five-eighths of an inch in diameter is desirable at this stage of incubation.

After the 18th day the incubator should not be opened until the hatch is complete. On the 21st day, if the glass in the incubator door should be covered with moisture, the door can be opened about the width of a match stick.

### Causes of Poor Hatches

Before starting the incubator for the season, test the incubator thermometer with a physician's clinical thermometer, or a standard tested thermometer, by placing them in a bowl and adding warm water until it shows 103° on the clinical or tested thermometer. Then check up the incubator thermometer with it. One de-

gree either one way or the other will result in poor hatches.

The incubator should be located in a room where there are no drafts or sudden changes of temperature. That is why it is advisable to have the incubator operated in the cellar. An opening of some kind should be provided in the cellar near the ceiling to permit the foul air and gases which may arise to escape. If the cellar is provided with cellar light windows, one of these preferably on the south should be opened. Either burlap or muslin should be tacked over the opening so as to prevent any direct draft.

When the incubator is operated in another room of the house, there should be no heat in the room. A north side is preferable as the sunshine in the other rooms would change the room temperature during the daytime.

The causes of uneven temperature are the following: Incubator not set level; insufficient insulation in the incubator walls. A spirit level should be used to level the machine, otherwise the water in the heating system of hot water incubators will not circulate properly and uneven temperatures will prevail in the different parts of the incubator.

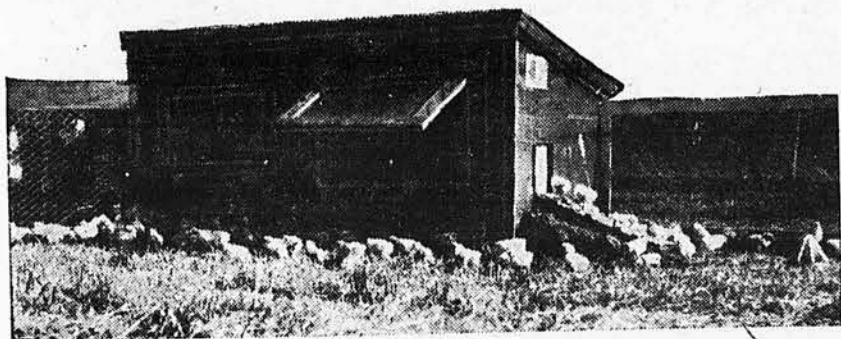
Too high a temperature during the hatch, causes the chicks to hatch out before the 21st day, and weakens the vitality of the chicks. Too low a temperature will prolong the hatching period and will cause a low percentage of the hatch, especially if the eggs are from weak breeding stock. Kerosene oil on the eggs will also cause poor hatches as the oil will penetrate thru the shell and kill the embryo. It is necessary, therefore, to turn and cool the eggs before filling the lamp, otherwise the oil will get on the hands, thus transferring it to the eggs. Washing the eggs will also cause a poor hatch.

### Conference on Plant Quarantine

A conference is called by the Federal Horticultural Board at the United States Department of Agriculture, Washington, D. C., March 15, 1922, at 10 o'clock a. m., for the purpose of considering the advisability of any modifications—additions to or deductions from—of the classes of plants permitted entry under permit for immediate sale under Regulation 3 of Quarantine 37. Such conference will afford opportunity for a full and free discussion of the whole subject of the classes of plants involved and the restrictions enforced under this regulation.

Regulation 3 now provides for the entry of certain classes of bulbs, representing 80 to 90 per cent of the importations into the United States prior to the quarantine, and also of stocks, cuttings, and scions of fruit, rose stocks, and seeds of fruit, forest, ornamental and shade trees and hardy shrubs. The purpose of the conference, therefore, is to consider the desirability of any restrictions in this list of plants or additions to it. Under this regulation open continuing permits are issued for the plants listed. In other words, there is no limitation on the number of plants which may be imported under such permits.

Toys to the amount of 100 million dollars were imported into this country last year. It is believed that the increased demand for these articles was caused by the popularity of the "educational toy."



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Or write me today for Free Book "Hatching Facts" and get all the particulars. It gives newest ideas, easiest plans and quickest ways to make poultry pay big. Jim Rohan, Pres.

**Belle City Incubator Co.**  
Box 21, Racine, Wis.

## Brooks Buttermilk Chick-Starter

contains the lactic acid that helps eliminate bowel trouble and white diarrhoea, and makes chicks grow twice as fast as ordinary grain feeds. It contains pure dried buttermilk, steel cut oats, special meat scraps, grain meals, etc.—no weed seeds, screenings or musty off-fall.

Ask your Dealer. If he can't supply you, we will ship direct, but in heavy 100 lb. sacks only, \$5.00 each on cars here, or 500 lbs. \$23.75. An 8-1-3 pound trial order sack by prepaid parcel post on receipt of 85c.

**THE BROOKS CO., Manufacturers, FT. SCOTT, KANSAS**

## Make Big Money Hatching Chicks New Way

Don't lose baby chicks in hatching. "I got 79 chicks out of 79 fertile eggs with a Favorite," writes John Klaser, 1004 E. Seventh Street, Alton, Ill. Poultry raisers who know use the

## FAVORITE INCUBATOR

Double-walled throughout, automatic heat control with heavy copper heating system, removable trays and accessible nursery—a champion hatcher at lowest price.

### Free Book

Write today for Free Book explaining our amazing low-price offer and money-back guarantee. Write now—a post card will do—to the

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## Brooder Coal!

Ransom's Pure Anthracite Brooder Coal

## Will Save Your Chicks

No dirt, no dust, no slack, no smoke, no soot, no choking gases; few ashes.

## Holds Fire Over Night

Price: \$1.10 per 100 lb. sack f. o. b. Kansas City. Write today for free sample.

**RANSOM COAL & GRAIN CO., Station "B" Kansas City, Mo.**

## Big Value Baby Chicks

Eleven popular, money-making breeds. Easy to buy—priced low. Easy to raise—husky, healthy, vigorous. And guaranteed! Write today for FREE catalog showing many breeds in full colors.

**OHLS POULTRY YARDS and HATCHERY**  
Box 26, Ottumwa, Iowa

## BEES AND SUPPLIES

### Buy Direct From Factory

30 years experience in making the goods you use enables us to make the best for the price.

**EARLY ORDER DISCOUNTS SAVE YOU MONEY**

Send for free catalog today.

**LEAHY MFG. CO., 25 Third St., Higginsville, Mo.**

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Kills lice, mites, bed bugs, etc., affecting poultry. Spray or paint on roosts, etc. Gets body lice on chickens, too. Works while they sleep. No dusting, dipping, greasing or handling. Saves lot of unpleasant work. At most towns, stores handling Lee Poultry Supplies. Write for information and FREE Book.

**GEO. H. LEE CO., Dept. F-5 OMAHA, NEBR.**

Think of it - 150 EGG

# Ironclad INCUBATOR

FOR ONLY \$13.85

Freight Paid East of Rockies

Made of Genuine California Redwood, galvanized iron covering, triple walls, asbestos lining, deep chick nursery, hot water heat, copper tank and boiler, self regulating. Shipped complete with fixtures, set up, ready to use. The biggest bargain on the market. 30 days' trial—money back if not satisfied. Absolutely no risk when you buy Ironclad. Or we will ship you this

**150 Egg Incubator and 150 Chick Brooder, both for \$19.75**

Both for \$19.75

150 Egg and 150 Chick

Freight paid east of Rockies. Here is a big capacity hot water incubator and hot

water brooder, built of materials that will last for years, at a price that no one can equal.

Both incubator and brooder have copper tanks and boilers. Guaranteed to please or your money back. If you prefer a larger outfit, order our

**260 Egg Incubator \$20.25**

**260 Egg Incubator with Brooder 28.75**

This incubator has two doors and two egg trays. Order direct from this ad and save time, or send for free catalog today.

**IRONCLAD INCUBATOR CO. Box 69 Racine, Wis.**

## Bigger Better BABY CHICKS

We want to send you our big, FREE Baby Chick Book. Get it today and find out how "Continental" chicks can be guaranteed to grow faster and lay more eggs. Every chick guaranteed from best, pure bred stock. Big, strong and husky. All breeds. Safe delivery guaranteed, charges paid. You can't go wrong on "Continental" chicks. Write for free book and prices before you buy.

**Continental Hatcheries**  
Box 211 Springfield Ohio

## QUALITY Chicks and Eggs

20,000 PURE BRED BREEDERS, 12 varieties. Best laying strains. Incubate 10,000 eggs daily. Catalog Free. Prewar prices. Free live delivery.

**Missouri Poultry Farms, Columbia, Mo.**

## PREMIER EGG BOXES

No breakage nor injury to germs when eggs are shipped in PREMIER CORUGATED EGG BOXES. Used and endorsed by U.S. Gov't farms. Shipped direct from factory at lowest prices. For shipping day-old chicks PREMIER STANDARD CHICK BOXES are far the best and safest.

Used by leading hatcheries everywhere. Post card brings complete price list.

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10.....	\$1.00	\$3.20	26.....	\$2.60	\$ 8.32
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12.....	1.20	3.84	28.....	2.80	8.96
13.....	1.30	4.16	29.....	2.90	9.28
14.....	1.40	4.48	30.....	3.00	9.60
15.....	1.50	4.80	31.....	3.10	9.92
16.....	1.60	5.12	32.....	3.20	10.24
17.....	1.70	5.44	33.....	3.30	10.56
18.....	1.80	5.76	34.....	3.40	10.88
19.....	1.90	6.08	35.....	3.50	11.20
20.....	2.00	6.40	36.....	3.60	11.52
21.....	2.10	6.72	37.....	3.70	11.84
22.....	2.20	7.04	38.....	3.80	12.16
23.....	2.30	7.36	39.....	3.90	12.48
24.....	2.40	7.68	40.....	4.00	12.80
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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 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.

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## AGENTS WANTED

WE PAY \$200 MONTHLY SALARY. FURNISH RIG and expenses to introduce our guaranteed poultry and stock powders. Bigler Company, X671, Springfield, Ill.

WANTED—A FEW MORE GOOD, RELIABLE men to sell National Brand fruit trees and a general line of nursery stock. Carl F. Heart of Kansas earned \$2,312.67 in 18 weeks, an average of \$128.48 per week. You might be just as successful. We offer steady employment, loan outfit free and pay cash weekly. Write at once for terms, territory, etc. Catalog free to planters. National Nurseries, Lawrence, Kan.

## BUSINESS OPPORTUNITIES

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.

PUT YOUR BUSINESS BEFORE MORE than 1,150,000 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 60 cents per word, which will give you one insertion in each of the five sections, Capper's Farmer, Kansas Farmer and Mail and Breeze, Missouri Ruralist, Nebraska Farm Journal, and Oklahoma Farmer. Capper Farm Press, Topeka, Kansas.

## HELP WANTED

WANTED—EXPERIENCED FARM HELP. Couple without children. Farm near Bird City, Kan. Howard Downing, Nora, Neb.

## SERVICES OFFERED

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

**IS YOUR WAY BETTER? PATENT YOUR** improvements. Lamb & Co., Patent Attorneys, 1419 G. Street, Washington, D. C.

**PLEATINGS ALL KINDS INCLUDING** fine knife pleated edging so popular in dressmaking and millinery. Mrs. M. J. Mercer, 800 Topeka Blvd., Topeka.

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

**WANTED, ORDERS FOR APRONS** including children's. All designs. Ranging price 75 cents to \$4.00. State size and color. Orders taken permanently. Mrs. Francis Krone, R. 4, Delphos, Kan.

**EXPERT TRACTOR SERVICE. IF YOU** buy or sell a used tractor, let me put it in first class shape. Can call or assist you by letter. Satisfaction guaranteed. Prices reasonable. J. B. Luder, Waldo, Kan.

**INVENTORS WRITE FOR OUR ILLUSTRATED** book and record of invention 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.

**A DOLLAR SAVED IS A DOLLAR EARNED.** Send us your name and address and we will send you full details how to save 20% to 30% when buying automobile tires, tubes, oils or supplies. Kerr Auto Supply Co., Junction City, Kan.

## EDUCATIONAL

**MOLER BARBER COLLEGE, LARGEST** and best. Write for free catalog. 544 Main St., Kansas City, Mo.

**LAWRENCE BUSINESS COLLEGE, LAW** rence, Kansas, trains its students for good paying positions. Write for catalog. \$133-\$192 MONTH. BECOME RAILWAY Mail Clerks. List positions free. Write today sure. Franklin Institute, Dept. B15, Rochester, N. Y.

**FINLAY ENGINEERING COLLEGE, KAN-** sas City, Mo. Mechanical, electrical, armature winding, auto elec. 6 weeks to 2 years. Write for catalog and courses by mail.

**BIG MONEY IN ELECTRICITY—THOU-** sands of men just like yourself have become electrical experts by spare-time study at home. You can do as well. There is not the slightest doubt about it. At least get the facts by writing today to the International Correspondence Schools, Box 7992, Scranton, Pa.

## PERSONAL

**VEIL MATERNITY HOSPITAL—OFFERS** efficient medical and hospital care supplementing congenial homelike surroundings for young women during confinement. Private, reasonable. Babies for adoption. 512 E. Main St., Corry, Pa., 15 W. 31st Street, Kansas City, Mo.

## BUILDING SUPPLIES

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

## MACHINERY

**FOR SALE—ONE NICHOLS SHEPARD 20** horse, double cylinder steam engine in extra good condition. Henry C. Meyer, Palmer, Kan.

**FOR SALE—THRESHING RIG, 36-60** Avery separator, 22 H. steam engine. Chas. Borchardt, 427 W. 8th St., Junction City, Kan.

## WANTED TO BUY

**WANTED—500 RUNNER DUCKS, ALSO** pure bred poultry and turkeys. Describe what you have at lowest wholesale price. Paul Frehse, Clarinda, Iowa.

## KODAK FINISHING

**FOR 25c WE DEVELOP ANY SIZE ROLL** and 6 quality velvet prints. Film packs and 12 prints 50c. The Photo Shop, Topeka, Kan.

**TRIAL ORDER—SEND 25c AND ROLL** for 6 beautiful glossitone prints or 6 reprints. Fast service. Day Night Studio, Sedalia, Mo.

## FOR THE TABLE

**HIGHEST GRADE EXTRACTED HONEY,** 60 pounds, \$6.50; 120 pounds, \$12; here. Drexel & Sons, Beekeepers, Crawford, Colo.

**"THEBESTO" HONEY—DELICIOUS, MILD** flavor; light color; satisfaction guaranteed or money back; 5-lb. can postpaid, \$1.40; c. d. if desired. Write for prices on quantities. Colorado Honey Producers Association, Denver, Colorado.

## TOBACCO.

**50 POUNDS 1920 TOBACCO FREE, DON'T** buy until you receive our offer. Kentucky Tobacco Company, Box 151-A, Owensboro, Ky.

**TOBACCO: KENTUCKY'S PRIDE, RICH,** mellow chewing or smoking, 10 lb. \$3; mild smoking, 10 lb. \$2.00; 20 lb. \$3.50. Farmer's Club, Mayfield, Ky.

**HOMESPUN SMOKING OR CHEWING TO-** bacco collect on delivery 5 pounds \$1.50; 10 pounds \$2.50; 20 pounds \$4.00. Farmers Association, Paducah, Kentucky.

**LEAF TOBACCO—3 YEARS OLD. PAY** for tobacco and postage when received. Chewing, 5 lbs., \$1.50. Smoking, 6 lbs., \$1. Farmers' Grange, No. 68, Hawesville, Ky.

**KENTUCKY LEAF TOBACCO: 3 YEARS** old, nature cured. Don't send a penny, pay for tobacco and postage on arrival. Extra fine quality chewing or smoking, 10 lbs. \$3.00; medium quality smoking 10 lbs. \$1.25. Farmers' Union, D19, Hawesville, Ky.

**MONEY BACK IF NOT DELIGHTED.** Choice aged mellow Kentucky natural leaf—postpaid. Mild white Burley, 50c lb.; 10 lbs. \$4. Best Yellow Pryor, 30c lb.; 10 lbs. \$2.50. Second grade, 5 lbs. \$1. Trial pound each, three kinds, \$1. Chambers Tobacco Growers' Warehouse 6, Chambers, Kentucky.

## NURSERY STOCK

**REDUCED PRICES ON OUR COMPLETE** assortment of quality stock. Catalog free. Hutchinson Nurseries, Kearney, Nebr.

**GRAPE VINES, CONCORD, 1 YEAR NO. 1,** 25 for \$2; 100 for \$6, prepaid. State inspected. H. A. Hedding, R. 1, Coloma, Mich.

**FRUIT TREES, GRAPE VINES, BERRY** plants, forest tree seedlings, evergreens and ornamentals. Write for catalog. Greenwood County Nursery Co., Eureka, Kan.

**FRUIT TREES, GREATLY REDUCED** prices. Direct to planters. No agents. Peaches, apples, pears, plums, cherries, grapes, berries, nuts, pecans, mulberries, ornamental trees, vines and shrubs. Free 64 page catalog. Tennessee Nursery Co., Box 124, Cleveland, Tenn.

**TREES AND SEEDS, REDUCED PRICES** on our quality nursery stock at wholesale planters prices. Northern grown tested garden, flower and field seeds at low prices. Send today for our catalogs full of valuable information on culture of trees and plants. Box B, Wichita Nurseries and Seed House, Wichita, Kan.

## SEEDS AND PLANTS

**SWEET CLOVER SEED, \$5 LB. CHAS.** Redding, Waverly, Kan.

**GARDEN SECRETS (17,000 WORDS)** free. Jesse Long, Boulder, Colo.

**SWEET POTATO SEED YELLOW JER-** sey. H. C. Hays, Manhattan, Kan.

**STRAWBERRY PLANTS, \$3 PER 1,000.** List free. J. Sterling, Judsonia, Ark.

**SWEET CLOVER SEED, ANY QUANTITY.** Acclimated. Park Salter, Wichita, Kan.

**FOR SALE—HUBAM ANNUAL SWEET** clover, \$1 lb. Clark Works, Humboldt, Kan.

**GOLDMINE SEED CORN, \$2.00 PER BU.** Samples free. J. F. Feigley, Enterprise, Kan.

**SEED SWEET POTATOES 14 VARIETIES.** Write for prices. Johnson Bros., Wamego, Kan.

**EVERBEARING STRAWBERRIES, BEST** plants, low prices. Write Henry Jefferies, Ottawa, Kan.

**WHITE SWEET CLOVER, HULLED, \$10** hundred; unhulled, \$7. Lester Peairs, Lyndon, Kan.

**BEST SEED SWEET CORN, ALL KINDS** garden seed cheap. Write Henry Jefferies, Ottawa, Kan.

**KANOTA OATS, 75 CENTS IN MORE THAN** twenty-five bushel lots. L. C. Swihart, Lovewell, Kan.

**PURE PETERITA SEED, RECLEANED,** sacked, \$2.50 per cwt. William Cutter, Hugoton, Kan.

**HULLED SCARIFIED AND RECLEANED** white sweet clover, \$6 bu. Victor Polson, Vermillion, Kan.

**BEST GARDEN SEEDS, ALL KINDS.** Prices reasonable. Write Henry Jefferies, Ottawa, Kan.

**SHELLED RICE POP CORN, 2 1/2 CENTS** lb., any quantity. Seamless bags, 40 cents. Burg, Lakin, Kan.

**RECLEANED HULLED WHITE SWEET** clover, \$4.50; yellow, \$5 bu. Robert Snodgrass, Augusta, Kan.

**BEST ENSILAGE CORN, IMMENSE** yielder, hardy. Write Henry Jefferies, Ottawa, Kan.

**PURE WHITE SWEET CLOVER SEED,** own growing. Samples on request. Joseph Weir, Winfield, Kan.

**FLOWERING BULBS, PLANTS, SEVENTY** kinds beautiful flowers. Write Henry Jefferies, Ottawa, Kan.

**SEED CORN, THREE VARIETIES, BEST** to be had for the price. Order now. Fred Laptad, Lawrence, Kansas.

**BEST MELON SEEDS, ALL KINDS GAR-** den and flower seeds. Prices reasonable. Write Henry Jefferies, Ottawa, Kan.

**SEED PEAS, BEANS, MELONS, SWEET** corn. All kinds garden seeds, best varieties, low prices. Write Henry Jefferies, Ottawa, Kan.

