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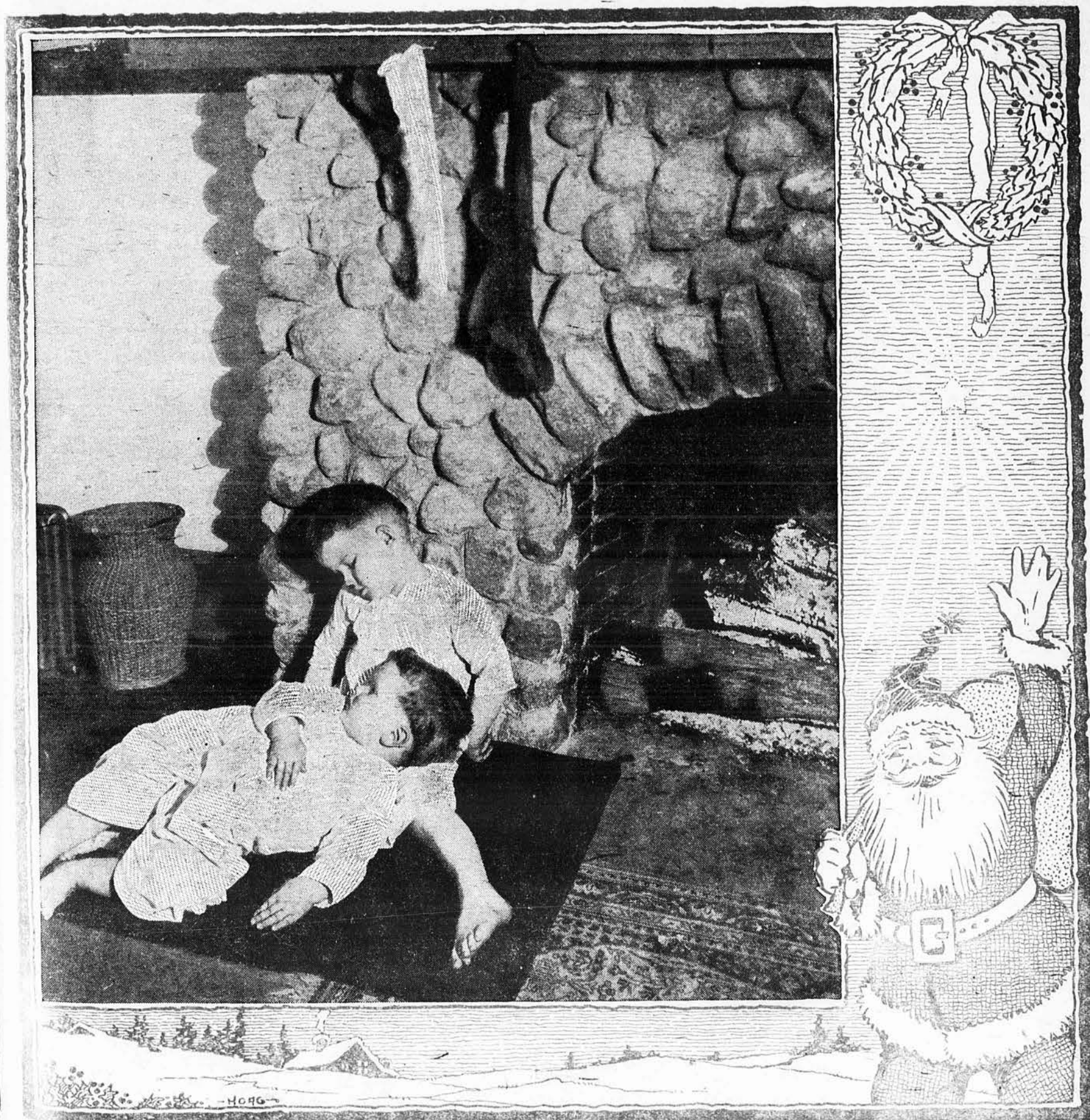
KANSAS FARMER AND MAIL & BREEZE



Volume 58

December 25, 1920

Number 52



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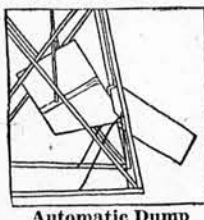
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State Farm Bureau Items Contributed by County Agents

MARSHALL county is thinking of going into the orchard business. Horticulturists have told farmers in that section that the soil and climate is favorable to the production of apples and other fruit and there is no reason why they should not raise enough for their own use if the orchards are properly pruned, sprayed and cultivated. John Miller, of Beattie, will co-operate with the County Farm Bureau and Kansas State Agricultural college in planting an acre orchard on his farm. The experiment will be watched by other farmers in the county.

Corn Show for Jackson County

Jackson County Farm Bureau will hold a corn show this winter and E. H. Leker, the county agent, is urging farmers to select their exhibits while they are husking this fall. It will be an easy matter, he says, to have an extra box on the side of the wagon in which to put exceptionally good ears. When the husking is finished, he says, the farmers will have an exceptionally good lot of corn from which to select their 10-ear and 7-ear samples for the show. Some of this corn, he says, may be used next spring for seed. In addition to the regular prizes offered at the show, corn club members will be offered special prizes for 10-ear exhibits.

McPherson Wins in Essay Contest

The first prize in the state wide milk essay contest, conducted by the different county agents, home demonstration agents and school teachers, in co-operation with Miss Rena Faubion, milk utilization specialist for the Kansas State Agricultural college, was won by Edna Christenson, of the North Diamond school, of McPherson county. The prize was \$25. The second prize went to Wallace county, the third to Comanche county and the fourth to Clark county.

Big Poultry Show Planned

The Great Southwest Poultry and Pet Stock association recently purchased \$350 worth of exhibition coops to be used in holding future shows. These coops were used during the fair this year at Dodge City and will be used again for the poultry show to be held there the first week in January. The association has about 100 members and within the last few weeks has become affiliated with the Breeders' and Fanciers' association and also with the American Poultry association, which is a National organization. Every one is eligible to membership in this association. Plans are being made to make the January show a great occasion.

Christmas Turkeys Prove Expensive

Turkeys for Christmas are scarce in Sedgwick county this year according to E. J. Macy, county agent, and Wichita citizens are being forced to import the birds from Western Kansas and the Texas Panhandle. Mr. Macy reports that the turkeys grown in Sedgwick county this year are well fattened on grasshoppers and grain and weigh from 9 to 25 pounds apiece. They sold recently at 35 cents a pound, live weight, in Wichita.

Co-operative Bull Club

A co-operative bull club is being urged by C. A. Patterson, county agent for Wyandotte county. Mr. Patterson says that the growth of these clubs in United States in the past year has been almost 100 per cent. In urging such a club, Mr. Patterson says: "Wyandotte county should have such an association or several of them. By means of an organization of this kind, it is possible to get a higher class of animal and one that will give much better results than a cheaper and poorer type of animal."

Community Work in Wilson

The Farm Bureau in Wilson county is organizing the county into communities to help carry on the Farm Bureau work. Two communities, Lafontaine and High Prairie, already have organized, elected leaders and have adopted

a program of work. In the Lafontaine community, S. D. Logan, president of the Farm Bureau, was chosen as community leader. E. O. McKinney has charge of livestock work, J. R. Adams, legume crops, and J. H. Risinger, insect and disease control. Leaders in the High Prairie community are Burr Knaus, community leader; M. J. Rhoney, livestock; E. E. Hutson, legume crops; R. W. Wing, insect and disease control, and Mrs. R. W. Wing, home conveniences. G. W. Salisbury, assistant county agent leader, assisted with the meetings. With this form of organization, C. O. Grandfield, county agent, believes interests of the Farm Bureau members can be served more easily.

Shawnee Farmers Like Vetch

According to F. O. Blecha, Shawnee county agent, farmers in the Kay Valley had about 1,000 acres of inoculated vetch, grown with rye as a cover crop on potato land this year. Shawnee county had more than 200 acres of this. Mr. Blecha believes results show that the crop is an entire success. "The vetch," says Mr. Blecha, "is unaffected by frost so that it may be grown later than other legumes such as cowpeas and soybeans. It also may be planted earlier than rye. On several plantings where the rye was lost due to chinch bug and army worm pests or where it was drowned out, the vetch came thru unaffected."

Reno Plans Big Things

At the present time the Reno County Farm Bureau has only about 300 members. The Reno Farm Bureau has been organized only a few months and farmers in many sections of the county never have had an opportunity to join. In the campaign solicitors are being sent into every township in the county. These solicitors will be aided by local farmers and an attempt will be made to see every farmer in the county. Reno has 4,245 farmers, the largest number of any county in the state and officers of the Farm Bureau believe that when the campaign is finished Reno will have more members than any other county in Kansas. Sam J. Smith, county agent, is predicting that between 1,500 and 2,000 farmers will join the County Farm Bureau during the campaign.

Good Butterfat Records

A Holstein in the herd of Anthony Mickelson was high cow in the Clay County testing association in the last report made by Raymond Walton, official tester. This cow produced during the month about 1,189 pounds of milk and 57 pound of butterfat. The second highest cow, also a Holstein, belonging to Robert Frederick, produced 48 pounds of butterfat and 1,013 pounds of milk. Eight cows out of the 125 in the association produced more than 30 pounds of butterfat during the month.

To Organize Community Centers

Sam J. Smith, Reno county agent, is organizing his county into twelve community centers. This is being done to give Mr. Smith a community organization with which to work in every section of the county. When it is necessary to put on a demonstration of some kind, it will be possible to call together the group in any community at a time when Mr. Smith can get to the community. Later he can go to other communities for similar demonstrations. Organizations have already been completed at Langdon and Nickerson. Other communities are to be organized as soon as Mr. Smith can meet with the farmers in the communities to complete the organizations.

About 13,000 species of birds are known to science; 1,200 of these species inhabit the United States. We find the sparrows, thrushes, wrens and many others, which feed on insects in or near the ground. Others, such as woodpeckers and sapsuckers, are arboreal in their habits, preying on the many kinds of insects which infest our orchards and forest trees.



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Farmers who owned ordinary tank heaters are the men who buy and stick by the "MOLINE." Costs no more than the inefficient kind.

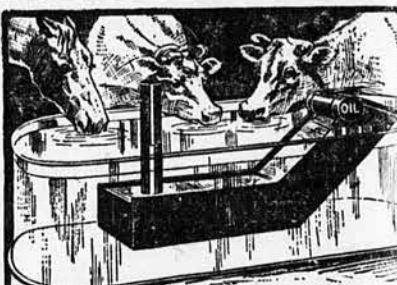
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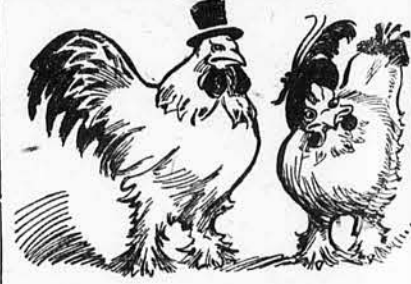
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Poultry Edition

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February 5

Rural Leadership is Needed

The University of Kansas is Aiding in the Developing of Better Social and Economic Systems and a Brighter Home Life

By Ernest H. Lindley

AGRICULTURE will long continue to be the chief concern of Kansas. The enrichment and advancement of this basic industry calls for the best leadership in the sciences that serve the farm and farm life. From sheer financial interest, Kansas should not be content with anything short of the best. Statistics show that agriculture has not yielded a very high return to the farmer. It is estimated that the average income of farmers in the last 10 years has not exceeded 30 cents an hour. The economic disadvantage of the farmer is a warning to the whole Nation. It threatens to drive from the soil the most resourceful farmers. Nothing but the rapid rise of farm values would have kept these men on the soil.

There are three aspects to agriculture. The first is farm practice, which involves at its best, the most effective means of producing the best and most profitable crops. The second is farm management. Farming has become a complicated business which calls for bookkeeping, for cost accounting and careful supervision of detail. In addition, farming also involves the problem of marketing. The third aspect is farm life. The farmer and his family should find on the farm favorable conditions for the personal development of every member of the family group. This involves educational and social provisions. In order to make their life more attractive, the rural school should be more effective and the community life more stimulating. No farmer who has aspirations for his children will much longer be content with inferior school and neighborhood conditions which have survived from the pioneer days.

The three essentials, therefore, are farm practice, farm management and farm life. Of these, farm practice up to this time has received the greatest share of attention. Yet even here it is safe to declare that if the best methods of production of crops were known and practiced everywhere in Kansas, the increase of the total crop yield of the state would be amazing.

Just now the farmers are beginning to recognize that farming is a business that calls for the best methods of accounting, and careful estimates of cost. The spotlight is the problem of reaching the consumer. The present system of marketing is, frankly, disadvantageous to the farmers. Better methods of distribution may possibly be obtained thru co-operative selling and distribution. These questions probably will be the subject of extensive National and state legislation in the near future.

Industrial Development

An increase in the number of consumers improves the market for farm products. This cannot come to Kansas without an increase in the size of cities which cannot grow without industries. The farmer, therefore, has a great stake in the industrial development of the cities of Kansas.

The industrial survey of the state now in progress by the school of engineering of the University of Kansas reveals great possibilities of individual enterprise, thus making a direct contribution to the improvement of agriculture.

While it is evident that excellent crops and efficient marketing are the foundation of successful farming, it is, however, true that supreme emphasis should be placed on possibilities of farm life in every progressive community in the state of Kansas.

What use are profits if the home life fails to yield the great values which make life worth living? To obtain these values, Kansas must plan wisely and fearlessly for her rural schools. As citizens of the state, we should not be content until the rural schools attain the excellence now found in the best city school systems. This may be obtained in some localities thru the consolidation of schools.

Everywhere in the country should prevail salary schedules comparable to those of the best city schools. In many states this is made possible thru state aid.

If the boys and girls are to be kept on the farm with an opportunity to enjoy a rich personal development, there must be full provisions for their recreational life. Some sort of community center providing entertainment not only for young folks but also for adults has proved a most satisfactory investment. Cultivating an appreciation of music and other fine arts including the drama make a great contribution in this field.

It is a significant fact that those regions of the West that enjoy the greatest success in agriculture, as in California, Oregon, Washington and Idaho, show a higher percentage of college bred men and women. This demonstrates the great utility of a liberal education as productive of the level of life which is most alluring.

Not less significant than enjoyment is the health of rural communities.

This is best guaranteed thru the services of graduates of the highly efficient schools of medicine, working in co-operation with the state board of health. Such co-operation always will insure the success of any plan.

The University of Kansas, therefore, has made and is preparing to make a great contribution in agricultural development. The college of liberal arts, the schools of medicine, engineering and fine arts and the extension division supply essential elements of the desirable life on the farm.

The extension division carries to every ambitious man or woman in the state an opportunity to make the great calling of agriculture comparable in attractiveness to life in the city.

Above everything else, the modern university trains leadership of the state without which natural resources of every kind will remain undeveloped. The average farm life is not attractive if the public schools and the institutions of higher education in the state are not equal to those of neighboring states. The most gifted of their youth will leave to seek opportunity elsewhere. The loss of these most gifted men and women constitutes the most serious impoverishment of the commonwealth.

Kansas needs her best youth and should seek to retain them. Generous provision for education, from rural school thru the university constitutes, therefore, a necessary and profitable investment.

Kansas today ranks 27th among the states in public school systems. In expenditure for higher education, it has been passed by most of the Northern states and also by Oklahoma and Arkansas. Kansas must invest quickly and heavily in education if it is to take its proper place.

If it does not pay for higher education it will pay more in the loss of its promising youth and the gradual impairment of the vision which has characterized its citizens.

Every progressive step is the result of better thinking. It may be that a certain material advantage was gained by accident, as in certain chemical and scientific developments that were discovered accidentally, but the fact remains that men were thinking, striving to get ahead, when even these benefits by accident occurred. To solve the problems of today requires better thinking than ever before, because the problems of today are more difficult, more complex than ever before. To obtain this better thinking it is necessary that we have more education and that that education be better than ever before.

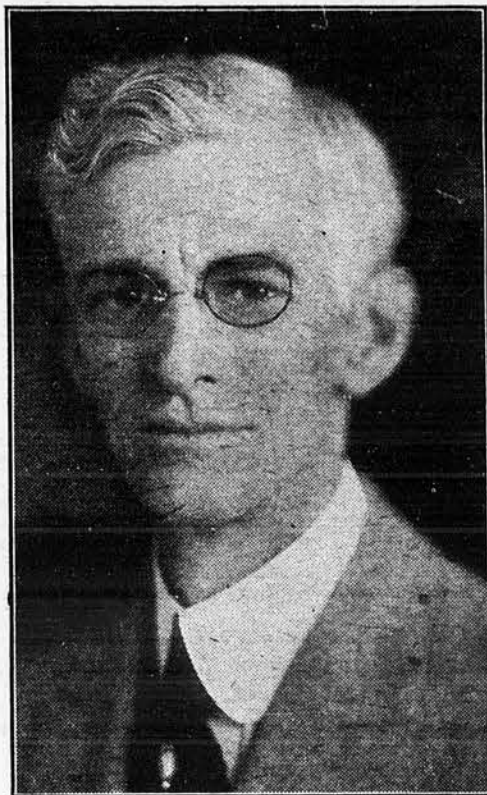
The Function of Government

Government may be said to exist to assure the greatest good to the greatest number. That assertion is readily agreeable. But how to attain it, how to bring it about, how to overcome the thousand and one obstacles, the illimitable differences that must exist among the complex and varied interests of our 105 millions of people is a problem that would seem almost super-human. Only trained minds can hope to work it out. Taxation is one of our great unsolved problems in this ideal of so conducting our country that it may be the best place of living for the greatest number. We haven't solved the taxation problem, and few Governmental functions are so potent for good or evil as taxation. We haven't thought long enough and hard enough on that subject. We have a handful of conflicting and hostile principles that we haven't worked out, that we scarcely understand and that we must prepare ourselves to work out.

We must train specialists to handle these things, just as we must train our whole people to a better understanding of such subjects. This is a Government by the people and the better their understanding, the better educated they are, the better will be the Government, in taxation and in all other things.

Credit, a proper adapting of credit to the needs of the people, is another great problem that we haven't worked out, a thing of which most of us do not approach a proper understanding. Akin to that is the subject of marketing, which is keenly alive in the mind of almost every farmer today, and when we go to inventory our knowledge on that subject we find, as with taxation and credit, that we are tragically lacking in knowledge, that we think straight with utmost difficulty and that apparently we can't find anyone who can think straight, at least not very far in a very straight line. And it is an irrefutable and age-old principle that the shortest distance between two points is a straight line. The sooner we have more men and women, better trained as thinkers, the sooner we will think in the straight, direct line to the solution of our problems.

It is true that not all college men and women can think straight. Some few of them think vaguely and most unsatisfactorily on any and every subject. That is not the fault of the college. They might go to school 50 years, and still be inefficient, while others of exceptional ability might never see a college or university and still be very highly educated.



Chancellor Ernest H. Lindley, the new head of the University of Kansas was directly associated with farm life in Idaho where he was president of the combined agricultural college and university prior to coming to Kansas in July of last year.

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 Medical Department Dr. C. H. L. 1910
 Young Folks' Pages Kathleen Hogan
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T. A. McNEAL, Editor

JOHN W. WILKINSON and G. C. WHEELER, Associate Editors

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Passing Comment—By T. A. McNeal

ONE of our Western subscribers, C. G. Bray, of Bowie, Ariz., writes: "I am a Democrat, one of the few that are left—and think you ought at least to give me the satisfaction of saying a few things by way of consoling me for such a beating." I think myself that men like Mr. Bray are entitled to some consideration and sympathy. He proceeds to land on the electorate as follows: "I did not mind being defeated as much as I did in the way it was brought about. Had the voters decided the election by casting ballots based on reason instead of feeling, based upon American issues instead of foreign matters, it would not have been so bad."

"We have always had too much feeling and not enough reason in public affairs. Was this avalanche due mostly to women voting their feelings? If that is true we may expect hysterical conditions right along in the future."

"Altho I was born a Democrat I had about decided to quit the party in 1904 when it was in the hands of the reactionary element. Had not Bryan rescued it I should have abandoned it then. Before that I was a Democrat just because my father was; since then I have been a Democrat from choice, because I believed then and know now that the Democratic party will do more for the common folks than the other party will."