**BEAUTIFUL FLOWER SEEDS, SEVENTY** varieties. Flowering bulbs and plants. Write Henry Jefferies, Ottawa, Kan.

**MARKET GARDENERS, WRITE FOR** prices on peas, beans, melons, radishes, lettuce. Best seed, low prices. Henry Jefferies, Ottawa, Kan.

**RED RIVER SEED, POTATOES EXTRA** Early Ohio, Irish Cobbler by the bushel or car load. My sixth year. Henry Korgan, Hastings, Nebr.

**GENUINE FROST-PROOF CABBAGE** plants. Postpaid, 40, 25 cents; 100, 50 cents; 250, \$1. Express, 500, \$1.50; 1,000, \$2.50; 5,000, \$10. Blanche Wilsons Gardens, Adrian, Mo.

**WHITE SWEET CLOVER, BEST QUAL-** ity cheap. Unequalled permanent pasture. Minimum labor. Sow on damaged wheat. Pasture after harvest. Information, John Lewis, Virgil, Kan.

**STRAWBERRY PLANTS, PROGRESSIVE** and Dunlap. Fine plants, low prices. Write Henry Jefferies, Ottawa, Kan.

**SEEDS—KAFIR CORN, \$1 PER BUSHEL.** Feterita, \$1.10. Sumac or Orange cane seed, \$1. Seed corn, \$1.75. Millet, \$1.25. Sudan grass, \$4.50 cwt. Sacks free. Holzer Seed House, Russell, Kan.

**CHOICE UPLAND RECLEANED ALFALFA** seed for sale at \$15.00 per hundred pounds f. o. b. track Belleville, Kansas. Ask for samples. New heavy sacks 35c each. E. A. Fulcomer, Belleville, Kan.

**PLANT KUDZU FOR HAY AND PAS-** tures. More nutritious than Alfalfa and yields more. Needs no lime or fertilizer. Lasts a lifetime without replanting. Write for information. Cherokee Farms, Monticello, Florida.

## FOR SALE OR TRADE

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

**BEEES, \$10 COLONY IN REGULATION** hives. B. Salisbury, Tescott, Kan.

**RUG \$40 VALUE, ALMOST NEW, BEAUTY** \$20.00. G. W. Norris, Marienthal, Kan.

**1920 SHELLED RICE POPCORN, 50 LBS.,** \$1.25; 100 lbs., \$2. Herman Stiff, Whiting, Kan.

**PORTER'S SOFT HEAT INCUBATOR, 150** eggs, \$13.00. Used one year. Queen Incubator, 180 eggs, \$12. Sam Durbin, Junction City, Kan.

**FOR SALE—25-50 AVERY TRACTOR, 28-46** Avery separator complete. All rebuilt, painted like new, mounted fuel tank, cook shack. Cash or trade for western Kansas land. Box 4, Salina, Kan.

**FOR SALE—STEAM HEATING BOILER,** 8-section cast iron low pressure, capable of heating church, public building or business block. Good condition. Used only three years. Enlarging our plant. Will take \$250 cash f. o. b. Topeka. S. T. Walker, Supt., Security Benefit Association Home, Route 8, Topeka, Kan.

## TYPEWRITERS

**TYPEWRITERS FOR SALE, TRIAL AND** payments. Josephine Yotz, Shawnee, Kan.

**TYPEWRITERS SOLD ON EASY PAY-** ments. Free trial. Payne Co., Rosedale, Kansas.

**REBUILT TYPEWRITERS, ALL MAKES.** Sold, rented, repaired, exchanged. Fire proof safes. Adding machines. Jos. C. Wilson & Co., Topeka, Kan.

## MISCELLANEOUS

**PHONOGRAPH RECORDS AND PLAYER** piano rolls exchanged. Trade old for new. Stamp brings catalog. Fuller, Wichita, Kan.

# FARMERS' CLASSIFIED AD USE THIS FORM—IT SAVES DELAY

Mail This to  
**Kansas Farmer and Mail & Breeze**  
Topeka, Kansas

Rate: 10 cents a word on single insertion; 8 cents a word each week if ordered 4 or more consecutive weeks. Minimum charge is \$1.

Count initials or abbreviations as words

## Fill This, Please!

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(Your Name)

(Town)

Route

(State)

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**AIREDALE-SHEPHERD FARM WATCH** dog. J. H. Scruggs, Kincaid, Kan.

**COLLIES—CLOSING OUT. GROWN DOGS,** puppies. Frank Barrington, Sedan, Kan.

**SCOTTISH TERRIER RAT DOGS, HARRIS** stock, \$5.00. Jas. S. Fuller, Alton, Kan.

**NEWFOUNDLAND PUPPIES, MALES, \$12;** females, \$8. John Reinke, Bolcourt, Kan.

**FOX TERRIER PUPS, BEAUTIFULLY** marked, \$5.00-\$7.50. Herb Wilson, Holton, Kansas.

**FOR SALE—20 SHETLAND PONIES, ALL** colors. Broke for children. D. B. Grutzmacher, Westmoreland, Kan.

**FOX TERRIERS, SPITZ, COLLIES, SHEP-** herds, bull dogs, registered Airedales, dogs and puppies; \$4 to \$35. L. Poos, Dearborn, Mo.

**GERMAN SHEPHERD, AIREDALES, COL-** lies and Old English Shepherd dogs. Brood matrons, puppies. Bred for farm helpers. Spotted Poland China hogs. 10c for instructive list. W. R. Watson, Mgr., Nishna Pure Bred Stock Co., Box 221, Macon, Mo.

## POULTRY

*Poultry Advertisers: Be sure to state on your order the heading under which you want your advertisement run. We cannot be responsible for correct classification of ads containing more than one product unless the classification is stated on order.*

## Andalusian—Eggs

**BLUE ANDALUSIAN EGGS FROM FIRST** class blues, \$1.50 15; \$8 100; prepaid. H. Rogers, Colwich, Kan.

**PURE BRED BLUE ANDALUSIAN EGGS** from culled pen \$1.50—15; \$9.00—100. Chas. C. Miller, White City, Kan.

## ANCONAS

**FOR SALE—ROSE COMB ANCONAS, B. F.** Graff, Erie, Kansas.

**ANCONA HENS AND PULLETS FOR** sale, \$2 each. Shem Yoder, Yoder, Kan.

**EVERLAY ANCONAS, HIGHEST EGG** producers. Eggs, 100, \$7. Chicks, 17c. Everlay Farm, Hale, Mo.

**ANCONA BARGAIN! EGGS \$7—100.** Chicks 15c. From prize stock. Guaranteed. Theorem Tibbitts, Richland, Kansas.

**ANCONAS, GEIS CANADIAN BLUE RIB-** bon; \$2.50-15. Sheppard direct. Chicks 15c, eggs \$7.00-100. Mrs. Carl Modine, McPherson, Kansas.

**ANCONAS: EGGS, BABY CHICKS AND** cockerels from blue ribbon stock. Bred for egg production. Theo. Zercher, Box 648, Topeka, Kan.

**SHEPPARD STRAIN ANCONAS, NINE** prosperous years with the winter egg case fillers and non-sitters. Folder free. Bessie Ruchel, Cedarvale, Kansas.

**PURE BRED SINGLE COMB ANCONA** chicks; also eggs for hatching, \$8 per hundred; chicks, \$15 per hundred. Mr. and Mrs. Walter Pierce, Chapman, Kan.

**SINGLE COMB ANCONAS, FAMOUS SHEP-** pard foundation. Selected, Hoganized, range flock. Eggs, 15, \$1.50; 100, \$7. Chicks, 100, \$16 prepaid. Safe delivery. Jno. R. Baker, Downs, Kan.

**PAGE'S ANCONA FARM, SALINA, KAN-** sas. Bred Anconas exclusively eleven years. Cockerels, cocks, eggs; literature free. Member National and Kansas Clubs. Orders filled promptly or money returned. C. J. Page, Salina, Kansas.

**PYLE'S PROFIT PAYERS—ORCHARD** Home Single Comb Anconas. Winter layers. Hardy hustlers. Hatching eggs postpaid to you 15 for \$1.50; 50 for \$4.50; 100 for \$8.00. Hatch guarantee. Circular free. Frank Pyle, R. 3, Osawatomie, Kan.

## Ancona—Eggs

**ANCONAS, SHEPPARD 331-EGG STRAIN,** eggs, 100-\$6.00. Nina Bastman, Buffalo, Kansas.

**SINGLE COMB ANCONA, SHEPHERD'S** strain, farm range eggs, \$6 per 100. Safe delivery. Prepaid. H. E. McClure, Cawker City, Kan.

**SINGLE COMB ANCONAS, BEST STRAINS** and choice high producing stock. Eggs, 15, \$1.50; 100, \$7. Prepaid. Roy Rock, Enterprise, Kan.

**PURE BRED SINGLE COMB ANCONAS,** heavy laying strain, eggs for hatching, 15, \$1.25; 100, \$6. J. T. Clinkingbeard, R. 2, Altoona, Kan.

## BABY CHICKS

**BARRON'S WHITE LEGHORN CHICKS** 20c prepaid. Hens Hogan tested. A. L. Nitcher, Oberlin, Kansas.

**CHICKS: 10 CENTS UP, POSTPAID, 12** varieties. Large catalog and guide free. Superior Farms, Windsor, Mo.

**QUALITY CHICKS: LEGHORNS 10c,** large breeds 12 and 13c. Prepaid eggs. Fleda Jenkins, Jewell, Kansas.

**CHICKS, 10c UP, 1,000,000 FOR 1922.** Twelve pure breeds. Best guarantee. Catalog free. Booth Hatchery, Clinton, Mo.

**BABY CHICKS—SINGLE COMB WHITE** Leghorns. Pure bred, from high producing flock. J. D. Lundeen, McPherson, Kan.

**YOUNKIN'S CHICKS—LEADING VARIE-** ties. 10c up. Send for prices on early chicks. Younklin's Hatchery, Wakefield, Kan.

**PURE BRED SINGLE COMB WHITE** Leghorn baby chicks. Write for circulars. Rockyview Stock & Poultry Farm, Wamego, Kansas.

**BABY CHICKS—PURE BRED SILVER** laced Wyandottes. March delivery 18c prepaid. Mrs. G. E. Siemers, Clay Center, Kansas.

**YOU BUY THE BEST CHICKS FOR THE** least money, guaranteed alive and shipped everywhere, 18c to 20c from Colwell Hatchery, Smith Center, Kan.

**BABY CHICKS—PURE S. C. BLACK MI-** norcas, 18c; S. C. Buff Leghorns, 14c. Live delivery prepaid. Rhodes Hatchery, Clifton, Kan.

**BABY CHICKS—LEADING VARIETIES.** 97% live delivery guaranteed. Prices: Leghorns 11c and larger breeds 12c. Floyd Bozarth, Eskridge, Kansas.

**50,000 SINGLE COMB WHITE LEGHORN** chicks from heavy laying strains. Prices reduced. Live delivery prepaid. Myers Hatchery, Clay Center, Kan.

## BABY CHICKS

**BUFF ROCK CHICKS, HEN HATCHED,** entire season, 15 cents. Leitch Sisters, Parkerville, Kan.

**BARRON'S WHITE LEGHORN BABY** chicks, \$13 hundred. Eggs, \$5 hundred. Prepaid. Earl Faidley, Oakley, Kan.

**BABY CHICKS—WHITE LEGHORNS,** Dark Brown Leghorns, R. I. Reds, \$12 per hundred. Mrs. Jefferis, Mildred, Kan.

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**PURE S. C. BROWN LEGHORNS, GUAR-** anteed to lay and pay. Chicks, 12 cents. Eggs, \$5 per 110 prepaid. Mrs. G. M. Jennings, Melvern, Kan.

**YOU BUY WORLD'S BEST SINGLE COMB** White Leghorn chicks at \$15 per 100. That will make you money from Clara Colwell, Smith Center, Kan.

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**ROSE COMB WHITE LEGHORN COCK-** erels, \$1.25 each. Uriah Slabach, Conway, Kan.

**SINGLE COMB BUFF LEGHORN COCK-** erels, \$1.50 and \$2.00. Gus Newell, Chapman, Kansas.

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**SINGLE COMB WHITE LEGHORNS, PURE** Frantz strain direct; winter layers. Chicks, 14c. Live arrival. Eggs, 11c, \$5; postpaid. P. B. Way, Canton, Kan.

**SINGLE COMB WHITE LEGHORNS.** Flock headed by cockerels 275-300 Ferris strain. 15 eggs, \$1.50. Hundred, \$5. Chicks, 15 cents. Carl Erhart, Independence, Kan.

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**PURE BRED SINGLE COMB WHITE LEG-** horn cockerels, \$1. Chas. McFadden, Morland, Kan.

**ROSE COMB BROWN LEGHORNS SPE-** cialized 15 years. Mrs. Mary Miek, Kansas, Kan.

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**PURE BRED WHITE LEGHORN COCK-** erels, \$2.00 and up. Mrs. Arthur Pitney, Belvue, Kansas.

**PURE BRED SINGLE COMB WHITE LEG-** horn rooster, \$1.50 each. Sent on approval. C. A. Gabelmann, Natoma, Kansas.

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**BLACK LEGHORN EGGS, \$4 100. FLOYD** Miller, Jennings, Kan.

**S. C. BUFF LEGHORN EGGS, 100, \$5.** Maggie McNeely, Ness City, Kan.

**ROSE COMB BROWN LEGHORN EGGS,** \$5.00, 100. Otto Borth, Plains, Kan.

**SINGLE COMB BROWN LEGHORN EGGS,** \$5 100. Mrs. Alfred Sharral, Marion, Kan.

**BARRON STRAIN SINGLE COMB WHITE** Leghorn eggs, \$5 100. A. T. Ely, Marion, Kan.

**ROSE COMB BUFF LEGHORN EGGS, HO-** ganized matings. Floyd Schaulis, Morrill, Kan.

**YESTERLAI SINGLE COMB WHITE** Leghorn eggs \$5—100. H. F. Henderson, Peck, Kansas.

**SINGLE COMB BUFF LEGHORN EGGS, \$3** per 50, \$5.50 per 100. Lewis L. Long, Florence, Kan.

**ROSE COMB BUFF LEGHORN EGGS, \$7** per 100 prepaid. Mrs. Herman Behrens, Marysville, Kan.

**PRIZE WINNING SINGLE COMB BROWN** Leghorns, 100 eggs, \$4.50. Chas. Dorr, Osage City, Kan.

**BARRON'S PURE BRED HOGANIZED S.** C. White Leghorn eggs, \$5 100. Charles Sigle, Lucas, Kan.

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**SINGLE COMB WHITE LEGHORN "HO-** ganized" eggs. 100-\$5.00; \$50-\$3.00. Florence Bumphrey, Corning, Kansas.

**SINGLE COMB WHITE LEGHORNS,** American standard type, 100 eggs \$6.00. Mrs. W. R. Hildreth, Oswego, Kansas.

**SINGLE COMB WHITE LEGHORNS.** Frantz, heavy winter laying strain. Eggs, \$5 per hundred. H. A. Starr, Raymond, Kan.

**PURE BRED SINGLE COMB ENGLISH** White Leghorn eggs, Tom Barron strain, \$5 per 100. Cora Kufus, South Haven, Kan.

**SINGLE COMB BROWN LEGHORN EGGS** from good laying free range flock, \$4.75 per 100, postpaid. Mrs. Nell Wilcoxon, Route 1, Ford, Kan.

**SINGLE COMB DARK BROWN LEGHORN** eggs. Tested flock. "Everlay" sires; \$5.50-100 postpaid. Mrs. Harvey Crabb, Bucklin, Kansas.

**SINGLE COMB BUFF LEGHORN EGGS,** 1



## Leghorn—Eggs

PURE BRED SINGLE COMB BUFF LEGHORN eggs, 100, \$5. Hoganized hens mated to high egg-bred cockerels. Mrs. Will Fletcher, Bucklin, Kan.

BARRON STRAIN WHITE LEGHORN eggs. Large healthy stock, 100% fertility guaranteed. Reasonable prices. Post's Poultry Farm, Mound City, Kan.

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PURE BRED WHITE LANGSHAN EGGS, extra good layers, \$7 100. Mattie Toyne, Linwood, Kan.

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PURE BRED WHITE LANGSHANS, excellent layers. Eggs, 15, \$1.50; 100, \$6; prepaid. H. L. Cudney, Hopewell, Kan.

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PURE BUFF ORPINGTON COCKERELS, \$2.50, J. E. Simpson, Idalia, Colo.

PURE BRED BUFF ORPINGTON COCKERELS, \$2, \$3, D. H. Axtell, Sawyer, Kan.

100 SINGLE COMB BUFF ORPINGTON cockerels, 100 pullets. Champion strain. H. C. Davis, Denison, Kan.

BUFF ORPINGTON COCKERELS FOR sale. Price 5 to 25 dollars. J. M. Clevenger, R. 7, Lawrence, Kan.

WHITE ORPINGTON COCKERELS AND pullets from blue ribbon matings. Goodrich and Harper, 712 Topeka Ave., Topeka, Kan.

SINGLE COMB BUFF ORPINGTON COCKERELS, \$2.50 each. Mrs. A. Wicklund, Morganville, Kan.

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REAL BUFF ORPINGTONS. EGGS, \$6 100. Prepaid. Mrs. George Lang, Cuba, Kan.

QUALITY BUFF ORPINGTONS. EGGS, 100, \$7. A. Jansen, Route 4, Ottawa, Kan.

PURE BRED WHITE ORPINGTON EGGS, \$5 per 100. Mrs. Isabelle Sanford, Parker, Kan.

PURE BRED BUFF ORPINGTON EGGS, \$3.00-50; \$5.00-100. Mrs. Sam Hebb, Howard, Kansas.

GOOD BUFF ROCK ORPINGTON HATCHING eggs, 15, \$1 prepaid. Mrs. Lemmons, R. 4, Lincoln, Kan.

SINGLE COMB BUFF ORPINGTON EGGS for hatching, 15-1.50 prepaid. R. P. Wells, Formosa, Kan.

FINE BUFF ORPINGTON EGGS, 15-1.50; 100-8.00. Transportation prepaid. J. Thompson, Logan, Kan.

BUFF ORPINGTON EGGS, \$1 15; \$6 100. Prepaid. Baby chicks, 14 cents. Ralph Chapman, Hackney, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, \$5 per hundred. Owen's strain. Mrs. Wray Hight, White City, Kan.

## Orpington—Eggs

CRYSTAL WHITE ORPINGTON EGGS, \$5.00 hundred. Kellerstrass strain. Mrs. Gordon North, White City, Kan.

S. C. BUFF ORPINGTON EGGS FROM prize winning stock, \$2 per 15; \$8 per 100. Cockerels in use from eggs from exhibition matings direct from Byers, Hazelrigg, Ind. Ed Rosenquist, Courtland, Kan.

STANDARD BRED S. C. BUFF ORPINGTON eggs. Owens & Sunswick hens. Famous "Byerstrain" cockerels. Range flock. Vigorous healthy birds, 100, \$8; 50, \$5; 15, \$2.25. delivered. Mrs. Ida Sheridan, Carleiro, Kan.