"The record of the Democrats for doing good things for us the last eight years never has been surpassed. If the voters thought as much of us as they do of our kind of legislation, they would keep our party in power forever."

Then somewhat plaintively Mr. Bray asks: "Why did they kick us out? Was it on account of a little corruption, inefficiency or such? Is the Republican party better than the Democratic party? When did it get better? And when did it become so efficient? Eight years ago it was so bad that more than half its members left the party. Perhaps they have all been praying for more virtue and efficiency the last eight years. I hope they will have it."

Mr. Bray has as poor an opinion of editors as he has of the intelligence of the voters of the country. "If I were an editor of a paper," he continues, "I would say something worth while once in a while, even if I should lose my job for saying it. You editors are so afraid you will offend some advertiser or subscriber, and you try to please everybody. I have serious doubts of Harding's being a successful President because he has been an editor and has the editorial timidity. If our army had all been editors old Von Hindenburg merely would have waved his helmet at them and scared them into the sea. I think editors do less good, opportunity considered, than any other class. If they had courage enough to look the advertisers in the face and tell them to go to Hades they could be independent and get the 'ads' just the same. I have been trying hard to say something against immigration for years without success because editors were afraid to publish it."

There is more of the letter but I think this will indicate the state of Mr. Bray's mind. How prone we are to judge the wisdom of others by how they happen to agree with us. No doubt Mr. Bray in 1912 and 1916 had a high opinion of the reasonableness of the majority of the voters of the United States.

The Race Problem

A SUBSCRIBER of the Kansas Farmer and Mail and Breeze, Dave Perkins of Boulder, Colo., writes: "I am a powerful admirer of your 'Passing Comment'."

Then Dave proceeds to enlarge somewhat on the race problem in the following way: "The Yellow Peril, the Asiatic hordes, and the 'Colored' menace are now looming big in the opinion of some persons. This is the most fallacious and fictitious fear the white man ever has imagined or dreamed. My own experience with the black, brown and yellow races has been different. All that was necessary to overcome their natural suspicion was to make them to understand that I was not prejudiced. Most of them are mentally 10 to 15 years old as compared with the average white man. Whether this is a misfortune or not is a matter of opinion."

"That there has been a multiplicity of Adams and Eves I am convinced. Climate and environment also have made distinctions and differences, but the only cause we have to fear the dark skinned races is the boomerang, the law of retributive justice. All we need to do to make peace on earth is to leave them alone and not give them so much of our surplus beneficence. That the white man is now up against it in Egypt, Mesopotamia, India and other places there is no doubt, but he never learns and never forgets. Armies, navies and domination are his stock in trade and the harvest is ripe. Surely our soothsayers and wise men would do well to read 'Passing Comment'."

Mortgage Companies and Banks

THE FOLLOWING article was written by C. B. Merriam, of the Merriam Mortgage Company, which has lent a great many million dollars on Kansas farms. I think the readers of the Mail and Breeze will be interested in getting Mr. Merriam's viewpoint: "The mortgage and trust companies of Kansas now and for the past 50 years have endeavored to do their full duty in persuading Eastern capital to invest in Kansas loans and in doing this they have endeavored to render a service of incalculable benefit to the farmers of this state and for the past three years of disturbed financial conditions all over the world, the very best talent and energies of the mortgage bankers have been used in keeping up a constant flow of Eastern capital for farm financing even in spite of the fact that every dollar of money sent to Kansas for mortgage investment during that period has been sent here to be lent at rates of interest from 1 per cent to 2 per cent under the market and at from 1 per cent to 2 per cent less than has been paid and is now being paid by the best and strongest financial institutions in this country including the railroads."

"Fortunately for Kansas several large Eastern life insurance companies look with great favor upon this state, its people and its security of farm lands and for three years the principal volume of money sent to Kansas has been from life insurance companies. These companies are managed and governed by high minded men who are willing to take a broad view of the situation and remember that for many years their mortgage investments here have been more than satisfactory, that they wish to continue in the same line of business for years to come in this state, that they wish the friendship and good will of our people and instead of lending these immense sums on the market to exact the highest interest rates obtainable they are taking a broader view and are lending the principal volume of money for farm financing at this time and for several years back at lower rates of interest than can be procured by them on almost all other classes of security absolutely sound and of the highest order."

"The farm mortgage bankers have not fought the Government Farm Land Loan System except as it applies to practice, namely, the issuance of tax exempt bonds and lending in some instances in a manner that casts a cloud of distrust over all mortgage investments."

"On the contrary, the farm mortgage bankers went on record three years ago as favoring a land credit system under Government supervision."

"The Federal Land Loan Bank System has lent approximately 350 million dollars to farmers and speculators, the mortgages being written for 34 years, with amortized payments, at a rate of 5½ per cent to 6 per cent, and the bonds issued against them bearing 4½ per cent to 5 per cent interest."

"In January, 1918, the Federal Farm Loan Board obtained an Act of Congress authorizing the Secretary of the Treasury of the United States to purchase 200 million dollars of these bonds at par. It is reported that 175 million dollars of these bonds are now held by the public treasury. The last 30 or 40 million of the 5 per cent bonds were purchased by the Government with money costing 6 per cent."

"The suit to test the constitutionality of the Federal Farm Loan act did not stop the sale

of the bonds. The sale of bonds stopped before the Act of Congress of January 4, 1918, authorizing the purchase of 200 million dollars of these bonds, was enacted. When that fund was exhausted the system was upon the rocks again and will stay there until another raid is made upon the National Treasury."

"The interest rate to farmers in Eastern Kansas for twenty years prior to the war was 6 per cent or less, including commission. Interest rates are high because of the demand for money which is world wide and not because the suit is pending in the Supreme Court of the United States."

"Prior to the war, the United States Government could float its bonds at 2 per cent and 3 per cent, while now it is paying 6 per cent. The farm mortgage bankers have financed the farmer for 100 years. They have always extended them credit at a lower rate of interest than the merchant had to pay in the county seat town. There is no group of men more interested in the farming industry or in the farmer's success than the farm mortgage bankers."

"The base rate was advanced because of the exigency of the time, but the farm mortgage banker's commission rate, notwithstanding the increased cost of administration, remains the same. The farm mortgage bankers are as necessary to the farmer's success as the National banks are to the commercial lines."

Is There an Oversupply?

A READER of The Kansas Farmer and Mail and Breeze, R. G. Mohler of Lyons, Kan., writes:

Being interested in a small way in raising and marketing hogs, I recently wrote to one of the leading packers of Kansas, requesting information as to the probable course of the hog market within the next few months. I received a prompt and courteous reply and these are the packer's exact words:

"We probably will have still lower prices right along. The only way that we could have a higher market would be for us to have lighter receipts, which we don't think will be the case. Everything points to lower prices."

Now then the bunch of hogs I am feeding at present are about 7 months old. The corn the sows and pigs have eaten to date cost me about \$1.50 a bushel. These hogs will average about 200 pounds at the present time. Everyone familiar with feeding or fattening hogs knows that I am going to have quite a loss unless the market should advance. The conclusion then is that there are too many hogs to make the feeding game profitable. Now then my appeal to the farmers is to raise fewer hogs another year. The farmer who is in debt cannot quit producing, for the moment he does he is "blowed up."

Let those farmers who are out of debt curtail production for a few years, until conditions change so that we will receive pay for our feed at least. There is a great deal of agitation at present about the farmer setting the price for his products. In order to do this farmers must help one another, the strong must help the weak. Unless this is done by the farmers in a systematic way among themselves, price regulation will fall flat. Let us give the packing trust as well as the milling trust the supply that will bring us a price, commensurate with the cost of production plus a reasonable profit."

Before deciding to curtail the production of pork it would be worth while to consider the relation of the present price of corn and hogs. My opinion is that there is as much money in feeding corn to hogs at present prices as there was when prices of both corn and pork were abnormally high. In fact I think that hog raising now is more profitable than it was then."

Depending on the Law

IT IS remarkable to what an extent persons of this country depend on law to remedy the ills they either have or think they have. Notwithstanding the fact that the people of the Nation are fairly groaning under the burden of the laws they already have, there is no diminution of the demand for more law.

I presume that Kansas is not an exception among the states in the matter of proposing new legislation. There is scarcely ever a session of the Kansas legislature in which less than 1,500 bills are introduced. True, a majority of them fall by the wayside, or they are killed by the various committees or by the committee of the whole house or senate, or left to die on the cal-

endar, but the fact remains that the members of the legislature, collectively and individually, considered these bills of sufficient importance to introduce them. There must have been some demand among the constituents of these representatives and senators for all of these proposed laws.

There are 48 states. If the legislators of other states are as eager to have more laws on the statute books as the citizens of Kansas, and if Kansas is about an average state in population, then all the legislators during the last legislative year introduced 68,000 bills. There will be introduced at the next regular session of Congress, in all probability, not fewer than 15,000 bills. Despite the fact that most of the bills introduced both in the state legislatures and Congress die, there are enough get thru to make a large, undigested body of laws for the courts to wrestle with, for lawyers to dispute over and for the citizens to pay in the form of increased taxes, more officials and a greater confusion of mind as to what the law is.

It has been said that we are a lawless nation; that there are more crimes committed in proportion to the population in the United States than in any other supposedly civilized country in the world. I do not know whether this is true, but if so it is not to be wondered at. If there is any individual in this country who is even moderately familiar with the laws which he is supposed to obey, I have not happened to meet that person. Yet we are supposed to know the law. In every prosecution for violation of the law, the excuse that the violator did not know that he was violating a law, while it may be true, will avail him nothing, because he is supposed to know the law, and ignorance of it will not excuse him. I presume that everyone of us violates some law nearly every day of his life without knowing it, or if he happens to know there is such a law, has become so accustomed to violating it that he never thinks about it.

I do not know that it will ever be possible to find our way out of the maze of lawful restrictions we have created, but one thing is certain, and that is that there is no indication that we are going to about face. We demand more and more law, mostly for the purpose of regulating other persons. Very few people like to be regulated themselves, but most of us are of the opinion that while there is no necessity for regulation insofar as we are personally concerned, there is considerable necessity for regulating other persons. We are looking to Congress now to pass some new law which will help us out of the economic difficulties of the present time. We will be disappointed with the result in all probability. We will have more law; perhaps more commissions and more printed reports, but so far as helping the persons who are in trouble about paying their debts is concerned, the chances are that they will not be benefited.

Gambling with Nation's Wealth

BANK credits appear to be under a strain for agricultural and commercial purposes, but available to gamblers and speculators who can pay from 15 per cent up to 30 per cent. America is praised for having the greatest credit system in the world. A great system it is, barring one serious fault, it doesn't function properly. It transports the wealth created every year from the soil to the big banks in Chicago and New York to finance at high rates of interest the world's greatest gambling games, while the world's greatest wealth producing industry languishes for want of sufficient credit to avoid disastrous losses. The result is farming has become more hazardous than all the other games of chance.

The Increasing Burden of Debt

I BELIEVE the following written by H. E. Branch, of Strafford, Mo., will be read by many with interest. Certain it is that the constantly increasing amount of interest-bearing debts is calculated to make thoughtful people wonder where it will end. The world cannot go on indefinitely piling up interest-bearing obligations. The burden on production is already, it would seem, nearly as much as the wealth producers can carry.

"Let us reason together," says Mr. Branch. "In 1860 we were a nation of home owners; today more than 80 in every 100 persons are residents of mortgaged and rented homes. In 1865 Lincoln said, 'When I gaze into the future I see a sight which unnerves me. As a result of the war corporations have been enthroned in high places and when I look into the future I tremble for the safety of my country.'

"In 1913 our Commissioner of Internal Revenue reported our corporations as capitalized, stocked and bonded for \$96,488,000,000. The Great European War gave birth to legions of new corporations. Old corporations doubled and quadrupled their capitalization. Every new enterprise calls for corporation and capitalization. Extensions and betterments demand increased capitalization and debt.

"The press informs us that Armour will issue

60 million dollars of 6 per cent gold bonds; Standard Oil of New York, 200 million dollars; Studebaker, 20 million dollars for extension; American Tobacco, 100 million dollars; railways, 500 million dollars of 7 per cent bonds. Add to this personal, district, township, county, town, city, state, and National debts and we have a total of 350 million dollars at least for the public to pay interest and dividends upon and then we wonder at the high cost of living and the consequent social unrest. Under our fiscal system there is no possible means of even checking this ever increasing volume of debt, much less of liquidating it. Every new debt adds to the public burden and increases social unrest that is breeding a carnival of anarchy, crime and dissolution of the existing social system. Reducing the price of products, our only means of payment, without reducing the volume of debt, interest and tax will increase social evils and hasten the pending social seismic disturbance that is now gathering volume in all quarters.

"Gold is the only unit of value recognized by modern governments as qualified for the final payment of debt. The Literary Digest quoted the London Statist as authority for the statement that the world's entire gold supply is less than 8 million dollars and only about half of that is available for monetary purposes. The world's indebtedness is at least 1,500 billion dollars and its volume of debt is 375 times greater than its means of payment. Under the existing fiscal system no human agency can comply with existing contracts. It is either repudiation or bankruptcy and bankruptcy is repudiation."

"The citizens constitute the Government and what the citizens owe the Government owes and the interest and profits collected from the public or corporate capitalization is a National tax levied by consent of the Government. Profit is the residue remaining after all service is paid for and expenses liquidated, something for nothing, confiscations. When we compare our very limited volume of money to our great volume of debts, we fully realize that all interest is compounded. Over and above interest, profits and dividends, every corporate servitor is paid in full for service and is entitled to nothing else.

"During the 80 years past, omitting profits and dividends, the public has paid in interest alone on our railway capitalization enough to build the world's railways three times over. During the next 48 years on our present railway capitalization the public will pay 300 million dollars in interest alone and still owe the principal with added capitalization for new lines and improvements, hence we see that debt is a commercial cancer preying upon our industrial vitals and the only remedy is its complete extirpation by our political doctors. Debt adds nothing to world's man-power and material resources and is a crime against humanity. The vote of our last election recorded public dissatisfaction and not confidence. The facts stated should lead to new lines of thought and action."

This is interesting and important, and there is no question about the gravity of the situation. Without trying to minimize the possible dangers it may be said that, perhaps, the situation is not so bad, however, as it seems on paper. Of course a large amount of corporation stock pays no dividends and should be deducted from the total of interest and dividend-bearing obligations.

Also it must be assumed that the producers are all on the interest-paying side and none on the interest-receiving side. There are several billions of interest-bearing bonds owned by the farmers of this country and while as producers they must pay the interest it comes back to them when they clip their coupons. However, there is a large number of wage earners who own no bonds and as they are not able to shift the cost added to the price of what they buy, in the way of interest, rent and taxes, they are constant losers and upon them who are least able to bear it falls the greatest burden with no alleviation in the way of dividends or interest. This is not true of all wage workers by any means. I know many who are thrifty and who have tidy sums laid by in the way of interest-bearing securities.

Another Melon for Banana Trust

THE corporation which decides how many bananas we may have from day to day, and no more, has just declared a tax-free stock dividend of 100 per cent and has voted itself a cash dividend of \$4 a share besides.

The United Fruit Company was hatched in that incubator of trusts known as New Jersey. It has its own fleet of steamers and controls the trade and shipment of fruits from our adjacent tropics. Its cheap labor gathers the free bananas God makes to grow so plentifully near the equator. Its steamers bring them to us, and we may eat them for 15 cents a pound or let them alone. Enough people with the banana habit buy this exploited product to help this

fruit pirate-profitier double its capital every once in a while. Then because the insatiable greed of this sordid "soaker" of the people cannot be satisfied with 100 per cent plus, it compels its banana-buying customers as well as those who cannot buy bananas, to pay its taxes, to make up what the Government loses in revenue on the millions it distributes in stock dividends.

Storiettes

I AM of the opinion," said the old timer, "that the children of the present day have a much easier time than we did when I was a boy, but then we didn't really know we were having a hard time and didn't make as much fuss about it as children do now. I must say that most persons seem to me to live better and cleaner than they did then. When I was a boy going to the district school there was always at least one family whose children had lice and usually they also had the itch. What was more, they didn't seem to be worried any on that account. They were a generous lot of children and distributed both the itch and lice with impartiality.

"I always got both and took them home with me. My mother seemed to have a prejudice against both lice and the itch. She would set me down on the floor with my head held firmly between her knees and then she would turn loose with the fine comb. The way she plowed up my young scalp was something fierce. I think she plowed up more than half the roots of my hair so that they never got set again and just naturally died out. That is why I lost my hair. But she got the lice all right.

"If I had only got 'em once during the winter it wouldn't have been so bad but I just kept catching 'em and the combing was a regular nightly chore for my mother. I don't understand why she didn't take father's razor and shave my head. That would have done the business for the winter. When it came to the itch the treatment was different. Mother used to make a liquid by boiling poke roots in water till it was nearly as strong as lye and then dip me in that. Under the impression that the itch was a blood disease, she also made me eat sulfur. I had to eat so much sulfur that I didn't dare to rub against iron for fear I would strike fire. Finally mother learned that there were various ointments that would kill the itch and after that she sort of eased up on the sulfur.

"It was expected that every boy would get at least one licking during the term and some boasted that they had been licked as many as half a dozen times. It was not considered any particular disgrace to get a licking but the boys exercised considerable ingenuity in warding off the pain. When they had warning the day before that a licking was coming they fortified themselves by putting on an extra pair of pants or in some instances they slipped sticks down under their pants so as to protect the rear elevation. If the teacher was next to his job, however, this plan didn't work. He would discover the sticks and make the boy take them out. After that he laid on a few extra licks to make up for trying to avoid the punishment.

"Usually the parents of the boy would stand by the teacher, so that the boy got no consolation at home. Some men made a practice of not only standing by the teacher but they also gave the boy another licking when he got home. Most persons were more brutal then than they are now. When I was a lad every boy just had to fight whether he cared to do so or not. The boy who wouldn't fight had no standing in the school. Usually there was something in the way of a scrap on hand all the time, but if there wasn't the big boys would stir one up. Then they would form a ring and make the two smaller boys fight it out.

"There was always one bully in the school who bossed the rest and insulted them till some boy came along who was able to whip him or maybe two or three of the smaller boys would form an alliance, join forces and clean the bully out. Once licked the bully scarcely ever came back. In those days there were no such things where I lived as fly screens and when it came to eating it was a fight with the flies all thru the meal. Sometimes a fly or two would drop into the coffee, but nobody thought of throwing the coffee away on that account. It was unlucky for the flies, but the coffee couldn't be wasted.

"It was the same way with the food; if a fly got into it we just lifted him out and went on eating. This matter of being squeamish about flies is all a matter of education. According to modern ideas we violated every rule of health and all of us ought to have been dead, but somehow or other we went along taking all kinds of chances and filling ourselves with all kinds of dangerous microbes and still remained healthy and strong. Lots of people lived to be 80 or 90 years old and passed to their final reward full of microbes and a hope of a glorious immortality. If they had been worrying about what they ought to eat the probability is they wouldn't have lived more than half as long as they did without worrying."

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THE CURE followed him. "Baptiste, thou must sail the schooner and find him. He is mad. He has left his crew behind him and taken Leblanc and Pierre. And Mademoiselle Rosny is in their hands."

"What?" shouted Baptiste. "I go. At once I go."

"And Monsieur Askew, whom they have sworn to murder—"

"I do not go," said Jean Baptiste, and stopped dead.

The cure caught him by the arm. "Listen to me, Jean. His life and that of Mademoiselle Rosny are perhaps at stake."

Baptiste Breaks Down

"I do not go!" cried Baptiste again, and snatched up his trap. He strode to the door and turned fiercely upon Father Lucien, who followed him. "Let him die!" he shouted. "You know, mon pere, you know what he has done to me and mine!"

Lafe, who understood hardly a word of this colloquy, caught a precise sense of what Baptiste was saying, partly by the gestures, but more by his faculty brought out thru dialogues on many evenings with his friend Tremblay. He tugged at the cure's arm.

"Tell him that story ain't true, Father," he said. "That's what's worrying him."

But Father Lucien resumed, as if he had not heard:

"Even so, Jean, Mademoiselle Rosny's life, perhaps, is in danger. And even if this were not so, thou must return good for evil. Else his blood is upon thee."