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BUFF ROCK COCKERELS. HUGH SHULTZ, R. 4, Eureka, Kan.

BUFF ROCK COCKERELS, \$2, \$3, \$5. A. R. Quinnette, Ames, Kan.

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FINE PURE WHITE ROCKS. 100 EGGS, \$5. Chicks, \$18. Mrs. John Hoornbeek, Winfield, Kan.

LINE BRED HOLTERMAN, BARRED Rock cockerels, \$2.50 each. Mrs. F. H. Butler, Fellsburg, Kan.

PURE BRED WHITE ROCK COCKERELS \$3. Eggs 100-45; 15-1. Mrs. Elwin Dales, Eureka, Kansas.

PURE BRED BARRED ROCK COCKERELS, \$2. Eggs, \$6 per 100. Annie Galbraith, White City, Kan.

FINE BARRED ROCK COCKERELS \$3 and \$5. Eggs 100, \$6; 15, \$1.50. Mrs. Kaesler, Junction City, Kansas.

BARRED ROCKS. LARGE BONED heavy laying strain. Cockerels \$1.50 to \$3.00. Helen Romary, Olivet, Kan.

BARRED ROCK COCKERELS, ANCESTORS winners, \$3 each. Fine ones. Baby chicks. Mrs. Mattie Gillespie, Elk City, Kan.

BARRED ROCKS, "RINGLETS" 84 PREMIUMS 35 firsts. Males and females. Mattie A. Gillespie, Clay Center, Kansas.

CHOICE WHITE ROCK BABY CHICKS \$18 hundred. Eggs \$1.50 fifteen, \$3.00, 45; \$5.00, 100. Nona Zimmerman, Milan, Kan.

LARGE BONED WHITE ROCKS. FISHEL strain. Eggs, 15, \$1.50; 100, \$5. Chicks, 15 cents. Carl Erhart, Independence, Kan.

BARRED ROCK COCKERELS—PULLETS. Write for prices and mating list. 50 ribbons this year. Henry Hicks, Cambridge, Kansas.

BARRED PLYMOUTH ROCK COCKERELS and pullets at \$3 and \$4 apiece. Satisfaction guaranteed. Mrs. Gus Brune, Lawrence, Kan.

FINE BARRED ROCK COCKERELS. Thompson strain. Eggs, \$5 100; \$3.50 50; \$1.50 setting. Wm. C. Mueller, Route 4, Hanover, Kan.

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PURE BRED WHITE ROCKS 200 EGG strain. Utility flock 1.50-15; \$5.00-100. Write for prices from direct trapnest pens. H. C. Loewen, Peabody, Kansas.

NARROW BARRED ROCK COCKERELS, large, pure blood, yellow shanked, red eyed, prize winning stock, \$2. Order from this ad. Mattie Shearer, Frankfort, Kan.

CROUCH'S BARRED ROCKS; BRED TO lay; won three grand champions, one sweepstakes pen, three champion in American class. Eggs from the above yards for hatching. Write for catalog. W. S. Crouch, Claremore, Okla.

150 IMPERIAL RINGLET BARRED PLYMOUTH Rock cockerels for sale. Largest birds in Kansas. 8 to 11 1/2 lbs. each. \$3, \$5, \$10 each. Transportation prepaid. Satisfaction or money back. Eggs, 15, \$2; 50, \$6.50; 100, \$10. Chicks, 15, \$3.75; 50, \$10; 100, \$15. A. I. Hook, North Willow Poultry Ranch, Coffeyville, Kan.

## Plymouth Rock—Eggs

BUFF ROCK EGGS, \$6 PER HUNDRED. Fred Johnson, Walton, Kansas.

BARRED ROCK EGGS, MATING LIST. Sylvan Miller, Humboldt, Kan.

PURE BARRED ROCK EGGS \$1.25-15; \$6.50-100. Ed Meyer, Olathe, Kansas.

RINGLET BARRED ROCK EGGS, 100, \$6; 15, \$1.25. Mrs. Lynn Bailey, Lyndon, Kan.

FISHEL WHITE ROCK EGGS \$5.00-100; \$9-200. Mrs. James McCreath, White City, Kan.

BUFF ROCK EGGS, \$1.50 FIFTEEN; \$4 50; \$7 100. Chicks, \$18 100. Della Wood, Milan, Kan.

CHOICE RINGLET BARRED ROCK EGGS, \$8 hundred. Mrs. W. E. Schmitendorf, Lyndon, Kan.

WHITE ROCK EGGS, \$5.50 PER 100. BABY chicks, 13 cents. Jenkins Poultry Farm, R. 3, Jewell, Kan.

TRAPNESTED 200 EGG STRAIN WHITE Rock eggs \$10, 100. Book order early. Mrs. G. N. Reed, LaMonte, Mo.

BUFF ROCK EGGS. BAKER'S STRAIN from record winter layers. \$2 15, \$3.50 30. R. L. Rader, Mound City, Kan.

WHITE ROCK EGGS, LAYING STRAIN. \$1 per 15; \$6 per 100. Safe delivery guaranteed. Frank Ross, R. 1, Hays, Kan.

BUFF ROCK AND BUFF LEGHORN EGGS, \$4.50 per hundred. Toulouse goose eggs, 25c each. Mrs. Hedgesepe, R. 1, Wilsey, Kan.

WHITE ROCKS EXCLUSIVELY, FARM range. Eggs for hatching, \$6 hundred, \$1.50 setting. Mrs. Sam Lash, Abilene, Kan.

LARGE BONE YELLOW LEGS HEAVY laying strain pure Barred Rock eggs 100, \$6. 15, \$1.25. Mrs. Ira Emig, Abilene, Kan.

BARRED PLYMOUTH ROCK EGGS FOR hatching (Parks 200 egg strain), 30, \$5; 100, \$10. Delivered. Gem Poultry Farm, Haven, Kan.

WHITE ROCKS. TWENTY-ONE YEARS selective breeding. 100 eggs, \$6.00; 50, \$3.50; 15-1.25, prepaid. Bracken Fogle, Williamsburg, Kan.

## Plymouth Rock—Eggs

IMPERIAL RINGLET BARRED PLYMOUTH Rocks. Cockerel line. E. B. Thompson strain. Card brings mating list. C. C. White, Seneca, Kan.

PURE BARRED ROCKS—BRADLEY-Welcher layer strain. Eggs, \$6.50 100; \$3.50 50; \$1.50 15. Hens, \$2. Mrs. A. Van Scoyoc, Oak Hill, Kan.

BUFF ROCKS BRED FROM CHICAGO AND Kansas City first prize winners, fine, large, even colored, heavy laying stock. Eggs per setting, \$2.50, \$10 per hundred. Catalog free. C. R. Baker, Abilene, Kan.

WHITE ROCKS, BEST ALL PURPOSE fowls. Eggs from heavy laying, trap-nested stock, \$2 per 15; \$6 per 45; postpaid. Select pen, high record, trap-nested hens, eggs, \$5 per 15. Prepaid. Thomas Owen, Route 7, Topeka.

## RHODE ISLANDS

SINGLE COMB REDS, BOOKING ORDERS for eggs and chicks. S. F. McClaren, Cherryvale, Kansas.

PURE BRED DARK ROSE COMB RED cocks and cockerels, \$2 and \$3 each. Donnie McGuire, Paradise, Kan.

SINGLE COMB RHODE ISLAND RED cockerels. Dark glossy red \$2.00, \$3.00. Mrs. Geo. Koontz, R. 1, Haven, Kan.

ROSE COMB RED COCKS, COCKERELS descendants of \$50.00 male bird; \$2.00, \$3.00, \$5.00. Huston, Americus, Kan.

CHICKS FROM BIG-BONED ROSE COMB Red, Hogan tested, heavy layers, 15 cents, prepaid. Mrs. Alex Leitch, Parkerville, Kan.

EGGS—ROSE COMB REDS. CARVER Bean utility, \$6 hundred. Pens, \$3 up. Guinea pigs. Mrs. S. H. Nash, Kinsley, Kan.

ROSE COMB RED PENS EXHIBITION quality 50 eggs \$10. Good range flock, 100-55. Alice Clinkenbeard, Wetmore, Kan.

FINE ROSE COMB RHODE ISLAND White cockerels. Eggs for hatching. J. A. White, 601 West Jefferson, Pittsburg, Kansas.

RHODE ISLAND WHITE COCKERELS. Both combs. Col. Warren Russell strain, \$2.00. Mrs. S. T. Marcuson, Dresden, Kan., Route 2.

BEAN STRAIN ROSE COMB DARK RED certified cockerels \$2, \$3, \$5, also eggs \$5-100. \$3-50. Mrs. Lillie Wade, Burlington, Kansas.

MEIER'S SINGLE COMB REDS. FIRST prize winners at Chicago and Kansas City. Extra quality eggs. \$5 per 50, \$10 per 100. H. A. Meier, Abilene, Kan.

SINGLE COMB REDS. HEAVY PRODUCERS. Exhibition, utility combined. Eggs, 50, \$3.75; 100, \$6. Hen hatched chicks, 15c. A. E. Trapp, Wetmore, Kan.

CHICKS, PURE ROSE COMB REDS FROM heavy winter layers. Cockerels from 300 egg hens. 15c postpaid. Satisfaction guaranteed. Adda Walker, White City, Kan.

SINGLE COMB REDS THAT ARE RED tested. Stock eggs, \$2 15, \$5 50, \$10 100. Postage paid. Few cockerels left. 1 1/2 miles west of Warre. Henry Lenhart, Hope, Kan.

COCKERELS—S. C. REDS, FARM RAISED, excellent color and type. Winners wherever shown. Choice breeders at \$2.50 to \$15. Long View Poultry Farm, Route 7, Topeka, Kan.

HARRISON'S EXHIBITION EGG STRAINS. Single and Rose Comb Reds. Breeding stock, eggs for hatching. Baby chicks. Get Red Breeders' Bulletin. Harrison Red Farms, College View, Neb.

FOR SALE—SINGLE COMB RHODE ISLAND Reds. Cocks, cockerels, hens and pullets, from top notch quality stock. Also eggs for hatching. Mating list free. Jas. A. Harland, 1710 Highland, Salina, Kan.

STANDARD BRED ROSE COMB RED cockerels from birds winning Kansas City Topeka, other shows. Large boned, dark brilliant red from selected heavy laying stock \$3.50, \$5.00 and up. Satisfaction guaranteed. Mrs. G. H. Lowder, Waverly, Kansas.

## Rhode Island—Eggs

DARK BRILLIANT ROSE COMB REDS, bred layers. Eggs, \$6 100. Charles Sigle, Lucas, Kan.

SINGLE COMB RED EGGS. REAL RED birds; laying strain. Mrs. Sophia Lindgren, Dwight, Kan.

HOGAN TESTED ROSE COMB RHODE Island white eggs, \$6.50-100. Emma McKee, Peabody, Kan.

PURE BRED ROSE COMB RED EGGS from good layers, \$3 30; \$7 100. E. A. Bryan, Emporia, Kan.

ROSE COMB RHODE ISLAND WHITES, 290-egg strain. Eggs 15-42; 50-55. Ernest Powell, Alden, Kansas.

RHODE ISLAND RED EGGS, RICK-slicker strain, 15-15.50, 100-65.50. Mrs. Alex Leroux, Preston, Kan.

PURE BRED DARK ROSE COMB RED eggs, \$6 postpaid. Free range. Mrs. Chas. Lewis, Wakefield, Kan.

WINTER LAYERS. HOGAN TESTED. Dark Rose Comb Reds. \$2 15, \$6.50 100. Mrs. Winifred Shepherd, Woodward, Okla.

ROSE COMB RHODE ISLAND REDS. EXCELLENT fall and winter layers. Hogan test. Eggs, 15, \$2; 100, \$10. G. Blanke, Enterprise, Kan.

SINGLE COMB REDS BRED FROM Chicago and Kansas City first prize winners, fine, large, dark, heavy laying stock. Eggs, \$2.50 per setting, \$10 per hundred. Catalog free. C. R. Baker, Abilene, Kan.

## WYANDOTTES

BUFF WYANDOTTE COCKERELS, \$2 each. W. D. Laflin, Manhattan, Kan.

WHITE WYANDOTTE COCKERELS, \$2.00 each. Roy Phillips, Manhattan, Kansas, R. 4.

PURE BRED WHITE WYANDOTTE cockerels, \$1.50. Mrs. N. J. Antram, Galesburg, Kansas.

REGAL-DORCAS WHITE WYANDOTTES. Cock, cockerels, \$3.00, \$5.00, \$7.00. Eggs. Ira Ives, Liberal, Kan.

SILVER LACED WYANDOTTES. PRIZE winning stock. \$1.25 per 15. Mrs. P. S. Stringer, R. 3, Lincoln, Kan.

PURE BRED WHITE WYANDOTTE COCKERELS for sale, \$2.00 each. Some Buff Leghorn cockerels, \$1.50. George William, Route 2, Portia, Kan.

PURE BRED WHITE WYANDOTTE EGGS, \$6.50 hundred. Chicks 15c. Prepaid. Guarantee live delivery. James Christensen, Canton, Kan.

## WYANDOTTES

CATALOGUE READY, DESCRIBING choice White Wyandotte matings, show record, etc. Pre-war prices. L. A. Mooge, Hiawatha, Kan.

WHITE WYANDOTTES—PENS OF SELECTED females with choice regal males, also range flock. Catalog free. Mrs. Ernest Hazen, Hiawatha, Kansas.

PARTRIDGE WYANDOTTES—EXTRA fine cockerels, large type. Satisfaction guaranteed. \$5 each. Rev. F. R. Berry, 410 So. Broadway, Leavenworth, Kan.

## Wyandotte—Eggs

PURE BRED WHITE WYANDOTTE EGGS, \$6 100, \$1.25 15. J. W. Hoyt, Milan, Kan.

SILVER WYANDOTTE EGGS FOR HATCHING, \$4.50 per hundred, John Klein, Aulne, Kan.

COLUMBIAN WYANDOTTE EGGS. EXHIBITION and utility. O. C. Sharita, Box 4, Newton, Kan.

WHITE WYANDOTTE EGGS, CAREFULLY selected, \$1.50 per 15; \$8 per 100. J. L. Jones, Lebo, Kan.

BUFF WYANDOTTE EGGS, \$6 PER 100. Baby chicks, 14c. Jenkins Poultry Farm, R. 3, Jewell, Kan.

SILVER WYANDOTTE EGGS, \$5 PER 100. Prepaid. Booking orders now. Mrs. Ethel McHone, Almena, Kan.

SILVER WYANDOTTE EGGS FROM LAYING strain, \$1.50 setting; \$7.50 hundred. Henry L. Brunner, Newton, Kan.

WHITE WYANDOTTE HATCHING EGGS. From prize winning stock. Write for prices. S. B. Bachus, Abbyville, Kan.

WHITE WYANDOTTE EGGS. PRIZE winners. \$1.50 per 15; \$7.50 per 100. Carl A. Johnson, Route 2, McPherson, Kan.

ROYER'S PRIZE WINNING SILVER WYANDOTTES. Stock for sale. Eggs, \$2 setting; \$8 100. William Royer, Coffeyville, Kan.

WHITE WYANDOTTE EGGS. REGAL Dorcas strain direct, \$7 100. Pen Buff Wyandottes, \$2 15. Albert Glass, Fairfield, Neb.

EGGS FROM ELEGANTLY LACED SILVER Wyandottes bred for color, shape and eggs. \$2 for 15, \$3.75 for 30, \$5 for 45. W. A. Mudge, Le Roy, Kan.

WHITE WYANDOTTES. BARRON'S LAYING strain. Setting, \$2; 50 eggs, \$5; 100, \$9; all prepaid. Guarantee 60% hatch. H. A. Dressler, Lebo, Kan.

PURE WHITE WYANDOTTES. BRED TO lay. 100, \$6; 50, \$3.50; 15, \$1.25. Pen headed with Regal-Dorcas cockerels direct, 15, \$3. Mrs. Taylor Anthony, Langdon, Kan.

WHITE WYANDOTTES—MARTIN AND Keeler strain direct. Record layers. Closely culled. The kind that please. 10 eggs, \$8.00; 50, \$4.50; 30, \$3.75; 15, \$2.00. Pen eggs, 15, \$5.00; 30, \$9.00. Orders filled promptly. Safe delivery and satisfaction guaranteed. Garland Johnson, Mound City, Kan.

## SEVERAL VARIETIES

1949 COCKERELS, HATCHING EGGS, 49 varieties. Free book. Aye Bros., Box 5, Blair, Neb.

300 COCKERELS FOR QUICK SALE. Barred Rocks; Brown, White and Buff Leghorns; Anconas; Spanish; Cochins; Langshans; Polish and Bantams. Free circular. Prices from \$2.00 to \$3.00 each. Modlin's Poultry Farm, Route 28, Topeka, Kan.

## TURKEYS

BOURBON RED TOMS, \$9.00. Mrs. J. W. Gaston, Larned, Kan.

LARGE BOURBON TOMS AT \$9. W. H. Hansen, Abilene, Kan.

PURE BRED MAMMOTH BRONZE TOMS. Letha Parkhurst, Plainville, Kan.

NARRAGANSETT TOMS \$10.00. HENS \$7.00. Bindley's Longhill Farm, Burdett, Kan.

MAMMOTH BRONZE TOMS. GOLDBANK strain \$10 to \$15. E. Gaughan, Earleton, Kansas.



## Auto Show Pleases Crowds

By FRANK A. MECKEL

At that is new and modern in motor cars was shown at the Kansas City auto show last week. While there were not as many exhibitors as last year, and while the show took up but two floors of the Overland Building instead of three as it did a year ago, the show was very good. The deficiency in exhibits was confined largely to trucks and accessories.

Right in line with the standardization movement which is gripping the automotive industry, there were fewer new models shown this year than ever before. The designs are pretty much the same, and the deviations are mainly in small items and refinements of equipment.

There were a few new makes shown. The Rickenbacher car, named after America's famous war aviator was quite a center of attraction. The Earl was another new creation which aroused interest. Kansas City also saw something in the way of high-priced foreign cars when the Rolls Royce made its appearance.

There seemed to be a favoritism shown for closed cars, and some of the models exhibited embodied all of the comforts of a Pullman car. The Berlins and coaches were the popular closed models this year.

Perhaps the greatest feature of the show was the marked decline in the price of high grade motor cars. The new price schedules of a number of companies was remarkable. It is safe to say that automobile prices have declined all the way from 10 to 35 per cent in the last year. This reduced price was received with enthusiasm by prospective purchasers of cars.

A number of displays were unique as well as interesting. The Marmon manufacturers in showing the simplicity of the Marmon motor had a complete motor mounted on a block which was disassembled and completely assembled again in 60 minutes by two men. There were several beautiful "cut-out" models shown which displayed in detail every intricate working part of the entire car. The Ford display had one of these "cut-out" models which attracted much attention.

All in all, it was an excellent show and the attendance was good every day. Pleasant weather prevailed and there was considerable business done by the dealers represented.

## A Wheat Marketing Merger

A 100 per cent pooling contract for marketing wheat was indorsed by the Kansas Farmers' Union at a meeting in Kansas City, Mo., with officers of the Kansas Wheat Growers' association recently. Officers of the union, it was stated, pledged themselves to aid in signing up farmers to sell their wheat under a five-year contract made with the Kansas Wheat Growers' Association and to market it thru a central sales agency. Under the agreement members of the Farmers' Union will be expected to join the Kansas Wheat Growers' association, and vice versa. The wheat will be sold by the Farmers Union Commission Company in Kansas City, it was stated. This company owns a seat on the Kansas City Board of Trade.