"Let it be there! I would have killed him, only they pulled me away."

"It is thy duty, my son," said the cure quietly. "It is a hard test, Jean, but when God calls a man to duty, he must obey."

Baptiste began to break down. "Ah, mon pere, you ask me the hardest thing in my life," he groaned. "In the forests I have seen his face before me. I have dreamed that I had him by the throat, and started up with joy. I have struggled, and I have contrived to fight down my desire to slay him. And now you tell me I must save him. No, no, mon pere. Save the girl—yes, But let some one else sail the schooner."

"Say, Father Lucy, why don't you explain to him that that yarn's a lie?" persisted Lafe.

But again the cure ignored him. "We shall sail as soon as possible, Jean," he said. "Go back to the store and instruct the storekeeper to telephone to the crew—Drouin is one, and the others I do not know. And then return to me."

Jean-Baptiste stood like a statue. He hung his head, muttering. Then, slowly, he raised it and smiled into the cure's face.

"Enough, then. I go," he said gravely.

"Well, I'm darned!" exclaimed Lafe. "Say, Father, why didn't you tell him it wasn't true, that story?"

The cure smiled whimsically and laid his hand on Lafe's shoulder. "Ah, Mr. Lafe," he answered, "when exercise will cure a paralyzed limb, we do not use the crutch."

Lafe stared at him. And slowly he began to understand. Father Lucien's ways were often inscrutable, but somehow he got there in the end.

"Pray Out the Fires"

"By jing, you're a brick, Father!" he cried, striking the priest between the shoulders. "And say! I take it all back—everything! Go on and bless the cabbages. Go on praying out fires. Go on, go on! You've got the knack somehow—only I'm—I'm jingled if I see how you do it till it's all over!"

Baptiste, who had been telephoning inside the store, came out. "Drouin and Lachance will be at the wharf in fifteen minutes, Monsieur Tessier," he said.

The cure nodded and took Baptiste by the arm. The three began to stroll

toward the wharf. When they arrived at the wharf-head, however, instead of proceeding toward the schooner, the cure led the way, still holding Baptiste, toward Dupont's cottage. Baptiste stopped near the door.

"Where are you taking me, Father Lucien?" he asked. "I do not go there."

And, as the cure seemed bent on proceeding inside, he wrested himself away.

"No, mon pere," he said firmly. "I have obeyed thee once tonight, but now thou askest what is beyond thy right or power. I do not enter there."

"My son," answered the priest, "since thou hast chosen rightly tonight, I tell thee now that that story was not true. It was Pierre and Leblanc who took Marie Dupont to the island, and Monsieur Askew and Monsieur Connell here found her and saved her from them, and brought her home. In my pocket I have a letter. Tomorrow thou shalt read it and understand."

"Mon pere!" stammered Baptiste, and began to tremble.

"Learn it from her lips."

"Mon pere, I do not go inside that house. If it is true, I am not worthy. Besides, she hates me, and—"

Still holding his arm the cure opened the door. "Marie Dupont!" he called. The girl stumbled toward the door, saw Baptiste at the cure's side, and uttered a frightened cry.

Father Lucien took Jean Baptiste by the arm and led him into the house. He closed the door gently, but not before Lafe had seen Marie in Jean's arms. Lafe swore softly.

"What's the matter, Mr. Lafe?" asked Father Lucien.

"Nothing," answered Lafe shortly. "I was just thinking of Shoeburyport, Mass., that's all. You wouldn't understand. At least—"

He looked at the cure, and then it occurred to him that he was viewing him from an entirely different angle. For the first time in their acquaintance it occurred to him that Father Lucien was really a man underneath his long soutane.

The Rescue

When, a few minutes later, the priest opened the door, Marie and Jean came forward with linked arms, and their expressions were transformed. Jean grasped Lafe by the hand and looked at him earnestly, but did not say a word.

"Come now," said the cure. "The men are waiting on the wharf for us. Bon soir, Marie."

"I go with Jean," said the girl.

Out of the darkness a little light began to glow. It shone and sparkled, and suddenly raced skyward, disclosing the outlines of the schooner stranded upon the edge of the ice field.

Baptiste drove his vessel straight toward it, running upon the gale. The little group upon the deck watched in terror as the flames spread, until it could be seen that they enveloped the entire fore part of Dupont's schooner.

Dupont, in his madness, evading Brousseau, had set fire to the lumber with the aid of the petroleum kegs which he carried in the hold. And Brousseau, at the wheel, was striving desperately to run the burning vessel back into open water and cast her upon the ice-free shore of the south passage, beyond the point. In his fear he had forgotten Madeleine and Hilary.

As Madeleine crouched on the ice, still frantically endeavoring to recall Hilary to consciousness, the thinning mists rolled back. Looming up out of the darkness, and approaching rapidly, was the second schooner. At the same time voices hailed them. They had been seen.

Brousseau, upon the poop, yelled in answer. And he began to run to and fro in his excitement, possessed only by the fear of death by fire.

The flames spread. The cabin was now involved, and a great column of

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smoke was shooting skyward, carrying with it a fiery spark cloud.

Dupont came out of the smoke, his face alight with fanatic madness. He caught him by the arm.

"See the fine fire!" he shouted. "He won't get out of that in a hurry. I told her—that I would give her his life for the name, but I have not got the name. The name! What is it? The name!"

His voice rang out across the heaving waters, and, as he called, Baptiste swung down the wheel, and the second ship glided alongside and passed.

It drove off into the distance, driven by the whipping wind, but not before Dupont's words had been heard.

From the group upon Baptiste's ship a figure disengaged herself and stepped forward. It was Marie Dupont. She poised herself upon the deck, and her voice rang out above the gale and the sea.

"I give you the name," she cried. "It is Edouard Brousseau. It is he, and I give you my secret which I have borne all my life. Take it!"

She fell back into Baptiste's arms. And it seemed as if, with the breaking of the inhibition, her past life, with its fears and terrors, was melted into the life of happiness that was to be.

Dupont had heard her. For a moment they could see the tall figure of the old man, with his wind-tossed hair and beard, standing as if petrified upon his blazing deck. Then he cried out like a screaming sea-bird, and his arms closed about the man at his side.

As Baptiste turned and tacked it could be seen that the old man was holding Brousseau with one arm, as easily as if he held a child, while his free hand controlled the wheel again. What reservoir of strength he drew upon, what miracle of seamanship, could never be known. But, as if nature were aiding him, a veering gust caught the sails, and with a backward movement the schooner began to glide thru the entrance of the ice-field into open water.

The fire was all about them. Screams came from the doomed ship, but they came from Brousseau, struggling in Dupont's arms. Not a sound came from the captain's lips.

The vessel gained her freedom, she turned and began to drive eastward, toward the gulf and its open water. Faster and faster she went as the wind compelled her. The horrified watchers upon the deck of Baptiste's schooner saw the blazing vessel glide into the distance, a blazing comet, and Dupont, black against the heart of the fire, and Brousseau in his arms.

Legends of the Shores

Little was afterward remembered concerning the rescue. But from that night legends began to spread along both shores: of Baptiste's seamanship, and of Hilary, who, single-handed, saved the heiress of the seignior from Brousseau and the two outlaws.

But none of the principals in these events cares overmuch to dwell upon them, even in memory. And, tho memories live long in silence, gossip soon dies. All this is becoming a local legend, such as mothers tell to their babies.

But the St. Boniface mill now hums from dawn till dark, and the asbestos mine has brought in its workers and made St. Boniface quite a flourishing village in the north country.

Twice a month, when he pays his pastoral visit, you may see Father Lucien, still hale and strong, patrolling Ste. Marie with a curious hazel stick, fashioned with a knob at each end; and it is said that Ste. Marie is one of the best parishes on the north shore.

On Sundays, seated in the parish church, may be seen Simeon Duval, nodding his head approvingly as, point by point, the cure takes up his denunciation of liquor-selling. For Father Lucien really reached Simeon's soul with his hazel stick.

Marie has the best house in the village, for Baptiste does a thriving trade carrying the St. Boniface lumber.

Here is Clarice, who looks, somehow, just as one might have expected from Lave's descriptions.

"He wouldn't come home," she says to Hilary, "so I had to come after him. But he's coming home next October, to see his children and the new house."

"Bought and paid for," says Lave. "Yes, I guess that's correct, Mr. As-

kew. Tho I'll be back some day to see you all. It ain't so bad, this country—except for that pink and black porch Baptiste's put on his house. Darn him, what did he want to do that for? I tell you how it is: these people can't help breaking out somewhere and somehow; it's in their blood, that's what it is."

But in his heart he knows that the winter will see him back in St. Boniface.

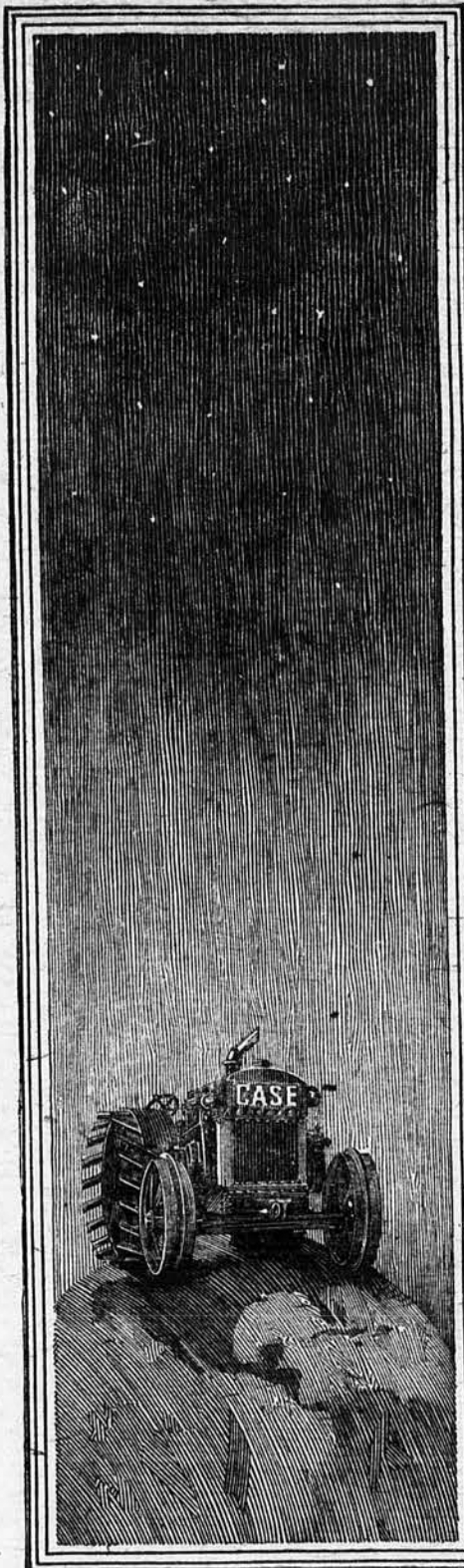
Madeleine smiles, and puts her arm thru Hilary's.