## Co-operative Marketing Pays

Most everyone has heard something about the success of California fruit growers and farmers in co-operative marketing. It has been a success there in getting the producer a larger share of the dollar the consumer pays for the product.

The results of co-operative marketing and the more efficient production that comes with it, are demonstrated in a recent report of the California Department of Agriculture, which shows that California in one year jumped from sixth place in the United States in total value of all crops produced to second place. In 1921 the state strengthened its position, materially reducing the lead of Texas and increasing its lead over Illinois.

California passed Iowa, Illinois, Ohio and Kansas in 1920, when with a crop value of \$503,791,000 she was \$207,384,000 below Texas and \$17,489,000 above Illinois. In 1921 California cut down the lead of Texas to \$73,952,000 and increased her lead over Illinois to \$55,605,000.

The decline in crop values has been less in California than in either

## The Real Estate Market Place

There are 7 other Copper Publications that reach over a million and a half families which are also widely used for real estate advertising. Write for special Real Estate advertising rates on these papers. Special discount given when used in combination.

## Special Notice

All advertising copy must be received by the Real Estate Department not later than 10 o'clock Saturday morning, one week in advance of publication.

Pay no advance fee; don't give option or tie up real estate for any kind of contract without first knowing those you are dealing with are absolutely honorable, responsible and reliable.

## KANSAS

160 ACRES, fine improvements, 3 mi. town. \$60 per a. T. B. Godsey, Emporia, Kan.

GOOD LYON COUNTY improved farms, \$60 acre, up. Ira Stonebraker, Allen, Kansas.

EASTERN KANSAS FARMS, Lyon and Coffey Co. Ed. F. Milner, Hartford, Kansas.

FOR FARMS, suburban and city property, write Home Realty Co., Lawrence, Kansas.

160 ACRES, unimproved, near Leoti, level. \$13 a. Terms. Frank Turner, Atwood, Kan.

160 ACRES, Scott Co., 90 a. cult, \$16 acre. Terms. Box 205, Moundridge, Kansas.

SEC. GOVE CO., 10 ml. R. R., 30 a. alfalfa. Bal. grass, plenty water, \$25 a. Terms. H. M. Dickson, Orion, Kansas.

320 ACRES, Scott county, unimproved, level, all in grass, only \$20 acre. Terms. Jas. H. Little, LaCrosse, Kansas.

320 ACRES, Scott county, all good land, lays fine, well located, snap at \$15 acre. Terms. Write H. L. Baker, LaCrosse, Kansas.

FOR SALE—Fine wheat farms and business in Catholic settlement, sisters school. J. S. Schandler, Real Estate, R. 2, Selden, Kan.

BUY in northeastern Kansas where corn, wheat and all tame grasses are sure. Send for farm list. Silas D. Warner, 727 1/2 Commercial St., Atchison, Kansas.

22 ACRES, suburban chicken and dairy ranch. Electricity, gas, city water, house, barns, chicken houses, fruit, alfalfa, farms. L. O. Champe, Garnett, Kansas.

210 ACRES, highly improved, 60 a. in wheat; all fine land; 1 ml. of town. Write for particulars. Mansfield Land & Loan Co., 312-13 New England Bldg., Topeka, Kan. Phone 261.

80 ACRES, WELL IMPROVED One mile town. Sacrifice sale, settle estate. Terms. Mansfield Land & Loan Company, Ottawa, Kansas.

SOUTHEASTERN KANSAS. Good farm lands. Low prices, very easy terms. Exchanges made. Send for booklet. The Allen County Investment Co., Iola, Kan.

Texas or Illinois. Compared with 1919 the 1920 crop values declined 14.3 per cent in California, 33.6 per cent in Texas and 43.8 per cent in Illinois. The 1921 values, compared with 1920, declined 30.4 per cent in California, 39.3 per cent in Illinois and 40.3 per cent in Texas. The two year drop was 40.9 per cent for California, 60.4 per cent for Texas and 65.9 per cent for Illinois.

Purebred or Thoroughbred?

BY T. W. MORSE

The term "thoroughbred" was in use 30 or 40 years ago to designate purebred animals of any breed. At the same time, it was being used (capitalized as a proper name) to designate a breed of horses. Soon after that, the best authorities discontinued the use of the word "thoroughbred" excepting to designate that breed of horses. At the same time the best authorities adopted the term "purebred" as a better term for designating animals of any breed which were pure in blood. That is, free from any mongrel blood or the blood of any breed other than the breed by which they were known.

This, therefore, should be the rule: To designate any animal whose blood is absolutely all of one breed, use the term "purebred." Associated terms are: "grade," "cross-breed" and "mongrel," indicating respectively, an animal that is part pure and part mongrel; an animal that is partly one pure breed and partly another pure breed, and an animal that, so far as known, contains no pure blood.

The term "Thoroughbred" now properly refers only to a breed of horses of English origin, chiefly used as race horses, or as foundation stock in the breeding of hunters, saddlers and cavalry horses.

## More U. S. Funds for Kansas

From February 6 to 8, the War Finance Corporation authorized 166 advances, aggregating \$5,219,000 for agricultural and livestock purposes, including \$200,000 to farmers and livestock producers in Kansas.

## CUT IN RATES

For Real Estate Advertising

New Rates—  
45c a line per issue on 4 time orders.  
50c a line per issue on 1 time orders.  
(Rate was 75c a line.)

There are 7 other Copper Publications that reach over a million and a half families which are also widely used for real estate advertising. Write for special Real Estate advertising rates on these papers. Special discount given when used in combination.

## KANSAS

LAND producing \$100 to \$1,000 per acre, 5 to 40 acre, payments, \$50 to \$300 down. Send for booklet. The Magnolia State Land Company, Iola, Kan.

40-80-120, all imp., 2 to 8 miles Ottawa. These farms must be sold. Owners will sacrifice, good terms. If you want a bargain come quick. Spangler Land Co., Ottawa, Kan.

160 ACRES, four miles town, 80 cultivation, good improvements. Price \$40 per acre. Write for list and map. Mansfield Investment & Realty Co., Healy, Lane County, Kansas.

## IMPROVED QUARTER—\$3,000

\$800 cash, bal. easy terms. 3 miles from town. Half cultivated. Write for information. Griffith & Baughman, Owners, Liberal, Seward Co., Kansas.

CHASE COUNTY FARM. 195 acres, improved. All tillable. 75 acres in wheat, 75 a. in alfalfa. On Santa Fe Trail, 4 miles from county seat. Bargain price. M. B. Replogle, Cottonwood Falls, Kansas.

GOOD FARM 110 A., 45 a. broke, balance in pasture. Good 6 room house, barn, etc. Close to school. Near county seat Fredonia, Kansas. Bargain at \$6,000. Terms. C. F. Stryken, R. F. D. 2, Fredonia, Kansas.

580 ACRES, Johnson Co., 1 mile town, oiled road to Kansas City, highly improved, wheat, corn, alfalfa, blue grass. Attractive terms or part trade. Other farms. M. S. Murray, 1021 Commerce Bldg., Kansas City, Mo.

BEST IMPROVED FARM EASTERN KAN. Square section, Allen Co. Smooth. 1/2 cult. \$25,000 imp. Adapted registered stock. Price \$80,000. Inc. \$30,000, first loan 9 years. Balance reasonable terms. Might take half good exchange. Write for description and picture. Iola Land Co., Iola, Kan.

## KAW VALLEY POTATO LAND

640 acres improved, 1/2 mile small town on R. I. and U. P. R. R. rented for season. 1/2 crop potatoes, melons, sweet potatoes, alfalfa, corn. One of best producers in valley. Owner will exchange for ranch, some cash and carry back. Pre-war price. Have several cash buyers for ranches. Write us. Hemphill Land Co., Lawrence, Kansas.

THE HOME YOU HAVE ALWAYS WANTED 320 acres rich fine land on oiled road; beautiful drive to K. C. wheat, corn, alfalfa, bluegrass, clover grow to perfection, living water, 6 r. house, large barns, cribs, granary, finely located, near two good schools, school across the road, possession, forced sale; \$95 per acre, attractive terms. Where can you duplicate it? See this farm. MANSFIELD LAND & LOAN COMPANY, 415 Bonfils Bldg., Kansas City, Mo.

## ARIZONA

TWO HIGHLY IMPROVED 20 acre irrigated farms for sale. Ideal for fruit, grape growing, chicken raising. Mild climate. Railroad and highway. L. Walloth, Postville, Ariz.

## ARKANSAS

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

## COLORADO

C. J. ALLISON, HUGO, COLO.

Land of soft water 15 to 30 feet. The alfalfa and corn belt of Colorado. Guaranteed profits if desired.

FOR SALE—160 acre imp. irrigated farm, 1 mile from Lamar, Colo., and milk condenser. Write owner. Roy Cooper, Box 331, Garden City, Kan.

640 ACRES, Cheyenne Co., plenty good water and outside range, only \$25 a., corn making 35 to 50 bushels per acre, graded No. 1 Kansas City market. Small down payment, balance crop payment. We have others from 320 to 640 acres. Write A. N. Mitchem, 468 Gas & Electric Bldg., Denver, Colorado.

## FLORIDA

FOR FLORIDA LAND, wholesale, retail, or exchange, write Interstate Development Co., Scarritt Bldg., Kansas City, Mo.

FOR FLORIDA HOMES, fine groves, farms, ranches, timber tracts, colonization lands, exchanges, investment. Write Boyer & Ward, Kissimmee, Florida.

## MISSISSIPPI

LEVEL PECAN, garden and farm land, ten to fifty dollars. Poormans Cal. A. M. Rayl, Stateline, Mississippi.

## MONTANA

OUR "Own Your Own Farm Plan" will better renters conditions. Booklet free. C. E. Taylor Land Company, Saco, Montana.

BUY A FARM—in the famous Milk River Valley. This valley was once the bottom of the big Missouri river, the richest and most productive soil in the world. You can pay for one of our improved farms with the money you have to pay out as rent in two years in the east. Get our illustrated booklet. It tells you all about it. Farmers Land Exchange, Saco, Mont.

## NEW MEXICO

WELL IMPROVED RANCH, half price. Peter Marek, Arah, New Mexico.

## MISSOURI

LISTEN, 40 acre imp. farm \$1200. Good terms. Other farms. McGrath, Mountain View, Mo.

WRITE FOR FREE LIST of farms in Ozarks. Douglas Co. Abstract Co., Ava, Mo.

FREE LISTS about Ozark farms. Write Roy & Stephens, Mansfield, Missouri.

40 ACRES, nicely imp., 2 miles town, lots fruit, water, wood, \$1,800 or \$2,200 including stock feed. B. R. Waldron, Milford, Mo.

VERNON CO, prairie farms, \$50 to \$100 per acre. Special bargain, 210 acres improved, 2 mi. town on K-S highway. \$75 per acre, 1/2 cash. H. G. Mosher, Schell City, 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.

THREE GOOD FARMS, 85 a., 120 a. and 160 a. 3 miles good county seat and college town, good roads, good soil, good water, bargain prices, liberal terms. West Realty Co., Bolivar, Missouri.

## REAL ESTATE WANTED

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

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

HAVE YOU FARM, city or town property, hotel, rooming house, or business of any kind for sale or exchange? We have many buyers wanting to trade. If you have any property, write at once giving full description. John D. Baker, DeQueen, Arkansas.

## SALE OR EXCHANGE

S. W. MO. farms, bargains. Sale or exchange. A. L. Pemberton Farms Co., Bolivar, Mo.

FARMS and city property, sale and exchange. Write H. A. Lee, Box 216, Nevada, Mo.

FARMS, city property, suburban homes. Sale or trade. Soule & Pope, Emporia, Kansas.

SELL and exchange Franklin Co. land, \$75 a. and up. Lyman Dickey & Co., Ottawa, Kan.

WE HAVE several farms, want mdse. What have you? Franklin Co. Inv. Co., Ottawa, Kan.

RIO GRANDE valley Texas irrigated land and imp. farms for sale or trade. Wm. Lingenbrink, 1454 Pierce Bldg., St. Louis, Mo.

WILL EXCHANGE clear western Kansas land for young cattle, mares or mules. C. G. Cochran & Sons, Hays, Kansas.

APARTMENTS FOR FARMS. Quick exchanges made. Send full details first letter. Mosher Inv. Co., 1025 Scarritt Bldg., Kansas City, Mo.

## FOR SALE OR TRADE

Improved eastern Kansas farms, \$75 up, city property and merchandise. What have you? S. A. E. Moore, Carbondale, Kansas.

1 PUREBRED Belgian stallion, 5 yrs. old. 1 mammoth jack with light points. Exchange for livestock, property or mdse. What have you? R. B. Sickler, Bx. 397, Waverly, Kan.

FOR SALE—1,440 acres, stock and grain farm, 4 1/2 ml. town, Logan Co. 270 a. in wheat. Terms, possession or trade 160, 70 a. in wheat, for good residence, or take 15-30 tractor as part. E. O. Lewis, McAllister, Kan.

HIGHLY IMPROVED Iowa farm, 490 a. in Davis county. 2 sets of improvements; plenty of good water, excellent soil. Owner wants to trade for ranch in Kansas. For full particulars write to Mansfield Investment Co., Lawrence, Kan.

## FOR RENT

FOR RENT—Exceptionally good 500 acres, 100 acres in cultivation. Balance grass. Well improved. Close to market. Good roads. Ralph W. Gardiner, Ashland, Kan.

## WANTED TO RENT

AN EXPERIENCED FARMER wants to rent a farm on share basis; owner to furnish teams and machinery. A. Hollingsworth, 226 W. 15th, Davenport, Iowa.

## MISCELLANEOUS

SELL, BUY OR EXCHANGE, farm or city property, quickly, no matter where. Circular "B" free. Farm Sales Bureau, Barry, Ill.

LAND and improved Ozark farms in Mo., Kansas, Okla. and Ark. Write for list. Four States Realty Co., Joplin, Mo.

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

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 Pacific Bldg., St. Paul, Minn.

FREE GOVERNMENT LANDS—Our official 112-page book, "Vacant Government Lands," lists and describes every acre in every county in U. S.; tells location, place to apply, how secured free. 1922 diagram and tables, new laws, lists, etc.; price 50 cents postpaid. Webb Publishing Co., Dept. 92, St. Paul, Minn.

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Quick Service. Liberal Option.

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TOPEKA, KANSAS.



## Holstein-Friesian Ass'n of Kansas

Has a membership of 500 breeders who own over 7,000 purebred Holsteins. March 22—Kansas State Association Sale, new sale pavilion, Topeka, Kan. June 8-9-10—National Association Sale, Convention Hall, Kansas City, Mo. Walter Smith, Pres., Topeka. W. H. Mott, Sec'y-Treas., Herington, Kan. This section is reserved for members of this association. For rates and other information address, Copper Farm Press, Topeka, Kansas.

**WAKARUSA FARM HOLSTEINS**  
Nicely marked registered Holstein bull calves, some from A. R. O. dams. Price \$35 to \$50. Also three bulls ready for service. Write for description and photo. Reynolds & Sons, Box 52, Lawrence, Kan.

**Corydale Farm Herd Holsteins**  
Bulls old enough for service, from A. R. O. dams at hard time prices. Write for information. L. F. CORY & SON, BELLEVILLE, KAN.

**COWS AND BRED HEIFERS**  
to freshen this fall and early winter, Ormsby and Gilta breeding. J. P. MAST, SCRANTON, KANSAS

**FOR SALE VERY REASONABLE**  
12 cows, 5 two yr. old heifers, 4 yearling heifers, 4 heifer calves 1 to 6 months old. Herd bull, nearest two dams milk 23,000 lbs. Butter 1040 lbs. Other bulls ready for service. R. E. STUEWE, Alma, Kan.

**BRAEBURN HOLSTEINS**  
Service bulls are "out." If you want to save money, buy a calf that won't cost much to move, and raise him yourself. From six months down. H. B. COWLES, 608 Kansas Ave., TOPEKA, KAN.

**REGISTERED HOLSTEINS**  
Bulls 2 months to 16 months old. Price \$25.00 to \$60.00. Sired by a 30 pound bull, dams heavy milkers. State age of bull wanted when writing. V. E. CARLSON, FORMOSO, KANSAS

### HOLSTEIN CATTLE

#### Shungavally Holsteins

We are offering two extra fine young bulls ready for service, dams Walker Copia Champion daughters with both 7 days and 10 months record as two year olds, 461.21 pounds butter, 11513.2 pounds milk and 532.27 pounds butter, 11052 pounds milk respectively. One dam has freshened as a two year old with 25.48 pounds butter and 442.7 pounds milk in 7 days. IRA ROMIG & SONS, TOPEKA, KAN.

#### Purebred Holstein Bulls

Yearling grandsons of King Segis Pontiac, nicely marked, smooth, large framed, and from heavy milking cows, also some 6 to 8 months old. Government inspected and priced to sell quickly. VALLEY VIEW STOCK FARM, J. A. Reed, Lyons, Kan., Route 2.

**TURKEY CREEK FARM HOLSTEINS**  
For Sale: Columbine Pontiac Ormsby Fobes 361547. Born May 17, 1921. Almost white. Individually right. Sire, Sir Pieterje Ormsby Fobes 197211, the grand champion son of Sir Pieterje Ormsby Mercedes 37th. TURKEY CREEK FARM, COLORADO SPGS, COLO. Chas. C. Wilson, Mgr. Box 152.

**HOLSTEIN & GUERNSEY CALVES**, 7 weeks old, 81-92nds pure, \$25 ea. shipped C.O.D. Reg. Holstein bull calves \$45. Edgewood Farms, Whitewater, Wis.

### GUERNSEY CATTLE

**GUERNSEYS—CHOICE BULLS**  
For sale. Herd under federal supervision. George M. Newlin, Hutchinson, Kansas.

### HEREFORD CATTLE

#### Western Kansas Bulls

100 Hereford bulls, yearlings and two years old. 50 Shorthorn bulls, same ages. Part of them at Fort Collins, Colo., and the rest at the home ranch Hays, Kan. Write at once for descriptions and prices. C. G. COCHRAN & SONS, HAYS, KAN.

**One Reg. Hereford Bull**  
For sale. MORRIS LOWE, ERIE, KANSAS.

### POLLED HEREFORD CATTLE

#### Double Standard Polled Herefords

Write us if you are interested in the best in Polled Herefords. We are offering bulls, eight to 16 months old. Most of them by the famous Polled Harmon. Six Polled Hereford bulls have won first at state fairs, showing against horned cattle, and three of them are owned by us. Would spare a few young heifers. Goernandt Bros., Aurora, Cloud Co., Kan.

#### 20 Reg. Polled Hereford Bulls

and 20 one and two-year-old heifers for sale. If you need a herd bull don't fail to see this herd. R. H. LANGHOFER, HERINGTON, KAN.

## 400 Reg. Herefords At Auction

In Sales Pavilion  
Emporia, Kan., Saturday, February 25, 1922

Consisting of 4 herd bulls, 27 two-year old bulls, 170 young cows, 38 one-year old bulls, 28 two-year old heifers, 35 one-year old heifers. Free, 93 CALVES WITH COWS. Many more calves by sale day.

Blood lines strong. Beau Blanchard, Point Comfort, Beau Donald, Perfection. These cattle will sell in lots of 5 to 25 to suit the purchaser. The cattle are in good breeding condition and we expect them to sell cheap.

**Southard Sales System, Comiskey, Kansas, Managing Sale**  
**L. A. Brown, Owner**

**SOME CHOICE BRED HEIFERS**  
Bred to our junior sire, a son of King Segis Pontiac Count. Bull calves from this sire at attractive prices. Ask for photos and breeding. W. H. MOTT, HERINGTON, KANSAS

**BULLS—2 WEEKS TO YEARLINGS**  
by King Segis Pontiac Repeater by King Segis Pontiac and out of A. R. O. dams. 2 bulls are out of my state record cow, Lillian Korndyke Sarcastic. T. M. EWING, INDEPENDENCE, KANSAS

**YOUNG BULL**  
nearly ready for service by a 30 pound sire and out of a 20 pound two year old dam. A bargain if you write soon for photo and price. W. E. ZOLL, RT. 6, LEAVENWORTH, KANSAS

**KING PONTIAC MUTUAL SEGIS**  
Bulls, calves to long yearlings. Priced right. Raised everything offered for sale. Tuberculin tested herd. Herd sire, King Pontiac Mutual Segis by the great King Segis Pontiac. Cleland & Williams, Hiattville, Kan.

**SONS AND GRANDSONS**  
of Vanderkamp Segis Pontiac for sale. Vanderkamp Segis Pontiac is Kansas' leading sire of production. Buy bulls priced right from an accredited herd. COLLINS FARM COMPANY, SABBETHA, KAN.

**BULLS—WE HAVE TWO**  
ready for service, out of high producing A. R. O. dams. Low price. WALTER A. SMITH, RT. 1, TOPEKA, KANSAS

### JERSEY CATTLE

#### HILLCROFT FARMS JERSEYS

Imported and Register of Merit Jerseys. Choice bull calves for sale. Also registered Durocs. M. L. GOLLADAY, PROP., HOLDEN, MO.

**High Class Registered Jersey Cows**  
Exceptional values, young cows 2 to 8 yrs. Some have large register of merit records. Others on test now. Many state fair winners. Also some good young bulls 3 to 18 mos. old. Inspection invited. R. A. GILLILAND, DENISON, KANSAS

**Scantlin Jersey Farm, Savonburg, Ks.**  
Financial Kings, Raleigh and Noble of Oakland breeding.

**REGISTERED JERSEY BULL CALVES**  
Superior bred. Longview breeding. Priced reasonable. A. H. Knoepfel, Colony, Kan.

**JERSEY BULLS**, October to yearlings. Hood Farm breeding. Selling so you can handle them. Percy Lill, Mt. Hope, Kansas.

### HORSES AND JACK STOCK

**ONE PERCHERON HORSE FOR SALE**  
Sedour 87537. Black, 10 years old. Wt. 1900 pounds, also one Black Jack, same age about 15 hands and wt. 1100. Also 6 young jacks 6 mos. to 2 yrs. old. HARRISON MEYER, BASEHOR, KANSAS

**Jacks and Jennets For Sale**  
Very high grade registered animals from the Monsees herd of jacks near Sedalia, Mo. Also very fine registered Percheron horse. Address JOHN H. RUST, PARSONS, KAN.

**For sale, one extra fine large Brown Registered Percheron Stallion**  
5 years old, weight ton, also one black reg. mammoth jack, 15 hands, 3 years old. S. RICKER, JR., RT. 1, ELLINWOOD, KAN.

**Six Sound, Ton Breeding Stallions**  
7 reg. jacks (own raising). Colts and mules to show, very choice stock with size and weight, desirable ages, dark colors. GEO. SCHWAB, CLAY CENTER, NEB.

**Mammoth Black Jack**  
For sale. 16 hands. 7 years. Will trade for cattle or cash. BUELL OBERHOLSER, BURDICK, KAN.

**One Dark Bay Reg. Percheron Stallion**  
For sale. Park & Duke, Elmdale, Kansas.

**Reg. Percheron Stallion and Jack**  
For sale. J. E. RICKLIS, TROY, KAN.

**EXTRA LARGE Percheron Stallions**  
at farmers prices. Chas. Reece, Hopewell, Kan.

**FINE LARGE BLACK STANDARD BRED**  
and two fine large black saddle bred stallions, \$400 each, cash only. H. G. Shjre, with August Clothing Co., Topeka, Kansas.

## Sale Reports and Other News

### Tri-County Shorthorn Association

The Kansas Tri-County Shorthorn Breeders' association was formed during Farm and Home Week meetings at the Kansas State Agricultural College, Riley, Pottawatomie and Wabunsee counties are its territory. Plans for the coming year include establishment of more calf clubs. The association already has started one at Riley, Kan. The following officers were elected: President, Ed J. Otto, Riley; vice-president, Fred O'Daniel, Westmoreland; second vice-president, Fred Gerlach, Alma; secretary-treasurer, C. E. Auel, Manhattan.

### Nevius & Son's Sale Averaged \$60

C. S. Nevius & Son of Chiles, Kan., held one of the successful Poland China sales held in Kansas this spring. On February 14 they sold 55 head of mostly spring and fall yearling gilts at the above average. The top price was paid for lot 15 in the catalog, going to the good herd of Harry Wales of Peculiar, Mo., for \$85. The prices ranged very even. Nothing sold below \$50. The offering was a good lot of useful breeding stock and the keen competition was for sows or gilts bred to the great herd boar, King Kole Leader. This young hog has many admirers and promises to be one of the leading boars in Kansas.

### New Shorthorn Breeders' Association

Writing as secretary of the Short Grass Shorthorn Breeders' association, Earl F. Stout of Studley, Kan., reports a membership of 18 with herds totaling 200 registered cattle. There is no surplus of Shorthorns in this section as the supply of good cattle feed is already in excess of demand and the prospects are that many wheat fields will have to be planted in the spring to silage, grain and forage crops, which will still further increase the demand for good livestock. Naturally there is a good and growing interest in livestock and Secretary Stout says calf club or pig club workers will find a favorable field. A. B. Shoemaker of Lucerne is president of this association and J. A. Miller of Quinter, vice president.

### Lambert & Weatherwax Sale

Lambert & Weatherwax of Beaver City held their postponed Duroc sale at Beaver City, February 11. This was the first sale for each of these. They put up an extra well bred offering and the demand was the strongest I ever saw. One of the largest crowds of the season was in attendance and bidding was spirited from the start to the finish. Forty head were sold in a very short time at an average of \$66.10 a head, which was very satisfactory to each of these breeders. The sale was a very even one from start to finish. The top was \$115 and only one animal selling under \$50. On account of the rapidity of the sale I was unable to get the names of the purchasers. The offering was sold to a very large number of different purchasers.

### Warren Moore's Duroc Sale

Kansas took a number of the sows from the Warren Moore sale at Loomis, Neb. Ten head went to the Zink Farm, Turon, Kan. Uneda High Orton 2nd, the boar that stands at the head of the Moore herd, is a sire of many Kansas champions and Kansas is wanting some more of his good products. The top of the sale was number 7, a Sensational bred sow that went to the Zink Stock Farms at \$202.50. The 45 head sold for an average of almost \$57 per head. The following is a list of representative sales: J. C. Pomeroy, Holdrege, Neb., \$75; Zink Stock Farms, Turon, Kan., \$202.50; Roy Danielson, Holdrege, Neb., \$55; Moore Bros., Bartley, Neb., \$50; Ortel Linninger, Fairfax, Mo., \$77.50; Ed Harmon, Bertrand, Neb., \$50; L. T. Brookings, Funk, Neb., \$30; T. J. Shafer, Funk, Neb., \$56; Fred Druker, Eustis, Neb., \$50; O. E. Garner, Funk, Neb., \$55; J. C. Forney, Beaver City, Neb., \$55; A. B. Unland, Beaver City, Neb., \$40.

### W. H. Hills's Poland China Sale

W. H. Hills, Milo, Kan., sold a draft of Poland China bred gilts at Beloit, Kan., last Tuesday for an average of \$52.24. Two of the offering were tried sows and the rest were last spring gilts. It was a good offering and well received by the breeders and farmers who attended. Among the breeders who bought were the following: R. A. McAlroy, Randall, Kan.; J. L. Griffiths, Riley, Kan.; Grant Crawford, Lincoln, Kan.; Louis Heller, Hunter, Kan.; Lee Loy, Barnard, Kan.; Harry Hayman, Formoso, Kan.; Chas. Penton, Hunter, Kan.; C. F. Loy & Son, Barnard, Kan.; Geo. Loy, Barnard, Kan.; Bert Saint, Jewell, Kan.; Wint Kyle, Manokato, Kan.; Harry Shearer, Logan, Kan.; Wm. Hart, Barnard, Kan.; A. W. Cunningham, Formoso; O. Hurlock, Lincoln; H. I. Myers, Milo, and a number of others. The attendance of so many breeders and farmers from the vicinity of Milo and Barnard, Mr. Hills's home, was a splendid tribute to his popularity as a breeder. It was a good offering.

### A. J. Hanna's Duroc Sale

A. J. Hanna's Duroc Jersey bred sow sale at Burlington, Kan., Wednesday, February 15, was attended by quite a number of breeders looking for something good and a good attendance of Osage county farmers. In fact they were there from the counties adjoining. The roads were good and they came in cars. Forty head sold for an average of a little over \$52. The offering, consisting of fall yearlings and spring gilts, will stand as one of the best of the season and I am not sure but what if facts were available it would stand as the best offering sold this winter. Numbers 27, 28 and 29 were three March 12 gilts that would easily average in weight 400 each. They were by Crimson Pathfinder and out of a King's Col. 40th dam. Number 27 went to J. B. Bronson, Topeka, for \$122.50; number 28 went to C. C. Witmer, Topeka, for \$75; number 29 went to O. H. Doerschlog, Topeka, for \$75. The sale was full of very classy gilts, both fall and spring farrow. The offering was bred to The Sensation, a very tippy, promising individual, sired by Wonder's Sensation by Major Sensation. His dam was a Great Wonder Giant sow.

**The Willson-Davison Polled Shorthorn Sale**  
T. M. Willson's Spring Brook stock farm sale of Polled Shorthorns at the farm south of Lebanon, Kan., last Monday was hurt some by the cold weather but a good crowd was there anyway. It was a dispersion sale of the herd as Mr. Davison, Mr. Willson's partner in the cattle was retiring from the business. Mr. Geo. Hammond of Smith Center and R. L. Taylor of the same place who are neighbor breeders were consigning with them and it was a real offering of cattle. Possibly there should have been a little more highly conditioned to sell well but they were in good breeding form. Forty-five head averaged \$90.40. Of this number 22

were bulls and they averaged \$88.50. Among the breeders from a distance who attended were: Geo. Yoest, Downs; R. H. Hanson, Jamestown; J. G. Hickson, WaKeeney, Kan.; Wm. Lutz, Ellis, Kan.; F. H. Hull, Manhattan, Kan.; F. M. Swihart & Sons, Webber, Kan.; W. P. Hays, Plainville, Kan. Mr. Willson is retaining his private herd on his other farm near Lebanon and will continue in the business at that place. Mr. Davison expects to locate where he can send his boys to high school and would consider a deal such as he had with Mr. Willson.

### W. A. and Jas. Conyers Had a Fair Sale

W. A. Conyers and Jas. Conyers, Marion, Kan., combined Duroc offering sold Feb. 10. The 35 head averaged \$48. Eighty dollars was the top. F. H. Boch, Wichita, paid that for a tried sow by Maplewood Pathmaster out of a Cherry Chief dam bred to High Pathfinder. Geo. Kretzberger, Marion, paid the same amount for a tried sow by Cherry Chief Genius out of a Model Top dam bred to Maplewood Scissors. The five tried sows averaged \$69.50. Five spring yearlings averaged \$40. Five fall yearlings averaged \$50 and 20 spring gilts averaged \$45.00. In the purchase of this offering 25 different farmers and breeders took part. While many more made bids but did not succeed in buying. Following are representative sales: Gilt, W. A. Reid, Marion.....\$40.00 Gilt, O. G. Criss, Agricola.....37.50 Gilt, O. M. Morse, Marion.....45.00 Gilt, A. C. Gaede, Hillsboro.....45.00 Gilt, Chas. Elliott, Marion.....45.00 Fall gilt, H. Minton, Marion.....65.00 Spring gilt, O. A. Homán, Peabody.....45.00 Fall gilt, L. Loewen, Hillsboro.....47.50 Fall gilt, Oliver Harmon, Marion.....45.00 Fall gilt, F. K. Bezak, Marion.....45.00 Fall gilt, Wm. Summerville, Marion.....47.50 Spring gilt, Mart Wagner, Florence.....37.50 Spring gilt, Ben Sanders, Marion.....35.00 Spring gilt, O. M. Myers, Marion.....37.50 Tried sow, R. Ray, Marion.....47.50 Spring gilt, G. F. Kline, Marion.....52.50 Spring gilt, A. O. Venburg, White City.....55.00 Spring gilt, J. F. Martin, White City.....52.50 Spring gilt, J. E. Lowther, Marion.....37.50 Spring gilt, J. H. Lipkpe, Hillsboro.....32.50 Tried sow, Geo. Kretzberger, Marion.....80.00 Tried sow, B. W. Conyers, Severy.....62.50 Spring gilt, Al Lehman, Marion.....45.00 Tried sow, W. H. Beck, Wichita.....80.00 Tried sow, J. W. Conyers, Marion.....67.50

### Pratt County Duroc Sale

Pratt county raises lots of wheat but seemingly intends to raise more and better hogs. With few exceptions the consignments at the Feb. 11 Association sale of Durocs at Pratt were of very desirable quality and sold at good prices. On short notice C. C. Horn, Stafford, Kansas, substituted as auctioneer for Boyd Newcom who became very ill with pneumonia. Thirty-four females averaged \$72.50. The top was a spring gilt, sister of 1921 grand champion Sensational Pilot consigned by G. M. Shepherd, Lyons, Kan., that went to Dean Bailey, Pratt, Kan., for \$220. The average on 19 spring gilts was \$81.00. The second top price was \$150 paid by C. M. Childs, Pratt, Kansas, for a fall yearling consigned by G. M. Shepherd. The average on three fall yearlings was \$106.00. Five tried sows averaged \$54.50. Seven July gilts averaged \$44. Two spring boars averaged \$28.00. Twenty-four buyers took the offering. Six boys enrolled in the vocational agriculture department of the Pratt high school at this Duroc Association sale last spring bought a gilt each. In the recent sale 9 gilts from these sows were consigned and sold at very remunerative prices. The boys have the original gilts, 14 spring gilts and a number of boars on hand. The hogs were bought for use in project work. Incidentally the boys are making money out of purebred hogs, as well as getting practical training out of their agricultural projects. Dean Bailey, who bought the top hog at \$220, is

### HORSES AND JACK STOCK

#### Administrator's Sale of Percherons

I, the undersigned, having been duly appointed administrator of the estate of the late Henry Basinger, deceased, will offer at Public Auction on March 23, 1922, at 2 P. M. at the barn of the deceased in the village of Missler, Meade Co., Kansas, three pure bred serviceable Percheron stallions and two pure bred Percheron mares. All registered with the Percheron Society of America. Do not forget the date. Write for particulars and catalog. EPHRAIM BASINGER, Administrator, Missler, Meade Co., Kansas

#### 35 Head of Registered Jacks

as good as grows, by Grand Champions at Southern State shows, 2 to 7 yrs. old, 15 to 16 hands high, 9 to 10 inch bone used in our stables last season, can show colts. Few Belgian and Percheron Stallions. This stock must be sold in next 60 days. We have what we advertise. Can ship over Santa Fe, Mo. Pac. and Frisco. J. P. MALONE, LYONS, KANSAS M. H. MALONE, CHASE, KANSAS

#### Ten Percheron Stallions

All registered. Priced from \$200 to \$500. Some broke to harness. Blacks and greys. No better breeding or individuals. Included in this offering are the 3d and 4th prize winners in the aged stallion class at the last Kansas National, Wichita, Kan. Briggs or Emmett Creek Sta. on the A. V. I. R. between Wichita Hutchinson and Newton, Kan. A. H. Taylor & Son, Sedgwick, Kansas

#### 35 Mammoth Jacks

Big heavy bone, black jacks, 15 and 16½ hands, weight up to 1200 pounds, 3 to 5 years old. Guaranteed. We have colts to show you. High class Percheron mares and fillies and young stallions. Al E. Smith, Lawrence, Kan.

**REG. BLACK PERCHERON STALLION**  
and reg. jack, fifteen and half hands, for sale. Fred Kean, Abilene, Kansas

**REGISTERED BLACK PERCHERON**  
stallion 125589, 7 years old, for sale. Mrs. Mayme Freed, Rt. 3, Courtland, Kan.

**MUST SELL JACK 5 YEARS OLD**  
Guaranteed, 15½ hands. Colts to show. Carl Hoehn, Lenexa, Kansas



## SHORTHORN CATTLE.

### Exchange Your Surplus Bulls for Reg. Females or Bulls

Will buy or trade for your bulls or handle them on commission. We can furnish well bred Shorthorn or Hereford bulls in single lots good enough for real herd headers or in carload lots. Nine months time given to any person furnishing bank references. Our motto: "A Purebred Bull On Every Farm."

REGISTERED LIVESTOCK SALES CO.  
Room 43, Exchange Building,  
Wichita, Kansas  
Park E. Salter—Shorthorns.  
W. R. Brush—Herefords.

### 1886 1921 Tomson Shorthorns

Sires in Service  
Village Marshall Marshall's Crown  
A remarkable collection of breeding cows of most approved blood lines and noted for their uniform thick fleshing qualities. We offer a choice lot of young herd bulls of the correct type sired by Village Marshall and Marshall's Crown. Closely related to our prize winners. Address  
**TOMSON BROS.**  
WAKARUSA, KAN., OR DOVER, KAN.

### SHORTHORNS

Shorthorn herd bulls for sale. A number of choice young bulls and Idlewild Rex by Royal Rex 3rd, a select lot of females, and a number of Duroc bred gilts. Write or visit

EDWARD F. GEHLEY, ORLEANS, NEBR.

### Shorthorn Bulls

Reds, whites and roans. Scotch and Scotch topped. Write your needs and come and see us.  
**C. W. TAYLOR, ABILENE, KANSAS**  
Dickinson County

### ROAN SCOTCH SHORTHORN BULLS

13 to 15 months old. One Butterfly, one Matchless and one Secret. All by Royal Marshall by Village Marshall. Write for prices and full descriptions.  
**S. B. AMCOATS, CLAY CENTER, KANSAS**

### Either Roan or White

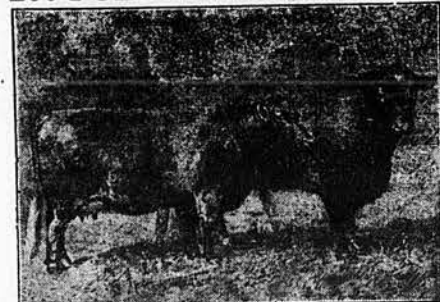
Sons of Meadow Sultan. Both good herd bulls. Also good young bulls by the roan bull. Bargains in these real herd bulls.  
**A. I. MEIER, ABILENE, KANSAS**

SCOTCH BULLS—MILKING SHORTHORNS  
Sires: Gloster Cumberland, Dale Cumberland, out of Dale's Challenger, Cruickshank Lavender and Maxwell dams. L. E. WOODERSON, Caldwell, Kan.

REGISTERED SHORTHORN BULLS  
of good breeding and quality for sale.  
**H. G. Brookover, Eureka, Kansas**

## POLLED SHORTHORNS.

### 200 POLLED SHORTHORNS



Two great grandsons of Whitehall Sultan. Grand Sultan and Sultan's Pride heads herd. Stock for sale at all times. \$75.00 up. Phone 1602.