(The End.)

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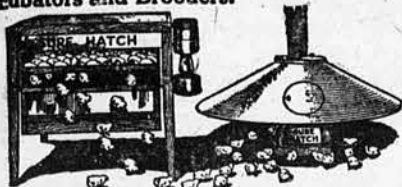
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Our Washington Comment

By Senator Capper

THE outstanding development of this Congress so far has been the way in which the West and South are standing together in matters affecting agriculture. This became noticeable the very first week of the session, when the resolution to revive the War Finance Corporation with a view to having it assist in stabilizing the market for farm products was before the Senate. The Senators from the Southern agricultural states stood with us from the West and obtained action on the measure before Congress had been in session a week. I am told that when the resolution is considered in the House a similar situation will develop.

Again in the debate on the Capper-Volstead co-operative marketing bill. Western and Southern Senators found themselves in accord. Some of the strongest champions of the measure were Senators from Southern states. This is not to be wondered at, for while cotton, the great Southern staple, was favored over the farm products of the North during the war, it has undergone a great slump, like wheat and corn and livestock, during the last year, and the South is suffering quite as much from a shortage of credit to its planters as the great agricultural sections of the North Central and Western states. The demand for fair treatment of agriculture in the extension of credits is quite as insistent from the South as from any other part of the country.

Tariff to Protect Farmers

I am very much in favor of immediate embargoes on imports of grain and livestock into this country. This is proposed in a number of bills offered in Congress. The farmer has been hit hard enough without being forced to meet the competition of cheap labor and cheap lands of foreign countries. Representative George M. Young, of North Dakota, Chairman of the Subcommittee on Agriculture of the Ways and Means Committee, has introduced a bill proposing a complete embargo for one year on wheat, wheat flour, barley, rye, oats, flax, wool, cotton, swine, cattle and sheep. He has introduced a second bill proposing higher tariff duties on certain items now on the free list, important among them being: Wheat, 50 cents a bushel; rye, 20 cents; corn, 30 cents; flax, 50 cents; sheep, \$2.50 a head, and horses, \$50 a head. The embargo is proposed as a measure of immediate relief, while the tariff bill is designed to afford farmers proper protection in the future. It is expected that Southern Senators very generally will support these measures. While the South is not so deeply concerned in these items as states farther north, yet the flood of Canadian wheat, cutting off as it did 50 cents a bushel on the price of wheat, is such a striking object lesson of the ruinous policy of free trade that even these Democratic Southern Senators are impressed. I am firmly of the opinion that we shall have a tariff early in the Harding Administration that will give ample protection to American farm products, as well as the American manufactured products, and that we shall for the first time have considerable support from Southern Senators. Heretofore the only Southern protective tariff Senators have been the two Louisiana Senators, who favored a protective tariff on sugar.

Hard Blow for Farmers

How hard the farmers of the country have been hit by the slump in prices of their chief staple products is shown by final estimates of the Department of Agriculture recently made public. With the 12 principal staple crops more abundant this year than ever before, the cash value of farm crops dropped from \$14,087,995,000 to \$9,148,419,000. This shrinkage of 5 billion dollars in the total value of farm crops is as much as the total appropriations of the Government. It is as if all the rest of the country were relieved and the farmers compelled to bear the whole expense of the Government by the loss suffered in the price of farm products. The country is

richer than ever before in the abundance of its agricultural production, but the producers, the farmers, are poorer than before. Corn, with a record crop, shows an increase of 33 million bushels, with the lowest prices a bushel in many years. Winter wheat with an increase of almost 48 million bushels, barley, increase 11 million bushels, and tobacco, an increase of 32 million pounds. Yet in spite of these enormous increases the cash value of the products is less by 5 billion dollars.

The amazing thing is that many people in the East cannot see that this blow to the farmer is bound to react, is already reacting, in fact, on their business, by the destruction of the greatest buying market in the country—the farmer market. Too late it will be realized that all business has suffered irretrievably by reason of the Government's short-sighted policy in denying the farmers proper credit, so that they might not be compelled to dump their products on a ruinous falling market.

The Tax Question

The tax question is to the fore again in Congress. In hearings before the House Ways and Means Committee considering tax revision, Dr. Thomas S. Adams, one of the tax experts of the Treasury Department, revealed that there is more than a billion of uncollected taxes, some of it dating back to 1917. He said the auditing of the 1917 tax returns was not yet completed, mainly due to the inability of the Treasury Department to complete the checking up of corporation income taxes and the taxes paid to retailers on luxuries and semi-luxuries, such as soft drinks and confectionery. Doctor Adams opposed the much-discussed sales tax, as a substitute for the excess profits tax, and urged a flat 16 per cent tax on corporations' earnings as a substitute for the excess profits tax.

Without question a great effort will be made to repeal the excess profits tax, and there has been much agitation in favor of a general sales tax. I believe the prospect of enactment of such a provision, which would place a still greater burden on the general public, is not glowing, however, and that the excess profits tax will not be repealed unless a substitute is found which will produce an equal amount of revenue, such as an increase in the graduated income tax. This would get the money from those best able to pay, persons of unusually large incomes.

In revising the tax laws an effort will be made to institute a simpler form of return. Under the complicated rulings of the Treasury Department it has been impossible for the farmer, or even for many business men, with their superior systems of bookkeeping to make an accurate return. The form of return must be simplified, not only as a relief to the taxpayer, but to expedite and make less expensive the process of collection.

Big Army Deficit

The War Department, thru Secretary Baker and General March, the Chief of Staff, is continuing its effort to force Congress to provide for the maintenance of a large army. Secretary Baker admits there will be a deficit of not less than 60 million dollars this year, and House experts say that it will amount to 100 million dollars. The War Department desires an army of around 300,000, while the House Committee is determined to force the United States Army to a basis of not more than 175,000 men. The leader in the opposition to the War Department plans is Representative D. R. Anthony, Jr., of Kansas, who is prominently mentioned for Secretary of War in President-elect Harding's Cabinet. Representative Anthony is regarded as the highest Congressional authority on Army affairs, and his fight to bring the Army back to a proper peace basis is worthy of the highest praise.

Arthur Capper

Washington, D. C.

Feed Cows for Production

G. C. WHEELER

Under-feeding is the most common mistake of dairymen. A 1,000-pound cow requires an equivalent of the nutrients in 8 pounds of clover hay and 20 pounds of good corn silage a day merely to maintain her body. Cows of distinctly dairy temperament may seem to continue production without having the necessary nutrients above maintenance supplied, but it is at the expense of their own bodies. Cows actually take mineral matter from their own bones to supply the minerals of the milk they are producing. Nutrients from feed consumed during a dry period and stored in the body can thus be drawn upon for milk production when a cow freshens.

A properly fed cow giving 20 pounds of milk daily uses about half of her feed for maintenance and half for milk production. After having feed enough for maintenance it would be poor economy to withhold any of the other half which she would use for milk production. And yet this is what some dairymen are tempted to do when feed is high in price. If the allowance of feed is cut one-fourth it means that the productive portion is reduced one-half, for the cow will use all that is needed for maintenance before using any for milk. If the ration is reduced 50 per cent the productive portion is wiped out entirely. A milk cow to be profitable must be kept busy turning all the feed she can handle into milk.

Economy in production requires that there be maximum use of roughage. If there is roughage of poor quality to be consumed, it usually can be fed to stock cattle or young stock. The producing milk cows should have the choice roughage and be given all they will clean up. They will eat more if fed three times a day instead of twice a day. Grain should be fed in proportion to the milk the cow is giving. To a Jersey or a Guernsey feed a pound of grain to every 3 to 3½ pounds of milk produced. To a Holstein, Ayrshire or Shorthorn cow, give 1 pound of grain to every 4 to 4½ pounds of milk produced. A grain mixture frequently recommended consists of 4 parts corn chop, 2 parts bran, and 1 part cottonseed meal, all by weight.

Natural Soil Fertility Resources

Making the natural soil fertility-resources available for widest distribution and advertising their values in working out a cheap and permanent fertility system is the fundamental idea around which the Association of Natural Soil Fertility Resources centers its program of activities. Lime, gypsum, rock phosphate, potash shales and other similar products are nature's reserves of soil fertility. This association which held its first meeting in Chicago last fall proposes to organize and make a systematic study of these resources and the best means of making them available in keeping up our crop production. Examples were cited dating back a hundred years showing how the judicious use of rock fertilizers with the right kind of rotations had kept up the producing capacity of the soil. Reference was made to "The Illinois Permanent Fertility System" which involves the use of ground rock phosphate and leguminous crops. A number of important committees are working out the organization details and investigating special phases of the problems presented.

"Andy" Back in Manhattan

B. M. Anderson, popularly known as "Andy," and popular wherever known, is back with the animal husbandry department of the Kansas State Agricultural college. A few years ago he was known as one of the most valuable and efficient assistants. The last few years Mr. Anderson has had the management of the Hereford herd of J. O. Southard, one of the biggest in the state. Changes in the animal husbandry department of the college at Manhattan so increased the duties of Prof. F. W. Bell that he was unable to continue handling the secretaryship of the Kansas State Livestock Registry Board. For this duty and other important work connected with the animal husbandry department, Mr. Anderson was secured.

Milk is an essential food for growing children.

For Our Young Readers

Grandmother Tells the Christmas Story

BY KATHLEEN ROGAN

IT WAS the evening of Christmas day and the tired little cousins gathered about Grandmother for a story. But first Grandmother asked a question.