**J. C. BANBURY & SONS, PRATT, KANSAS**

## POLLED SHORTHORNS

Both bulls and females for sale at prices according to times. **C. M. HOWARD & SONS, HAMMOND, KAN.**

## GLENROSE LAD 506412

the best dairy Shorthorn bull in the west. We can't use him longer. For description and price address  
**W. M. Anderson, Beloit, Kansas.**

### LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

**BOYD NEWCOM, Auctioneer**  
217 Beacon Bldg., Wichita, Kan.

**Jas. T. McCulloch, Clay Center, Kan.**  
My reputation is built upon the service you receive. Write, phone or wire.

**Vernon Noble, Auctioneer**  
Mahattan, Kan. Livestock and Real Estate.

**HOMER BOLES, RANDOLPH, KANSAS**  
Purebred stock sales, land sales and big farm sales. Write or phone as above.

**SUTTER LAND AUCTION CO., Salina, Kan.,**  
can turn your land and livestock into immediate cash. Bank reference by return mail.

## CHESTER WHITE HOGS

**Chester White Tried Sows**  
For Sale—by Buster 92135 bred to My Model 88375. Spring Gilts by My Model, bred to Kansas Chief 112573 for March and April farrow. All recorded.  
**G. A. SANBORN, EDMOND, KANSAS**

## CHESTER WHITE BRED SOWS

Fall yearling and spring gilts sired by "Alfaifa Model," an 800 pound boar, bred to Wiemers' Choice, by Tichota's Choice, for March and April farrow. Immature. Crates and papers furnished. The big type. Will ship on approval. Write for circular.  
**Alpha Wiemers, Diller, Nebraska**

one of the boys. Edgar Martin is instructor of the class. Following are representative sales:

Gilt, M. Childs, Pratt, Kan.....	\$150.00
Gilt, Dean Bailey, Pratt, Kan.....	220.00
Gilts, Otto Bergner, Pratt, Kan.....	65.00
Gilt, John McKibben, Preston, Kan.....	67.50
Gilt, Geo. Russell, Stafford, Kan.....	67.50
Gilt, Leland Scroggin, Pratt, Kan.....	87.50
Gilt, J. R. Cooper, Preston, Kan.....	102.50
Gilt, Fred Jenkins, Stafford, Kan.....	62.50
Gilt, Frank Jenkins, Pratt, Kan.....	62.50
Sow, E. D. Omo, Pratt, Kan.....	47.50
Gilt, Wm. Blackford, Byers.....	72.50
Gilt, C. E. Arnold, Cullison.....	62.50
Gilt, A. V. Finchman, Pratt.....	72.50
Sow, Sam Woolfolk, Pratt, Kan.....	50.00
Sow, Joe Leland, Pratt, Kan.....	42.50
Gilts, C. N. Bidding, Pratt, Kan.....	50.00
Gilt, W. H. Kronk, Pratt, Kan.....	42.50
Gilt, W. D. Grunstedt, Haviland.....	42.50
Gilt, W. F. Davis, Pratt, Kan.....	42.50
Gilt, A. F. Eads, Cullison.....	85.00
Gilt, Floyd Moon, Pratt, Kan.....	60.00
Gilt, Mr. Hall, St. John, Kan.....	80.00
Sow, E. C. Minor, Cullison.....	85.00
Boar, E. C. Blinford, Haviland.....	20.00
Boar, B. E. Holmes, Medicine Lodge	37.50

## H. B. Walter &amp; Son's Poland China Sale

On February 7 a large crowd of breeders and farmers attended H. B. Walter & Son's sale of Poland China bred sows at Bendena, Kan., and were especially well pleased with Bendena Giant, the rest of the herd boar battery, and the offering of real bred sows. The buyers paid an average of \$71.39 for the offering. Following is a list of representative sales:

J. E. Wells & Son, Prairie View, Kan.,	\$150.
Edward McBride, St. Joseph, Mo.,	\$78.
R. S. Dowell, Hiawatha, Kan.,	\$72.50.
R. E. Warkington, Bartley, Neb.,	\$130.
James C. Dawe, Troy, Kan.,	\$82.50.
Perle Godfrey, Bendena, Kan.,	\$52.50.
Floyd E. Walter, Rydal, Kan.,	\$50.
J. H. Lomax, Leona, Kan.,	\$70.
Albert F. Albers, Bendena, Kan.,	\$65.
Geo. E. Smith & Son, Agenda, Kan.,	\$75.
Lawrence R. Ricklefs, Troy, Kan.,	\$65.
S. M. Wynkoop, R. 5, Troy, Kan.,	\$70.
George W. Corbet, Leona, Kan.,	\$58.
Westhoven Brothers, Liberty Center, Ohio,	\$100.
J. Rahe & Sons, Waterville, Kan.,	\$96.
J. E. Wells & Son, Prairie View, Kan.,	\$90.
Martin Holzhey, Bendena, Kan.,	\$56.
C. B. Schrader, Clifton, Kan.,	\$75.
James C. Dawe, Troy, Kan.,	\$73.
J. L. Griffiths, Riley, Kan.,	\$62.50.
Albert F. Albers, Bendena, Kan.,	\$59.
Willard E. Moore, Kanopolis, Kan.,	\$82.50.
Herman Groninger & Sons, Bendena, Kan.,	\$62.
C. F. Loy & Sons, Milo, Kan.,	\$60.
T. Torkleson, Everest, Kan.,	\$63.
George W. Corbet, Leona, Kan.,	\$51.
S. M. Wynkoop, R. 5, Troy, Kan.,	\$60.
G. A. Bahr, Wathena, Kan.,	\$55.
A. W. Jones, Bendena, Kan.,	\$60.
J. E. Baker, Bendena, Kan.,	\$65.

## Fulks Sold on a Windy Day

Wm. Fulks, Langdon, Kan., sold Durocs Feb. 8. A 54-mile wind blew the sale tent down shortly before noon and at sale time the hogs were driven one by one into the driveway of a small barn where Col. Newcom perched in a manger and sold the hogs as they wandered in and out among the feet of those who were able to press into the barn. In spite of all the handicaps prevailing it was a decidedly successful sale. The 44 sows and gilts averaged \$55. The top was a fall yearling by Perfect Wonder out of a Scissors Defender dam bred to Pathfinder Jr. that went to G. G. Rallsback, Langdon, Kan., for \$92.50. The second top was a fall yearling by Uneeda High Orion out of a Grimson Illustration dam at \$80 to Roy Cranston, Langdon, Kan. The one spring yearling brought \$62.50. The 7 fall yearlings averaged \$70 and the 33 spring gilts averaged \$51, the top of spring gilts being \$70, going to Carl Jones, Penalosa, Kan. This was a Perfect Wonder gilt. The 44 head sold were distributed to 24 different buyers. Among the transactions were the following:

Gilt, G. G. Rallsback, Langdon, Kan.,	\$92.50
Gilt, W. C. Dodds, Wichita, Kan.,	75.00
Gilt, R. C. Smith, Sedgewick, Kan.,	75.00
Gilt, Julius Baker, Langdon, Kan.,	50.00
Gilt, Carl Jones, Penalosa, Kan.,	70.00
Fall gilt, E. G. Hoover, Wichita, Kan.,	62.50
Fall gilt, M. I. Brower, Sedgewick.....	60.00
Fall gilt, Geo. Fincham, Pratt, Kan.....	65.00
Gilt, B. Ellsworth, Langdon, Kan.....	45.00
Gilt, C. B. Meyers, Plevna, Kan.....	47.50
Gilt, Cecil McAtee, Langdon, Kan.....	45.00
Gilt, Clyde Altenread, Partridge, Kan.....	42.50
Gilt, T. R. Medsker, Langdon, Kan.....	62.50
Sow, Harry Sullivan, Haven, Kan.....	65.00
Fall gilt, Roy Cranston, Langdon.....	80.00
Gilt, Roy Taylor, Turon, Kan.....	45.00
Gilt, A. Williams, Preston, Kan.....	45.00
Gilt, J. H. Holmes, Langdon, Kan.....	55.00
Gilt, Glen Lamont, Turon, Kan.....	52.50
Gilt, Raymond Nelson, Turon, Kan.....	60.00

## Zinks Had a Good Sale

Thirty-four sows and gilts averaged \$67.20. Twenty-seven buyers from driving distance took the 34 head. Twenty of the 27 buyers bought one head each. Sows sold exceedingly well in comparison with gilts which is rather unusual in an auction sale. The top was a spring yearling by Maplewood Pathmaster out of a Royal Grand Wonder sow bred to Great Sensation Wonder that went to E. G. Hoover, Wichita, Kan., for \$210. The three spring yearlings averaged \$110.50. Top tried sow was a three year old by Uneeda High Orion out of Z's Frances bred to Great Sensation Wonder that went to G. G. Rallsback, Langdon, for \$120. Another tried sow, a three year old by Kansas Critic out of Big Girl went for \$107.50 to P. F. McAtee, Langdon. The average on the seven tried sows was \$78.25. The top fall yearling was by Victory Sensation 3d out of Z's Frances 2nd at \$77.50 to G. G. Rallsback, Langdon. Average on the 21 fall yearlings was \$58.50. The four spring gilts averaged \$52.50. Following are other representative sales:

Sow, G. I. Dooley, Turon, Kan.....	\$67.50
Sow, Jesse Harper, Callista, Kan.....	80.00
Sow, W. B. Ream, Turon, Kan.....	75.00
Sow, Lawson Watson, Turon, Kan.....	42.50
Sow, Ora Hobbs, Turon, Kan.....	67.50
Sow, J. H. Wood, Turon, Kan.....	75.00
Sow, Joe Rosaker, Stafford, Kan.....	67.50
Sow, R. C. Smith, Sedgewick, Kan.....	62.50
Sow, M. I. Brower, Sedgewick, Kan.....	62.50
Sow, E. R. Nelson, Turon, Kan.....	62.50
Sow, G. M. Childs, Macksville, Kan.....	57.50
Sow, F. H. Crandall, Pratt, Kan.....	75.00
Sow, Joe Shaffer, Pratt, Kan.....	47.50
Sow, L. W. Doran, Macksville, Kan.....	47.50
Fall gilt, E. E. Weightman, Sylvia.....	47.50
Sow, Ed Conley, Turon, Kan.....	47.50
Sow, Carl Guthridge, Haviland.....	55.00
Fall gilt, Roy Crabtree, Langdon.....	47.50
Fall gilt, C. L. Marum, Turon.....	47.50
Sow, J. P. Dodd, Pretty Prairie, Kan.....	47.50
Fall gilt, H. R. Cunningham, Haviland	57.50
Spring gilt, T. W. Girst, Sylvia, Kan.....	45.00

## People are Learning

That among the best places in the West To Buy Shorthorns are the official auctions of the Shawnee Co., Kan., Association whose

### Next Public Sale Will Be Held

## Topeka, Kan., March 15

At the new livestock judging pavilion on the Free Fair Grounds adjoining the city. The offering is fully up to the high standard this association has set and includes

### 33 Females—Foundation Material 10 Bulls—Of Superior Quality

To this offering, of the sort which is fast building up interest and profits in the farm production of this world wide farmers breed, well known breeders contribute as follows:

Tomson Bros. 12, H. H. Holmes 6, H. E. Huber 6, Barrett & Land 10, James Pringle 3, Adam Becker & Son 4, Frank Buchheim and Newton Willard one each.

Remember this offering is from the herds of a county that has been among the leaders in Kansas Shorthorn production for 40 years, and which now puts out, annually, probably more Shorthorn herd bulls and show animals than any other county of the state.

NOTE THAT animals in the sale are sired by such bulls as grandsons of White Hall Sultan, sons of Villager, Impt. Bapton Corporal and by or bred to such widely known sires as Cumberland Marshall, Count Valentine 2nd, Cumberland Champion, Imperator, Marshall's Crown, etc.

THE CATALOG will prove a source of deep interest and a mine of information to all Shorthorn inclined and to all seeking a practical, interesting way of protecting themselves against low prices on farm products. Be sure to send for this catalog. Mention this paper and address

**Frank Blecha, County Agent, Topeka, Kan.**

## Missouri and Kansas Polled Shorthorn Breeders' Ass'n Sale

Fine Stock Pavilion,  
Kansas City,  
Thurs., March 16

Consignors: Wenger Bros., Versailles, Mo., 18 head, 12 F., 2 B.; Walter Cline, Versailles, Mo., included in above; D. B. Thleman, Higginsville, Mo., 3 head, 2 F., 1 B.; C. A. Berggren, Green Ridge, Mo., 3 head, 2 F., 1 B.; R. M. Moody, Lenexa, Kan., 3 head, 2 F., 1 B.; D. F. Richardson, Boyle, Kan., 10 head, 5 F., 5 B.; W. A. Prewett, Asherville, Kan., 4 head, 2 F., 2 B.

R. M. MOODY: Two heifers and one bull, all junior calves, by Golden Rule, a grandson of Roan Hero; Two "Elizas," and one "Princess Royal," both Scotch tribes.

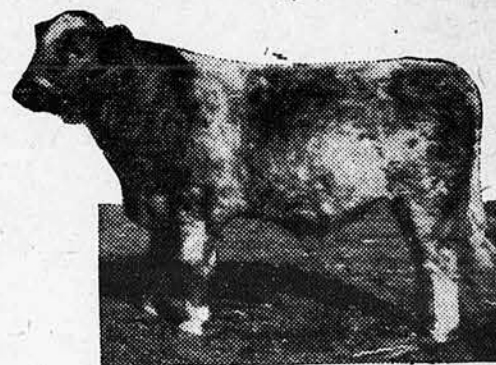
C. A. BERGGREN: Two cows, one by Abbottsburn Goods, a grandson of Ravenswood Choite, the other by Scotch Sultan, a grandson of Sultan's Creed. The bull is by Scotch Sultan and out of a granddaughter of Imp. Rosie 17th by Scotch Victor, bred by Wm. Duthie. The dam is a granddaughter of Maxwellton Rosedale. One of the cows has a red c. c. at foot.

D. F. RICHARDSON: His five females include two daughters of Royal Superb, one daughter of Golden Reveler, one by Golden Chimes, and one by Early Champion. There will be four calves at foot by sale day. The five bulls are by Early Champion, Golden Chimes and Sunny Sultan, the latter being out of a "Kora" dam from Achenbach Brothers and sired by Meadow Sultan.

W. A. PREWETT: Two females and one bull, all by Gloster's Leader, a Scotch-bred bull. One two-year-old heifer by Meadow Sultan and out of a "Duchess of Gloster" dam. Please mention this paper.

Request Catalogs of R. M. Moody, R.F.D. 1, Lenexa, Kan.  
P. M. Gross, Auctioneer.

O. Wayne Devine, Fieldman.



## RED POLLED CATTLE

### You Can Buy Red Polled Bulls

of serviceable ages from the Springdale herd with quality and breeding priced as a dispersal sale. Also choice matrons and heifers. Write for descriptions and prices to T. G. McKINLEY, ALTA VISTA, KAN.

**Choice Red Polled Bulls and Females**  
All ages. From our accredited herd. Shipped on approval. Schwab & Son, Clay Center, Neb.

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

**FOSTER'S RED POLLED CATTLE**  
A few choice young bulls.  
C. E. Foster, Route 4, Eldorado, Kan.

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

## RED POLLED CATTLE

### 10 RED POLLED BULLS

Priced \$75 to \$100. First check gets choice. Guaranteed breeders. Will price few cows and heifers reasonable. **R. C. Brownlee, Holden, Mo.**

**SERVICEABLE RED POLLED BULLS**  
My ton herd bull, a grandson of Proctor Knott; also two of his sons. Priced reasonable. **J. R. Henry, Delavan, Kansas.**

## ANGUS CATTLE

### ANGUS BULLS

18 from 12 to 18 months old, 12 that are from six to 10 months old. Real herd headers.  
**J. D. MARTIN & SONS, Lawrence, Kan.**

When writing advertisers mention this paper.



## Poland Bred Sow Sale

At Farm Near

**Dearborn, Mo., Friday, March 10**

30 head tried sows and spring gilts bred to two great boars, Max Clansman by the Clansman and Freckles Junior. The sows are sired by such boars as Cook's Liberty Bond, Big Ed, Tantalizer, Revelation, Hilcrest Wonder. Not a large offering but a splendid lot of useful sows and gilts that will make any farmer or breeder money if given a little care. Please send for my catalog and come to sale if you want hogs that will make you a profit. Parties met at Dearborn, Mo., on electric line, car each way every hour.

**Smith J. Gabbert, Dearborn, Mo.**

## Poland Bred Sow Sale

At Farm Near

**Dearborn, Mo., Thursday, March 9**

28 head large spring yearlings mostly sired by Dean's Clansman by The Clansman and bred for March and April litters to Gritter's Big Wonder 3d. 4 choice gilts are out of Dean's Big Jones sow and will weigh sale day 400 pounds. They are real herd sow prospects. 4 choice gilts are out of Clans Maid, one of the best sows on my farm. This is not a large offering but the best lot I have ever sold. I will also sell two tried brood sows that have raised good litters. Sale will be held on farm near Dearborn, Mo., on the K. C. & St. Joe electric line, cars each way every hour. Please send for catalog and come to my sale.

**Clarence Dean, Weston, Missouri**

(Sale held on farm near Dearborn)

Auctioneer: W. W. Carson. O. Wayne Devine, Fieldman

## Wittum's Annual Poland Sale

At Farm Eight Miles Southeast **Caldwell, Kan., Thursday, March 9**

20 tried fall yearlings, 15 spring gilts, 5 open fall gilts, 5 boars sired by Big King by A Wonderful King, King Kole, Morton's Giant, Wittum's Giant, Gerstdale Orange, Ringmaster, and a good son of King Kole. 1 March boar, a popper by King Kole out of a Buster dam, 2 fall boars by King Checkers, 2 spring boars by Gerstdale Orange. Offering includes a May yearling by Morton's Giant, spring gilt by King Kole out of an A Wonder dam, 3 daughters of Morton's Giant out of a dam by Over There by Caldwell's Big Bob, 3 daughters of Gerstdale Orange out of a dam by Over There, 7 fall yearlings by Berrish Joe. Immured. Females begin to farrow in March. A good thrifty offering of well grown big type Polands close up in the blood of some of the most popular families. Write for a catalog today. Please mention Kansas Farmer-Mail & Breeze. Address

**F. E. Wittum, Caldwell, Kansas**

Savage & Williams, Auctioneers.

Send mail bids to J. T. Hunter, fieldman.

### POLAND CHINA HOGS

**Thos. F. Walker & Son**  
**Sell 40 Head**  
**23rd Annual Sale**

Big type, big bone, immune, advanced type of Poland China bred sows. At farm 3½ miles southwest of

**Alexandria, Neb.,**  
**Thursday, March 2**

These sows and gilts are by Blue Valley Big Bone, Jumbo Black Jack Designer, The Avalanche, Big Black Designer, Blue Valley Timm and Col. Bob. Sows bred to Jumbo Black Jack, Big Bone Designer, Big Long Designer, Blue Valley Bob and Constructor. Buy the best and you only have to start once. Write for catalog.

**Thos. Walker & Son,**  
**Alexandria, Neb.**

Col. H. S. Duncan, Auctioneer.

**10 Poland Spring Gilts**

bred to The Orangeman for spring litters. Priced to sell. Write to  
CHAS. N. MARSHALL, BURLINGAME, KAN

### POLAND CHINA HOGS

**50 Sept. and Oct. Boars and Gilts**

Weight 140 each. Immured and papers. Sired by the Elmo Valley herd boars. Pairs and trios not related. Priced low. J. J. HARTMAN, ELMO, KAN.

**Big Type Immured Polands**  
Serviceable males, \$25; bred gilts, \$30; and Sept. pigs, \$15. GEO. J. SCHOENHOFFER, Walnut, Kan.