"When you wish to show mother or father or little brother or sister that you love them what do you do?" she asked.

"Give 'em my new top," said little Jack.

"Give them a kiss," suggested small Muriel shyly.

"Yes," said Grandmother, "you give them something. And if you love them a great deal you give them the best you have. Well, a long time ago people didn't know that God loved them. The warm sun told it, the moonbeams whispered it, the flowers and trees and green fields breathed it, and the birds sang about it—but folks were too busy to notice it. So God became grieved, and thought and thought about what He could do to make the people see that He loved them, for you see, if they once understood that He loved them, then they wouldn't do anything to make Him sorry. So He determined to give them the very best He had—His greatest treasure. And what do you suppose it was?"

"His new kittycar," suggested Harold hopefully.

"The walking doll Santa brought Him," said Nellie.

"No, it wasn't any of these things," went on Grandmother. "It was His very own son—Jesus. And He thought and thought about the best way to have Jesus come to earth. You see, He wanted every single person on earth to love His son, so He couldn't send Jesus as a rich man, for then the poor people wouldn't get to know him. Nor could He send a poor man, for then the rich people wouldn't meet him. So He sent—what do you suppose?"

"A tiny baby," offered Muriel.

"Yes, just a little baby, for you see, everyone loves little babies. And then He had to think of a way to get the baby Jesus to the earth. So He sent an angel to a young carpenter and his wife, telling them that the baby Jesus was to be their child. And so Jesus became Joseph's and Mary's little boy. But just before the baby was born it happened that, according to the law of the Romans, the taxes had to be paid."

"Ours are due in December," volunteered wise little Joe.

"Yes, well it happened that Joseph must go to his native town to pay his

taxes. So he and Mary journeyed to Bethlehem. Joseph walked and Mary rode a donkey. But when they reached the town it was so crowded with tax payers that there was no room in the inn for Mary and Joseph. So they sought shelter for the night in a stable near the inn. It was more like a cave, tho, just a shelter for the oxen and donkeys and sheep of the place. And here among the animals the little baby was born. And his mother placed him in the manger on the clean sweet hay."

"And the sheeps didn't hurt him or anything?" anxiously asked wee Gracie.

"No, for you see, God was watching carefully from above so that nothing could hurt His son. And when the baby was born God set about letting people know about it. To a group of shepherds on the hillside He sent an angel to tell it, and a Heavenly chorus sang glory to God and peace on earth to men of good will. And the angel told the shepherds where to find the babe, and they came to the manger where Christ lay and brought—what do you suppose their gift was?"

"A sheep," suggested Harold.

"A little baby lamb," offered Muriel. "Yes," continued Grandmother, "a baby lamb. But they weren't the only ones who came with gifts. Away off in the East lived three wise men. They followed a bright star which God set in the sky to guide them and came to Jerusalem. But they lost the star there and had to ask Herod where to find the new king of the Jews."

"Herod was a bad man," volunteered Joe.

"Yes," nodded Grandmother, "and when he heard that a new king was born he became jealous. For he was king and wanted no one to take his place. You see, everybody thought the new king was to rule on earth, when it was only God's meaning that he should rule in men's hearts. But Herod pretended great interest in the little babe and told the wise men that the old prophets had said the new king should be born in Bethlehem, bidding them send him news so that he too might go and worship. And then the guiding star appeared and led the wise men to the stable where the Christ child lay. And they worshipped him and gave him rich gifts of the best they had."

"Birthday presents," explained Harold.

(Continued on Page 14.)



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And left us just a lot of toys.
To help us in our play.

To every one of four of us
He gave a baby dollie;
And then we had to name them all—
I call mine Jeannie Mollie.

And Eunice got a buggy.
And Dot a little bed,
And Ruth and I a pretty rug
All brown and green and red.

We play that we are grown-ups
And have a house to keep;
And we must do our dishes
And wash and iron and sweep.

Sometimes we play at party;
We take our children, too,
Tho Jeannie Mollie—she cries so much
I don't know what to do.

I put her in a buggy
And wheel her up and down,
And when she stops her fretting
I dress her up for town.

But all my sisters' children
Are good as good can be;
Somehow, it seems old Santa
Must have a pick on me.
—Rachel A. Garrett.



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Here is the chance you have been waiting for to get a beautiful, playful, little Shetland Pony. I have given away over 100 of these ponies to children all over the United States. 100 children have been made happy with these playful ponies—they were sent prepaid, without a cent of cost. I am going to give away several more ponies, and I want every family that reads this paper to have an equal chance to get one.

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Don't put off this chance—don't wait. Write your name and address plainly on the coupon below and send it to me, and you will have an equal chance to receive one of the real live ponies that I am going to give away soon. You stand just as good a chance as any other boy or girl, and it does not cost you a cent. Get a pencil and write your name now.

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Mrs. Ida Migliario
—EDITOR—

Short Articles for the Holiday Evenings Around the Library Table

I HOPE there never was a mother who would not tell stories to her children, for there is nothing in the child's life that has quite the same fascination for him. The mother who is not a good story teller can at least read to her little ones.

But what to read is a big question. A great many of us unconsciously pick up any child's book and think we are reading what is good for him because it is a child's book. And there we make a big mistake. If I could have my way, and others feel the same, a great many of the stories told and read



to children would cease to be printed. The race has outgrown them and I doubt if they were ever suitable for young children.

Now I am speaking of a great many of the old standbys, too. Many a child's dread of the dark is due to nothing else than the gruesome things described in these stories. As stories usually come before bedtime, it is the worst time to leave an impression of horror on the child's mind.

You told Elsie about little Red Riding Hood tonight, did you not? And did you notice how large and round her eyes were when you told of the poor old grandma being gobbled up by the wicked wolf? Most children have an especial spot in their hearts for their grandmothers, and the thought of one being gobbled up by a wolf is not a happy picture. Then you wondered why she slept fitfully, tossing about, finally begging to be taken in bed with you.

Jack-the-Giant-Killer is another hair-raiser that has blanching children's faces from time immemorial. Giants who have a habit of roasting people in dungeons and roaring "fa fe fi fo fum" in blood-curdling tones are not very good companions for young children to take to bed with them.

Many of the Mother Goose jingles are harmless enough, but even some of those need to be blue-penciled. Just because they have been handed down for a number of generations is no sign that they are altogether good. Children have feared the dark for all these generations, too. We progress in other things and it is high time we read or told our children only that which is good and beautiful and helpful. They have time enough to learn of the horrors with which the world is still infested.

Some Good Books for Children

The animal stories by Thornton W. Burgess are much enjoyed by the children and contain no blood-curdling details. Alice in Wonderland never will grow old, and some of the Greek, Roman and Norse myths can be told without harmful results. Anderson's fairy tales are almost all good, and the poems of Eugene Field and Robert Louis Stevenson are a delight to small children. I think it is a good idea to read some of the poems more suitable for children from the great poets, at an early age. Parts of Hiawatha will be enjoyed by a child if a little explanation is added. The music of poetry always appeals to a child and in reading from great authors you are instill-

ing a love of the best. James Whitcomb Riley wrote some wonderful children's verses, but there is this objection to them—they are written in dialect and are not at all helpful to the child's English.

Stories from the Bible seldom appeal to the child unless they are told in your own language or read from a book which has put the best stories into simple language. I am familiar with only a few of these books and consider the one by Della Thompson Lutes the best. This may be obtained from the Arthur H. Crist Co., Coopers-town, N. Y. The price is \$1.25.

When the children are of school age interesting games can be played with them by forming a circle and letting each one tell a part of a story and then passing it on to the next. You will find they like this and it is good training for them. Mrs. Velma West Sykes.

Removing Those Stains

BY FLORENCE B. CATON

No matter how careful we may be of our clothes and house linens, we know that stains persist in getting on things. It may be that a berry slips off the spoon as we are serving dessert and leaves a red stain on the table cloth; that in walking thru the yard we get grass stain on a white skirt. But no matter how the stains get on things we are concerned with the means of removing them.

A new stain is easier to remove than an old one, so it should be taken out as soon as discovered. If chocolate or cocoa is spilled on house linen or clothing, rinse in hot water and pure soap

"God send a blessed Christmas
To every patient life;
A little resting from the toll,
A surcease of the strife,
May faith breathe words of gentle cheer,
Hope point to roses blowing near,
And tender love and friends sincere
Make this a blessed Christmas."

suds. If this fails try sprinkling borax on the stain and soaking in cold water before washing again in hot water.

If it is coffee stain, pour on boiling water from a height of 2 or 3 feet. This is effective on a new stain, but if it has stood several hours wash in soap and water and lay the material in the direct sunlight. Borax and hot water will remove a tea stain.

Boiling water is the first aid for fruit stains. It would never do to let the cloth go to the wash without first removing the stain, for it would be set by the soap. Lemon juice and sunlight will almost always remove a stubborn fruit stain.

If you have a grass stain with which to deal, hot water and soap may remove it. In case it does not, wood alcohol may be applied by sponging. Perhaps grease is the most common stain. This may be removed with soap and water, which emulsifies the grease. French chalk placed on the stain and allowed to stand over night will absorb the grease. One may try placing the grease spot between two blotters and pressing with a warm iron. This method applies also to a paraffin stain. As a last resort the grease may be dissolved with ether or chloroform. Be sure to use them outdoors, as they are inflammable.

Ink is another bugbear. Oxalic acid crystals and boiling water is good on white materials and milk for colored ones. Let the milk remain long enough to become sour and the lactic acid formed will remove the ink.

For iron rust, apply dilute hydrochloric acid drop by drop. Rinse thoroughly in borax water to neutralize the acid that may remain in the material. When mildew appears on clothes it may be removed with lemon juice or it may be soaked in sour milk for about 24 hours.

Lemon juice and sunlight are effective for scorch stains. Pure turpentine will remove a fresh paint stain or one made by vaseline.

When removing grease from wall paper rub the spot with powdered chalk and let remain 1 hour; then rub the chalk off with a soft brush or woolen cloth. Repeat several times.

Accompaniments for Soup

BY MARGARET PALMER

Soup is served a great deal during the winter for the noon and evening meal. The accompaniments are often the making of the dish and should be served according to the kind of soup. Crackers, as a rule, are served with it, but there are other accompaniments that are appropriate and acceptable for a change.