**HENRY'S BIG TYPE POLANDS**  
Bred gilts sired by Big Orange, Smooth Prospect, bred to outstanding son, Columbian Giant. September pigs, either sex, pair or trios.  
John D. Henry, R. F. D. 1, Lecompton, Kan.

**SPOTTED POLAND CHINA HOGS**  
**Spotted Poland Chinas**  
Stock of all ages. The best blood lines.  
A. S. Alexander, Burlington, Kansas.

**Spotted Polands, Both Sexes**  
Big type and English. C. W. Welsenbaum, Altamont, Kan.

**LYNCH BROS.' SPOTTED POLANDS**  
Fall pigs, either sex, with breeding, size and quality. Grand sire, Carlson's Spotted Chief, sire Riley's Wonder by Field's Giant. Satisfaction guaranteed.  
Lynch Bros., Jamestown, Kansas

**FALL GILTS, \$17.50**  
Good herd boar, 50% white, carrying blood of H. L. Faulkner's Bogardus and Spotted Sampson. T. L. Curtis, Dunlap, Kansas.

**GALLOWAY CATTLE**  
**Registered Galloway Bulls For Sale**  
Address Fashion Plate, Silver Lake, Kansas.

The World War has cost the nations that engaged in it in money alone, 250 billion dollars—as much as the entire wealth of the United States.

### Field Notes

BY J. W. JOHNSON

This will be the last call for the big Holstein sale to be held by Howard Brass and Herb Gress at the old Wm. Brass farm, 16 miles southeast of Topeka and 12 miles northwest of Lawrence, February 27. The offering will consist of 65 head of choice high grade Holsteins in first class condition. They are heavy producers and are the kind that are profitable. If you are on the market for high class Holsteins arrange to attend this sale.—Advertisement.

### Al Smith's Jacks

Al Smith, Lawrence, Kan., one of the West's best known and most reliable jack breeders, has real bargains in Jacks. A large number of them are 16 hands high and only two of them under 15 hands. They are big and fine and you can't beat the Jacks you will find at Al Smith's farm a few miles west of Lawrence on the paved road. Also some nice Percheron mares and fillies. Write for descriptions and prices. But the best way is to go and see them.—Advertisement.

### Northeast Kansas Shorthorn Sale

The Northeast Kansas Shorthorn Breeders' association will hold the annual association sale at Hiawatha, Kan., April 29. The fall association sale was not held with the idea that it would be better to make a real sale this spring. D. L. Dawdy, Arrington, Kan., sale manager, says that the best breeders in the association territory are consigning to this sale. If you live in this territory write to Mr. Dawdy at once if you have something to offer in this association sale April 29 at Hiawatha.—Advertisement.

### Atchison County Shorthorn Sale

The Atchison county breeders of Shorthorns have selected May 17 as the date of their consignment sale which will be held at the farm of K. G. Gligstad, two miles north of Lancaster, Kan. Atchison county has some real Shorthorn breeders and they are consigning to this sale and it is going to be a sale worth while. You can ask for the catalog any time and you will get it just as soon as it is off the press. Write to Harry Gligstad or A. W. Scholz, both of Lancaster, Kan., who are the sale managers.—Advertisement.

### J. E. Baker's Poland China Sale

J. E. Baker, Bendena, Kan., proprietor of the Maple Leaf Farm herd of Poland Chinas, will sell a draft from his good herd, Wednesday, March 8. The offering will consist of two tried sows and two fall yearlings and the rest spring gilts. The spring gilts are mostly by a good son of Orange Boy and bred to W's Designer, the second prize junior yearling at Topeka. One spring gilt is by The Tarzan, a good son of the Clansman. Another is by W's Giant and bred to The Tarzan. These are two prominent herd boars in a prominent Missouri herd. From the looks of the fall pigs sired by Mr. Baker's boar, W's Designer, he is a real boar. The sale will be held in the new sale pavilion at Bendena and you can have the catalog by addressing J. E. Baker, Bendena, Kan.—Advertisement.

### Kansas State Holstein Association Meeting

The annual meeting of the big Kansas Holstein-Friesian Breeders' association will be held in the Topeka chamber of commerce club rooms, Thursday evening, March 16. The usual banquet will be served at six o'clock and the meeting will be held immediately following the banquet. Important matters pertaining to the big national meeting and sale in Kansas City in June will be taken up. Besides it is the regular annual meeting and officers of the association are to be elected. The annual sale is on the same date and will be held at the fair grounds in the new sale pavilion. The usual requirements are being lived up to in the matter of consignments and the offering will be a good one. The catalogs will be out in a short time and you can ask for yours today and be sure of it. Address W. H. Mott, Sale Mgr., Herington, Kan.—Advertisement.

### Kansas State Spotted Poland Sale

The Kansas State Spotted Poland China Breeders' association sale and annual meeting will be held at Alma, Kan., Monday, February 27. That is this next Monday and you sure want to be there if you are a breeder of Spotted Poland Chinas. It is your meeting and you better go. At 11 o'clock in the forenoon a banquet will be served, followed by a program of interest to Spotted Poland China breeders, especially Kansas breeders. Commencing at 1 o'clock the association sale will be on. Sixty-five head will be sold, all bred sows and gilts. They are consigned by members of the association who have a surplus and they are good. All are immunized and will be thoroughly disinfected before they are shipped to their new homes. You will find plenty of catalogs at the sale. Bids may be sent to the secretary, F. H. Manning, in care of the Little hotel, Alma. Or you can phone Mr. Manning there the morning of the sale.—Advertisement.

### Goernandt Bros.' Polled Herefords

Those who are familiar with Polled Hereford affairs know of the great herd owned by Goernandt Bros. of Aurora, Kan., Cloud county. It was thru the initiative of this firm that the famous Polled Harmon was brought west and at present they offer sons of this famous sire, a fine string from eight to 16 months old. They are also offering some nice young heifers. Goernandt Bros. have shown every year at the leading shows. Recently at the big western national at Denver their herd attracted much attention. On their big ranch near Aurora, Kan., in Cloud county they can produce the best cattle at a cost that enables them to sell for prices that are always considered reasonable. Polled Herefords are growing in popularity every day and breeders who want to commence breeding the horns off their Herefords should get in touch with this firm. They offer a fine string of young bulls ready for service and some young heifers. Write them for descriptions and prices.—Advertisement.

### Tomson Bros.' Shorthorns

Tomson Bros., Wakarusa, Kan., and Dover, Kan., report the sale of herd bulls to several prominent Shorthorn herds recently. K. G. Gligstad, Lancaster, Kan., bought a splendid calf, Marshal Gold by Marshal's Crown. This calf won four firsts and seconds during the fall shows and was junior champion at Hutchinson. He also headed the undefeated calf herd on the southwest circuit. C. A. Scholz, also of Lancaster, bought Marshal Mayflower by Village Mar-

shal. This calf was first in class at Topeka this last fall and second in other fairs during the fall. His dam was a foundation cow of their Mayflower tribe. C. H. White, Burlington, Kan., bought Marshal Sunray, a junior yearling that won first at the leading fairs during the 1921 show season. They have for sale a few young bulls of serviceable ages that should be seen to be appreciated. Among them a few good ones by Beaver Creek Sultan. They are the last they will be able to offer sired by him. They also have some outstanding bulls from 10 to 12 months old by Marshal's Crown. In the Shawnee county Shorthorn breeders' sale at the fair grounds, March 16, they are consigning four good bulls and eight heifers. For full information and prices on these bulls address, Tomson Bros., Wakarusa, Kan., or Dover, Kan.—Advertisement.

### Topeka Shorthorn Sale Again

Topeka's reputation as a Shorthorn cattle center steadily is being strengthened by the operations of the Shawnee County Shorthorn Breeders' association. This association now announces its third official sale to be held March 15. The sale, as usual, will be held at the Free Fair grounds. Eight breeders, including contributors of the best things in previous sales, have made up an offering of 23 females and 10 bulls that is fully up to the high standard this association has set for its sales. As the Shawnee county association was organized primarily to promote farm interest in Shorthorns the cattle sold are strictly of the sorts most certain of making good in the hands of good practical farmers; counterfeits cannot get into these Topeka sales. The females are selected with view to their certainty of making good in the hands of new owners. Bulls are offered only from families which for generations have shown a superior product. Very naturally these consignors who are making the production of Shorthorn cattle their life work do not want to put out young bulls which might sire anything but calves that will be a credit to the breed and the association. The catalog will show how carefully this offering has been selected for helping to carry out the association's program of turning the farm feeds of the state into Shorthorn beef and milk. Send for this catalog now. Mention this paper and address Frank Blecha, county agent, Topeka, Kan.—Advertisement.

### BY J. T. HUNTER

H. G. Brookover of Eureka, Kan., is starting his Shorthorn advertisement in this issue. Mr. Brookover is offering a number of choice Shorthorn bulls for sale. If on the market for a good Shorthorn bull look up his advertisement and write him for prices and breeding.—Advertisement.

### Last Call for Childers' Duroc Sale

D. Arthur Childers, Route 2, Emporia, Kan., sells 50 bred Duroc sows and gilts at the sale pavilion at Emporia, Kan., on Friday, March 3. This is one of the best herds of central Kansas and well worthy the careful consideration of any planning to buy some good Duroc seed stock. Too late to write for catalog. See last issue of Mail and Breeze for display advertisement.—Advertisement.

### Last Call for a Good Poland Sale

Sullivan Bros., Moran, Kan., sell a good offering of Potlands at Iola, Kan., Wednesday, March 1. Sires producing the offering are Joe Buster, Timm Buster, Standard Leader and the females have nearly all been bred to a Chief Designer by Designer. Here is an excellent opportunity to get some good blood lines as well as individuality. See last two issues of the Kansas Farmer and Mail and Breeze for advertisements. If you want some good ones attend the Sullivan Bros. sale at Iola.—Advertisement.

### Wittum's Poland Sale

F. E. Wittum lives just over the line in Oklahoma but his address is Caldwell, Kan. He has for a few years been raising purebred Poland China hogs. Last spring he held his first auction sale. The offering was well received and this spring he will hold his second annual spring sale. The date of sale will be Thursday, March 9. At

## Maple Leaf Farm Poland China Bred Sows

in the sale pavilion,

**Bendena, Kan.,**  
**March 8**

30 head of good ones, Popular blood lines, lots of size combining quality and easy feeding qualities. Two tried sows, two fall yearlings. Balance big stretchy, well grown and well conditioned spring gilts. All bred for spring farrow to the second prize junior yearling at Topeka, W's Designer. Just a few are bred to other boars.

The spring gilts are by a splendid son of Orange Boy. A real opportunity for pig club boys or breeders or farmers who want the larger and more prolific type. Ask for the catalog today. Send bids to J. W. Johnson in my care. Address

**J. E. Baker,**  
**Bendena, Kansas**



that time he sells 20 tried fall yearlings, 15 spring gilts, five open gilts, and five boars. The advertisement in this issue of the Kansas Farmer and Mail and Breeze gives a good description of the offering. Turn to the advertisement and see that the breeding is of the most popular and when you go to the sale that you will see that the offering will be one that furnishes the kind that starts the new breeder with the kind that puts him in the hog business in the right manner or that improves a herd already established. Write today to Mr. Wittum and get a catalog of his sale. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

#### L. A. Poe's Durocs

L. A. Poe, Hunnewell, Kan., offers for sale 18 good late summer and fall Duroc boars at very reasonable prices, sired by Great Orion 7th, a good grandson of Great Orion, 1918 world grand champion. Dams are by Pathfinder Jr. (G. M. Shepherd's son). Mr. Poe lives five miles southwest of Hunnewell, Kan. Write or call on him if you want to buy a good summer or fall boar. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

#### Scotch Bulls and Milking Shorthorns

L. E. Wooderson, Caldwell, Kan., has for sale three roan Scotch Shorthorn bulls. One is a November yearling by Gloster Cumberland out of a Dale's Challenger dam. Another is a December yearling by Gloster Cumberland out of a Chickshank Lavender dam and the third is by Dale Cumberland out of a Maxwellton Rosedale dam. He also offers four two-year-old milking strain Shorthorn cows by an Orange Blossom Scotch bull, Rosedale Cumberland. Write today. Mention Kansas Farmer and Mail and Breeze.—Advertisement.

#### The Sales at Newton

The second series of sales under the auspices of the Harvey County Livestock Improvement association will be held at the city auditorium, Newton, February 28 to March 4. Included in the sale will be 50 Duroc Jersey bred sows, 55 Poland Chinas, 40 Holsteins and 60 Shorthorn cattle. In addition to the purebreds, 40 head of high grade dairy cattle will be offered. For dairy catalog address Dr. W. H. Mott, sales manager, Herington, Kan. For the others write O. A. Homan, Peabody, Kan. Mention this paper when sending for catalogs.—Advertisement.

#### Here is a March Hog Sale

G. E. and W. L. Stuckey live 5½ miles south of Wichita on Hydraulic Avenue. They will hold an auction sale of registered and immunized Durocs, Wednesday, March 8. In the offering will be 30 head as follows: five tried sows and 25 spring gilts. Read the advertisement of this sale in this issue of the Kansas Farmer and Mail and Breeze to get an idea concerning the breeding of the offering. There will be a few sows with pigs at side sale day but the most of the offering will farrow some time in March and April. Scarcity of good registered Durocs compelled many parties holding February sales to sell a greatly reduced number at auction than they formerly sold in February. This was due to scarcity of hogs. Naturally, under such conditions a number of people were unable to purchase as many hogs as they desired. This March sale of the Stuckeys offers such buyers good opportunity to get some more good Durocs. When writing for a catalog please mention the Kansas Farmer and Mail and Breeze.—Advertisement.

#### M. I. Brower's Sale

M. I. Brower, Sedgwick, Kan., sells a good offering of Durocs, Tuesday, March 7. There will be five tried sows, five fall yearlings, 20 spring gilts, and 10 fall gilts. Mr. Brower is offering at public auction as well bred a group from widely varying families as will be found in any one private offering this year. Read the advertisement in this issue of the Kansas Farmer and Mail and Breeze and see for yourself that the offering is sired by and bred to boars maintaining more than state-wide reputations. The individuality of the offering merits commendation also. Scarcity of purebred hogs compelled breeders who regularly hold February sales to put on sales with reduced numbers of hogs in the offering. The result has been that many buyers were unable to secure as many good hogs as they would have purchased had sale offerings been full. It will be found that March sales will be fewer than ordinary this season. Here is the buyers opportunity and he should make the best of his opportunity by attending the Brower sale. If unable to attend send mail bids to J. T. Hunter in care of Mr. Brower. When writing for a catalog please mention Kansas Farmer and Mail and Breeze.—Advertisement.

#### Association Sales at Newton, Kan.

Attention is called to the great five days' association sale at Newton, Kan., Tuesday, February 28, to Saturday, March 4. This is the regular spring sale held at Newton every spring under auspices of the Harvey County Improved Livestock association. O. A. Homan, Peabody, Kan., manager. The two last issues of the Kansas Farmer and Mail and Breeze carried large display advertisements of the sales. Consignors and breeding of consignments were indicated in those advertisements. Since they were published a number of consignments were made by some of the state's best breeders living in southern part of the state. The order of sales is as follows: Tuesday, February 28, Durocs; Wednesday, March 1, Poland and Spotted Poland; Thursday, March 2, Holsteins and Ayrshires (This sale will be managed by W. H. Mott, Herington, Kan.); Friday, March 3, Shorthorns; and Saturday, March 4, grade dairy cattle. These sales will be held in the city auditorium as usual. This is a large, conveniently located building where heat, light, and ventilation insure comfort regardless of weather. Some of very good livestock has been assembled in these association sales and in turn disseminated to all parts of southern Kansas. These will be five days of great sales and well worth your attention if you want to buy some good livestock.—Advertisement.

#### Huston-Stewart Duroc Sale

This is the last call for the Duroc sale to be held at the Emporia sale pavilion, Tuesday, February 28, at which time W. R. Huston and J. C. Stewart & Sons sell an offering of 40 head of high class Durocs. They will be double immunized bred sows, fall and spring gilts. More than half the offering will be tried sows and fall yearlings. Every female is bred for March or April farrow. The two herd sires most prominent in the production of the offering or to which the females are bred are Waltmeyer's Giant and Greatest Sensation. The first named boar was bought in Iowa by

Mr. Huston after spending some time there looking for a herd sire. He is by Mahaska Wonder out of Giant's Belle and is strongly Great Wonder bred. He is a good one and crossed on the good sows in the herd should produce the real kind of Durocs. Greatest Sensation is a brother to Sensational Pilot. He is 1921 Topeka fair grand champion. He is out of Miss King Pathfinder 2nd. A number of the best gilts are by him and a number of the best sows are bred to him. The sows producing this offering are well bred also. Buyers will find this sale a good one to attend. Read the advertisements in last two issues of the Kansas Farmer and Mail and Breeze for more definite description of the offering. Write W. R. Huston, Americus, Kan., for a catalog. Mention Kansas Farmer and Mail and Breeze.—Advertisement.

#### BY J. COOK LAMB

F. C. Crocker of Filley, Neb., is starting his Duroc advertisement in this issue. Mr. Crocker has 300 bred gilts that will be shipped on approval, and is making special prices on carloads.—Advertisement.

Breeders of Red Polled cattle who are on the market for breeding stock should look up the advertisement of Geo. Schwab & Sons in this issue. They have a choice lot of bulls for sale ranging in age from eight months to mature bulls. Among them are show bulls. Write them for prices and breeding.—Advertisement.

Geo. Schwab & Sons of Clay Center, Neb., are starting an advertisement in this issue offering Percheron stallions and jacks for sale. They have a number of ton stallions for sale and also a number of fine jacks, that they have raised on the Schwab farms. The stallions range in age from four to six years old. Among them are blue ribbon winners. The jacks they are offering are well broke and are guaranteed in every way.—Advertisement.

#### Putman & Son's Duroc Sale

On March 2, Putman & Son of Tecumseh, Neb., are putting up an offering of sows that should interest every purebred Duroc breeder who is anxious to advance in the purebred business. The most of these sows will be bred to one of the greatest Pathfinders boars that has ever been produced, Heza Pathfinder. This boar is one of the largest of his age, stands on the best legs, high up in the air, great depth of body, was a winner at the Nebraska and National Swine Shows. In this March sale they are selling five fall gilts and five fall boars by him as a sample of what he will produce—a good place to buy a herd boar in one of these fall pigs. One of the main sow attractions of this sale will be seven fall sows by that great breeding show producing boar, Great Pathfinder. He was the sire of more champions than all the other Pathfinders in the 1921 shows. These sows are bred to Heza Pathfinder, a winner at two of the largest shows this season. Get in line to produce a litter of prize winners by owning one of these sows.—Advertisement.

#### BY O. WAYNE DEVINE

#### Polled Shorthorn Cattle Sale

The Missouri and Kansas Polled Shorthorn Breeders' association have announced March 16th for their annual spring sale in the fine stock pavilion, Kansas City, Mo. On this date they will catalog and offer 44 head of useful cattle consigned by the best breeders of this breed of cattle, Wenger Bros., Versailles, Mo.; Walter Cline, Versailles, Mo.; D. B. Thielen, Higginsville, Mo.; C. A. Berggren, Green Ridge, Mo.; R. M. Moody, Lenexa, Kan.; D. F. Richardson, Boyle, Kan.; W. A. Prewett, Asherville, Kan.; R. M. Moody, secretary and manager of the sale, is consigning two heifers and one bull, all junior calves by Golden Rule, a grandson of old Roan 100, the International grand champion, and a bull well known to most breeders of Polled Shorthorns in the West. C. A. Berggren consigns two cows, one by Abbottsboro Goods, a grandson of Ravenswood Choice, the other by Scotch Sultan, a grandson of Sultan's Creed. The bull is by Scotch Sultan and out of a granddaughter of Imp. Rosie 17th by Scotch Victor. D. F. Richardson has five females including two daughters of Royal Superb, one daughter of Golden Reveler, one by Golden Chimes and one by Early Champion. There will be four calves at foot sale day and will be mighty good property for any farmer or breeder to buy. W. A. Prewett consigns two females and one bull, all by Gloster Leader, a Scotch bred bull that has proven a great sire of a correct type of cattle. One two-year-old heifer by Duchess of Gloster dam. The catalogs give a complete list and are ready to mail. Please write today for your copy to R. M. Moody, Sale Manager, R. D. 1, Lenexa, Kan., and kindly mention this paper.—Advertisement.

#### BY C. L. CARTER

#### F. M. Holtsinger's Duroc Sale

The biggest event in Duroc history is what Col. F. M. Holtsinger promises at Moberly, Mo., March 6, when he will sell one hundred head of fall yearling sows and gilts, every one a top from some great herd and sired by a boar with a national reputation. Certainly never before did an auction contain such an array of aristocratic females. Of the many big things Col. Holtsinger has done this auction stands out as the climax of them all. None but Frank Holtsinger would dare to offer one hundred head of top sows in one sale. It is the custom to sell a few like these as sale attractions but here is a man big enough and fearless enough to put in one hundred. The shortage of breeding stock and the unprecedented demand for high class young sows is Holtsinger's reason for making this stupendous sale. Another feature of the auction is that Sensation Climax will be sold to the highest bidder. This boar has the honor of being one of the greatest, if not the greatest, sires of big sows the breed has ever known. It was because of this that Col. Holtsinger bought him from I. E. Stickleman. On the immense Holtsinger breeding plant (he keeps about two hundred brood sows) daughters of Sensation Climax are being retained which means the purchase of another boar and the release of Sensation Climax to make some other herd nationally famous. The success of every breeder dates from the time he placed an outstanding sire in his herd. Here is a boar of unquestioned merit, the builder of herds, if you please, selling with an iron clad guarantee. Surely it is the golden opportunity to some man. It takes time and lots of money to develop and advertise a boar; here is one that is proven as a sire and as well advertised as any boar in America.—Advertisement.

## Biggest Duroc Sale Ever Held

### Moberly, Mo., March 6

100 Head—Fall Yearlings and Gilts—100 Head

Positively the best lot ever driven into a sale ring. They are by Sensation Climax, Great Orion Sensation, Stilts, Scissors, Fannie's Orion, Pathfinder, Ideal Pathfinder. Every one a top daughter of a national boar.

#### Sensation Climax Sells

He made Stickleman's herd. He made Holtsinger's herd. He will put your herd on top. Guaranteed in every way. Selling because I am using nothing but his daughters in my herd. Here is opportunity. I guarantee satisfaction on every bid sent to C. L. Carter on this sale.

**F. M. Holtsinger, Moberly, Missouri**

Fred Reppert, Auctioneer.

C. L. Carter, Fieldman

Boys, this is the biggest event in Duroc history.

## A March Offering of Durocs

M. I. Brower, Sedgwick, Kan., Tuesday, March 7

40 head: 5 tried sows, 5 fall yearlings, 20 spring gilts, 10 fall gilts. Sires producing these females or to which they are bred: Sensational Pilot, 1921 Topeka grand champion; Great Pathrion, 1920 Kansas grand champion; Pathrion, 1920 Topeka grand champion; Victory Sensation 3rd; Shepherd's Orion Sensation; Pathfinder Jr.; Pathrion 2nd; Mammoth Gamb Sensation; Great Sensation Wonder; Sensational Giant; Needa High Orion, etc. Here assembled in one offering is a group of females sired by boars and bred to boars whose names are well and favorably known all over Kansas and the Southwest. It is very doubtful if an offering of equal quality and so wide a variety of breeding has been assembled in any sale ring in Kansas this year. Scarcity of purebred hogs has compelled numerous breeders selling in February to offer fewer hogs than they could have sold. Those who failed to buy what they needed in February sales now have opportunity to buy at the Brower sale. For a catalog write today to

**M. I. Brower, Sedgwick, Kansas**

Please mention Kansas Farmer-Mail & Breeze. Send mail bids to J. T. Hunter. Boyd Newcom, Auctioneer. J. T. Hunter, Fieldman. Sale under cover.

## G.E. & W.L. Stuckey Sell Durocs

5½ miles south of Wichita on Hydraulic Avenue

**Wichita, Kansas, Wednesday, March 8, 1922**

30 head: 5 tried sows and 25 spring gilts. Tried sows by Climax Sensation, Pathfinder Chief 2nd. Bred to Giant Orion Sensation by Great Orion Sensation, 1919-21 world's grand champion, and Orion Sensation Pathfinder. Spring gilts by Pathrion, 1920 Topeka grand champion, Sensation 2nd by Great Sensation, and Jack's Orion King A by Jack's Orion King 2nd, 1917 world's junior champion. Bred to Sensation by Big Bone Giant. There will be a few sows with pig at side sale day. Most of the offering farrows in March and April. There will be few March sales this season. Those who failed to get as many Durocs as they wanted to secure in February sales should attend this sale. A good useful offering from good families and farrowing at a good time. Write either G. E. or W. L. Stuckey, Rural Free Delivery, Wichita, Kan., for a catalog. Please mention Kansas Farmer-Mail & Breeze.

J. T. Hunter, Fieldman.

#### DUROC JERSEY HOGS

### WELL GROWN SPRING GILTS

of Orion Cherry King and Pathfinder breeding, bred to an outstanding grandson of Great Sensation. Big smooth gilts, real backs and color. Also choice of fall boar pigs. J. A. CREITZ & SON, BELOIT, KANSAS

### 300 Bred Gilts

Duroc gilts guaranteed in farrow and immune. Shipped on approval. Special prices on carloads. F. C. CROCKER, BOX B, FILLEY, NEB.

### A Few Bred Gilts

at private sale. My greatest bred sow sale February 15. Send today for catalog. W. W. OTEY & SONS, WINFIELD, KAN.

### REAL BIG TYPE BOARS

Real spring boars sired by Shepherd's Orion Sensation, the sire of champions. Real Pathfinders by Pathfinder Jr. Immunized, registered. Price \$30, \$40 and \$50. Order from ad or write. No culls. Real Durocs for your dollars. G. M. SHEPHERD, LYONS, KAN.

### Bred Gilts—Big Type

Big stretchy, outstanding gilts bred for spring farrow. Best blood lines of Sensation, Orion, Pathfinder and Crimson Wonder families. Immunized and priced low. Ernest A. Reed, R. 2, Lyons, Kan.

### Duroc Bred Sows and Gilts

Bred sows and gilts shipped on approval. Immunized and absolutely as described. A few spring boars. Write for descriptions and prices. D. C. ASHER, LAWRENCE, KAN.

### Valley Spring Durocs

Sensations, Pathfinders, Orions. Boars all ages. Sows and gilts bred to outstanding boars. Immunized, pedigree furnished, guaranteed breeders. Year's time if desired. E. J. Bliss, Bloomington, Kan., Osborne Co.

### How Would You Like

to own a sow or gilt bred to a boar that weighed 725 pounds at just 18 months old? We are selling that kind. Write for prices. STANTS BROS., HOPE, KANSAS

#### OVERSTAKES' BRED GILTS

200 pound gilts bred for April and May farrow \$30.00. Fall gilts and boars at \$15.00 and \$20.00. Overstake Bros., Atlanta, Kansas

#### DUROC JERSEY HOGS

### Durocs \$20 to \$30

This includes some boars ready for service and choice fall pigs by Hurdler Pathfinder and Valley Wonder Sensation. Will sell on time. Ask for terms. E. C. MUNSELL, RUSSELL, KANSAS

### Big Type Bred Gilts

Big boned stretchy March bred gilts of the best of Pathrion, Orion, Sensation, and Great Wonder breeding. Immunized and priced to sell quick. J. A. REED & SONS, LYONS, KANSAS

### Duroc Boars \$20.00 to \$25.00

150 to 200 lbs. Well-bred good bone and length. Order from this advertisement direct and I will ship you a good pig. J. E. WELLER, HOLTON, KAN.

### DUROC BRED GILTS

Sensation gilts, bred to King Pathrion, an outstanding boar. Fall pigs, either sex. Write us. BOHLEN BROS., E. I. DOWNS, KANSAS

#### EARLY FALL BOARS, IMMUNED

Orion, Pathfinder, Col. breeding. Priced right. L. A. Poe, Hunnewell, Kansas.

#### HAMPSHIRE HOGS

**Walter Shaw's Hampshires**  
200 HEAD: REGISTERED. Immunized, tried bred sows and gilts, serviceable boars. WICHITA, KANSAS, RT. 6, Telephone 3918, Derby, Kan.

**WHITEWAY HAMPSHIRE ON APPROVAL**  
Choice fall boars and gilts. Big hardy fellows sired by the champion. Immunized pairs and trios not related. F. B. WEMPE, FRANKFORT, KANSAS.

#### SUMMIT HOME HAMPSHIRE

Choice gilts, tried sows and fall boars nearly large enough for service. Immunized and shipped on approval. S. W. Shineman, Frankfort, Kansas

#### PUREBRED HAMPSHIRE HOGS

Satisfaction guaranteed, also small herd of purebred Shorthorn cattle. Wilson Counts, Baldwin, Kansas.

#### BERKSHIRE HOGS

#### REGISTERED BERKSHIRES

Sept. boars and gilts, \$20; sired by Hand-some Duke 54th. H. C. Huey, Kingman, Kan.

When writing advertisers mention this paper.



# All Grain Prices Advance

## Corn and Wheat Reach New High Levels

BY JOHN M. SAMUELS

**K**ANSAS CITY at present is the principal wheat market in the United States and it is the chief source of supply of hard winter wheat. Last week it had 9,978,000 bushels of wheat in its elevators which was the largest stock held by any terminal market point. It also had the largest current receipts, which amounted to 1,630 cars out of a total of 3,872 cars received at the principal markets. Kansas City receipts were 154 more than the previous week and 424 more than a year ago. Wheat within the last 10 days has been moving freely from the farms on account of the better prices that were being offered. It is also possible that the farm reserves were greatly underestimated.

Exports of wheat from the United States and Canada last week amounted to 4,667,000 bushels as compared with 4,442,000 bushels of the preceding week and 6,327,000 bushels a year ago. This movement from Argentina and Australia still continues to be quite liberal.

### Why Markets Advanced

Continued advancing prices in Buenos Aires, Liverpool and other foreign markets reacted on the American markets here and were strong factors in the upward swing of grain prices. The poor Western wheat outlook of course was easily the dominant buying motive. There is also a growing belief that Europe has held back its purchases in order to get better money exchange rates and that it will take large shipments of grain from both North America and South America to meet fully all of its demands. There also is a strong suspicion that we may wake up some fine morning and find ourselves facing a shortage before our next harvest.

Under the influences mentioned there was brought about a big rally in wheat and new high levels were reached for both July and May deliveries. May wheat went up about 7 cents and July deliveries registered gains of 6 to 7 cents a bushel.

### Four Cent Rise in Corn

Corn followed in the lead of wheat and also showed strong advances. Gains of  $4\frac{1}{4}$  to  $4\frac{3}{4}$  cents on futures were reported. Exports of corn last week were 4,005,000 bushels as compared with 2,716,000 bushels a week ago. Oats futures showed gains of  $\frac{1}{2}$  to 1 $\frac{1}{2}$  cents and rye carried gains of 3 to  $3\frac{1}{4}$  cents. Kafir and milo advanced 16 to 21 cents. At the close of the market the following quotations on grain futures were given at Kansas City: May wheat, \$1.21 $\frac{7}{8}$ ; July wheat, \$1.18 $\frac{3}{4}$ ; May corn, 56 $\frac{1}{4}$ c; July corn, 59 $\frac{1}{4}$ c; September corn, 61 $\frac{3}{4}$ c; May oats, 88 $\frac{3}{4}$ c.

### Kansas City Cash Sales

At Kansas City at the close of the market both hard and dark hard wheat were quoted unchanged to 2 cents lower while Red wheat was scarce and was steady to 1 cent higher. The following sales were reported:

No. 1 dark hard wheat, \$1.33 to \$1.45; No. 2 dark hard, \$1.33 to \$1.45; No. 3 dark hard, \$1.30 to \$1.43; No. 4 dark hard, \$1.26 to \$1.40; No. 5 dark hard, \$1.16 to \$1.30; No. 1 hard wheat, \$1.26 to \$1.39; No. 2 hard, \$1.26 to \$1.39; No. 3 hard, \$1.21 to \$1.36; No. 4 hard, \$1.12 to \$1.33; No. 5 hard, \$1.03 to \$1.14; No. 1 Red wheat, \$1.34 to \$1.35; No. 2 Red, \$1.32 to \$1.34; No. 3 Red, \$1.30 to \$1.33; No. 4 Red, \$1.20 to \$1.26; No. 5 Red, \$1.10; No. 2 mixed, \$1.26; No. 3 mixed, \$1.26 to \$1.30; No. 4 mixed, \$1.01; No. 2 durum, \$1.13.

Demand for corn was good but slight declines on most cash sales were noted. The following prices are quoted at Kansas City:

No. 1 White corn, 53 $\frac{1}{2}$  to 54c; No. 2 White, 53 $\frac{1}{2}$ c; No. 3 White, 53c; No. 4 White, 52c; No. 1 Yellow corn, 54c; No. 2 Yellow, 54c; No. 3 Yellow, 54c; No. 4 Yellow, 52 $\frac{1}{2}$  to 53c; No. 1 mixed corn, 52 $\frac{1}{4}$ c; No. 2 mixed, 52 $\frac{1}{2}$ c; No. 3 mixed, 52 $\frac{1}{4}$ c; No. 4 mixed, 51 $\frac{1}{4}$ c.

The following quotations are given at Kansas City on other grains:

No. 2 White oats, 37 $\frac{1}{2}$ c; No. 3 White, 36 $\frac{1}{2}$  to 36 $\frac{3}{4}$ c; No. 4 White, 35 to 36c; No. 2 mixed oats, 36 $\frac{1}{2}$  to 37c; No. 3 mixed, 36 to 36 $\frac{1}{2}$ c; No. 2 Red

oats, 39 to 46c; No. 3 Red, 35 to 38c; No. 4 Red, 32 to 35c.

No. 1 White kafir, \$1.34 to \$1.35; No. 2 White, \$1.34; mixed \$1.38; No. 3 White, \$1.33; No. 4 White, \$1.32; No. 2 milo, \$1.46 to \$1.47; mixed, \$1.40; No. 3, \$1.45 to \$1.46; mixed yellow, \$1.46; No. 4, \$1.43 to \$1.44; No. 2 rye 92 to 93c; No. 3 barley, 56c; No. 4 rye, 55c.

This week the hay market weakened and large receipts of alfalfa hay caused it to decline \$1 to \$2 a ton on the best grades. Sales for other kinds of hay were slow. The following quotations are given at Kansas City:

Alfalfa, choice to fancy, \$24 to \$27; choice alfalfa, \$21.50 to \$23.50; No. 1 alfalfa, \$19 to \$21; standard alfalfa, \$15 to \$18.50; No. 2 alfalfa, \$11.50 to \$14.50; No. 3 alfalfa, \$9 to \$11.

No. 1 prairie, \$10 to \$11; No. 2 prairie

\$7 to \$9.50; No. 3 prairie, \$5.50 to \$6.50. No. 1 timothy, \$13.50 to \$14.50; standard timothy, \$12 to \$13; No. 2 timothy \$10 to \$11.50; No. 3 timothy, \$7 to \$9.50.

Clover, mixed, light, \$13 to \$14; No. 1, clover, \$10.50 to \$12.50; No. 3 clover, \$7 to \$10; packing hay, \$4 to \$5. Straw, \$5.50 to \$6.

### Good Demand for Millfeeds

Millfeeds this week were in fairly good demand and shorts were especially desired, but offerings were small. The following prices are quoted at Kansas City on millfeeds: Bran, \$23 to \$23.50 a ton; brown shorts, \$24; gray shorts, \$25 to \$26; linseed meal, \$40.50 to \$54; cottonseed meal and nut cake, \$44.50; tankage, \$65; No. 1 alfalfa meal, \$16.50 to \$17.50; No. 2 alfalfa meal, \$14.50 to \$15; brown alfalfa meal, \$14.50 to \$15; molasses alfalfa feed, \$18 to \$20; grain molasses hog feed, \$35.

### Seeds and Broomcorn

Broomcorn prices are practically unchanged and seeds show but little variation. The following quotations are given at Kansas City this week:

Alfalfa, \$9 to \$13.50 a hundred weight; timothy, \$4.50 to \$5.50; clover, \$17 to \$22; bluegrass, \$35 to \$50; German millet, \$1 to \$1.40; Siberian millet, \$1.20 to \$1.40; cane, 75c to \$1.25; Sudan grass seed, \$2.25 to \$2.75; flaxseed, \$2.04 to \$2.06.

The following quotations are given on broomcorn at Kansas City: Fancy whisk broomcorn, \$275 a ton; fancy hurl, \$250; Choice Standard broomcorn brush, \$180 to \$220; medium Standard brush, \$140 to \$180; medium Oklahoma Dwarf, \$130 to \$160; common stained Dwarf, \$70 to \$90; badly damaged Dwarf, \$50 to \$70 a ton.

### World's Record is Broken

A world's record for milk and butterfat was broken by Princess Aggie Polkadot de Kil, a Holstein cow owned by H. P. Fischer, of Shakopee, Minn., it was announced officially February 12. The cow finished a yearly test on January 15 as a senior 4-year-old with 31,600 pounds of milk and 1,052.5 pounds of butterfat, equivalent to 1,315 pounds of butter.



Threshing With Electricity in Kansas

## Why Farmers Are Investing in our Light and Power System

Farmers in the territory served by our companies are investing in our securities because they know that we are building this system of Light and Power plants to serve the Farms as well as the towns and cities of Central Kansas; that every dollar that has helped build and extend this industry is **Kansas money**, mostly that of Kansas farmers. It is contributing to the prosperity of Kansas people rather than to Eastern bondholders.

### Make the Rivers Furnish Power

With a decrease in farm labor and the high cost of other types of power-driven machinery, it is high time to develop and use the power of the rivers that run thru their farms if they are to get maximum production and efficiency which will enable them to compete successfully with other classes of industry. They also realize that to get full value from this electrical development they must be

## Investors As Well As Consumers

BECAUSE they keep their money at home working for them, at rates better than they can obtain in other Safe and Conservative investments;

BECAUSE by investing in the Preferred Securities of this system they become partners in a business, proven and successful, but just beginning to expand;

BECAUSE their investment pays 7 per cent per annum, payable quarterly without state or local taxation—the company paying it;

BECAUSE the investment is non-assessable;

BECAUSE the investment is **SAFE** and **SURE**—supervised by the State Public Utilities Commission and protected by a physical valuation far in excess of the capital stock liability;

BECAUSE this type of investment keeps Kansas money in Kansas for Kansas development, making Kansas instead of New York our banker.

**Free Booklet** You will be interested in our free booklet, "The Lifeblood of the New Age—Electricity." It explains fully our Cash Purchase Plan and our Co-Operative Installment Plan at \$1 a week. Write for it or see our local representative.

### Clip This and Get the Whole Story

Please send without expense to me a copy of your booklet "The Lifeblood of the New Age—Electricity."

Name.....

Address.....

**The United Light & Power System, Abilene, Kan.**

*Sixty-four Consecutive Dividends—Not a Dissatisfied Investor*