To make croutons, which are excellent for soup, cut stale bread into 1-inch squares and place them in a moderate oven to dry and brown slowly. If these are placed in a tightly covered tin box, they will keep indefinitely. Often crumbs are fried until a golden brown in hot fat, but when prepared in this way, they should be used at once. To vary the already prepared croutons, mix together thoroughly two parts of butter and one part of grated cheese and spread some of this over the croutons just before serving. If one wishes to make them more fancy, sprinkle finely chopped parsley over the tops of the croutons after spreading with the butter and cheese. Or one can press a tiny well-shaped sprig of the parsley into the centers if she wishes to take the time.

Bread sticks and straws are made in the same way. Cut the bread sticks ½ inch thick and 2 inches long. Straws are as wide, but cut 4 inches long. Just before bringing them to the table, crisp them in the oven and brush the tops with butter. Another method is to cut stale slices of bread 2 inches wide and 4 inches long. Brown slightly in a moderate oven and just before bringing them to the table, cover each one with grated cheese, sprinkle with a little paprika and return to the oven to finish browning.

Bread sticks are attractive if they are brought to the table piled log cabin fashion on a plate; or they may be piled thus on bread and butter plates. Stale bread fixed in any of the ways suggested, can be served with any kind of soup at any meal.

Poached Eggs With Consomme

Consomme is one of the lighter soups and is nearly always served clear, but try poaching a fresh egg for each person in the consomme and then carefully lift each egg into a soup bowl and strain some of the hot consomme over them. Toasted crackers go well with this. Try adding a few short pieces of macaroni or spaghetti for variety. Cook either of these in salted water until tender, then put in a colander and pour cold water over it before adding to the consomme.

Popcorn goes well with cream of corn soup or any of the soups made largely from milk. Use freshly popped corn. Children will enjoy this.

Small dumplings can be served with any of the soups made from beef, mutton, chicken or veal, and are made with little trouble. To each cup of sifted flour, add 1 teaspoon of baking powder, a pinch of salt and enough sweet milk to make a dough that is firmer than that for biscuits. Roll ½ inch thick and cut into ½-inch squares. Drop into the soup kettle 10 minutes before time for serving the soup. Keep the kettle covered while they are cooking so they will steam done.

Serving force-meat balls with a beef

or chicken soup, makes it almost a full meal in itself. To make them, run ½ pound of lean beef thru the meat grinder and to this add the yolk of 1 egg, 1 teaspoon of melted butter, ½ cup of stale bread crumbs, a pinch of salt and a dash of pepper. Moisten with a little of the soup stock and form into small balls. Brown in hot fat and drop into the soup just as it is being served. With chicken broth, make the force-meat balls of ground chicken instead of beef. Roll in flour and drop into the soup a few minutes before serving. This offers an ideal way of using left-over beef and chicken.

How to keep pots and pans clean is one of the problems every housewife has to face, judging from the comments heard when women are talking over household matters. The home economic workers at the New York state college of agriculture say a small amount of washing soda in the hot soap water in which the pots and pans are washed every time they are used is a great help. A pound of washing soda to 4 quarts of water makes a solution of the right strength to add to the wash water.

Mothers will find union-balls the best play suits for boys. They wear well and launder easily. And have you seen the shoes with metal caps at the toes to prevent scuffing?

The Winter Blouse

9892—Woman's Blouse. This new overblouse will make up well in dark satin. The trimming is a collar, vestee and piping of contrasting material. Sizes 36, 38, 40 and 42 inches bust measure.

9911—Woman's Blouse. Picot-edged ruffling will add a dainty touch to this



semi-tailored model of crepe de Chine. Sizes 36, 38, 40 and 42 inches bust measure.

9896—Woman's Dress. This two-piece costume may be made of wash materials or of crepe de Chine or satin. Sizes 36, 38, 40 and 42 inches bust measure.

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

Women's Service Corner

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

Switches from Combing

I should like to obtain the address of someone who makes switches from hair combings.—F. K.

Field's Hair and Doll Repair Shop, 904 Kansas Ave., Topeka, Kan., is a reliable firm, to which you can send combings to be made into switches.

Removing Milk Stains

Will you please tell me how I can remove milk stains from a serge skirt?—A Subscriber.

Wash the stains in cold or luke warm water, then sponge with soapy water and lastly with clean water. Allow the serge to dry, then sponge carefully with chloroform, gasoline or naphtha.

When Ants Annoy

I have tried several methods of ridding my pantry of ants but none have been successful. Could you suggest a remedy?—Housewife.

Wash the pantry and woodwork with a strong solution of alum and water; or, mix equal quantities of powdered sugar and borax and strew it on the floor and shelves; or, sprinkle salt on the shelves.

Test for Fresh Eggs

Is there any way to determine the freshness of eggs?—Mrs. M. K.

Drop the eggs into a pail of water. The eggs that are fresh will lie flat on the bottom of the pail; those that stand on end are doubtful, and those that float are bad. Another method is to hold the eggs in front of a strong light. If they are fresh, they will be translucent. If they are bad, they will appear dark.

Utilizing Stale Bread

Will you please print a recipe for a pudding that calls for stale brown bread?—Subscriber.

Soak 1 cup of brown bread crumbs in 1/2 cup of milk 15 minutes. Make a custard of 1 1/2 cups of milk, 3 eggs and 2 tablespoons of maple sugar, and pour hot over the crumbs. Beat the whites of 2 eggs with 1 tablespoon of sugar and 2 tablespoons of thick cream; stir lightly into the pudding. Bake 30 minutes in a moderate oven. Serve with cream.

The Baby's Coat

What kind of material is best for a baby's coat? My baby is 3 months old.—Mrs. R. S.

The baby bunting style is the warmest and most convenient for a baby of that age as it protects the hands and feet as well as the body. For this you can buy the bathrobe blanket material in pink or blue figures, or a piece of heavy white wool goods. Outing flannel makes a good lining. Fasten with the large sized snaps and put a piece of swansdown around the face.

A Place for Everything

BY CATHERINE DODGE

How many housekeepers do you know who are willing to throw open their closet doors? The closets may be many and large, but there never are enough of them because they are not properly utilized. The size has little to do with it. Extra floor space means a little more room for the medley of shoes, and for the garments that fall off the crowded hooks. Extra wall space means but few additional hooks, and the gain is in no way in proportion to the cost or to the room that must be sacrificed.

Efficiency is a sadly overworked word, but closet efficiency is what we need. A closet 2 or 2 1/2 feet deep, with a rod thru the center, will hold a large number of garments on hangers. Coat and skirt hangers are necessary to keep clothes in good condition. They cost but a few cents and no garment can remain in good order long without them. When hung on a rod the article wanted can be located instantly, so there is economy of time. A wooden pole may be put up with curtain sockets, or a broomstick may be held in place by resting its ends in coat hooks screwed under the shelves at the opposite ends of the closet. One girl has stretched a bit of rope from one hook to another. A little ingenuity will solve the problem.

In place of the long pole, small steel rods can be used under the shelves at either end. These can be made at a hardware store. The ends are bent up, like interrogation points, and hooked into screw eyes under the shelves. These rods should run lengthwise, and far enough forward to allow plenty of room for the coat hanger. A rod 15 inches long will hold a dozen or more garments. A similar space on the wall would be crowded with three hooks.

Two shelves all around above the pole will provide room for hats, boxes and extra bedding. If these shelves are made with drop doors, hinged at the bottom and snapped at the top, the dust will be excluded and they will serve the purpose of drawer or chest room.

A couple of small, low shelves at the bottom of the closet will make a



good place for shoes—all the better if they are divided into little stalls. It is a relief not to have shoes, slippers and rubbers on the floor.

One of the greatest conveniences consists of a door pocket large enough to cover the entire inside of the closet door. I have one on my closet door made of strong denim, which has 35 pockets in it. In the hem at the top is slipped a wooden slat, such as is used in the bottom of window shades. In the ends of this are a couple of screw eyes by which it hangs securely from hooks at the top of the closet door. Two rows of shallow pockets hold string, brushes, shoe cleaners, extra hair pins, and in fact, all the odds and ends that usually clutter the bureau drawers. Such a pocket should be made of strong material and the pocket strips bound with tape.

If the inside of the door is not utilized in this way, a place may be made for umbrellas. To the corners of a narrow shelf fastened on the door a few inches above the floor, nail two upright strips about 30 inches high. Complete the rack by means of connecting strips at the top and a little band around the shelf to keep the umbrellas from slipping out.

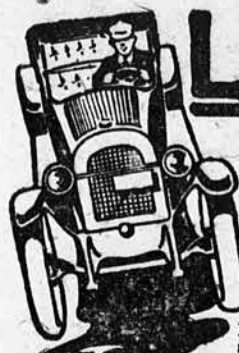
When building, watch for spaces between walls that can be used for small closets. Frequently an excellent place for linen can be made in an upper hall. Often there is waste space next a chimney that can be used in this way. In such places it is advisable to use shelves with drop fronts to avoid the inconvenience of a swinging door. A shallow closet can be built in the bathroom between the walls. A small one built in over the lavatory, with a mirror in the door, will do away with the need for a cabinet.

In the kitchen, a similar place is ideal for the ironing board. When not in use, it is shut back into the wall where it keeps clean and is out of the way. When needed the door is opened and the board unhooked when it drops into place, supported by a hinged leg. A couple of shelves at the bottom of the closet, under the board, will hold the irons and a few laundry supplies. All this is done without the sacrifice of any room in the kitchen.

Another waste space that can be used to good advantage is under the treads of the stairs. Here is room for several drawers where rubbers, skates and baseballs or letters, pictures, papers and magazines may be placed.

Indeed it is interesting to find how much room has been walled up in our houses. If the housewife will follow after the builder she may be closeted to her heart's content while taking but little from the body of the house.

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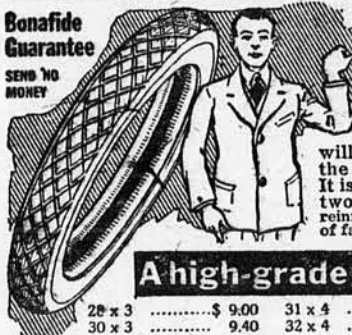
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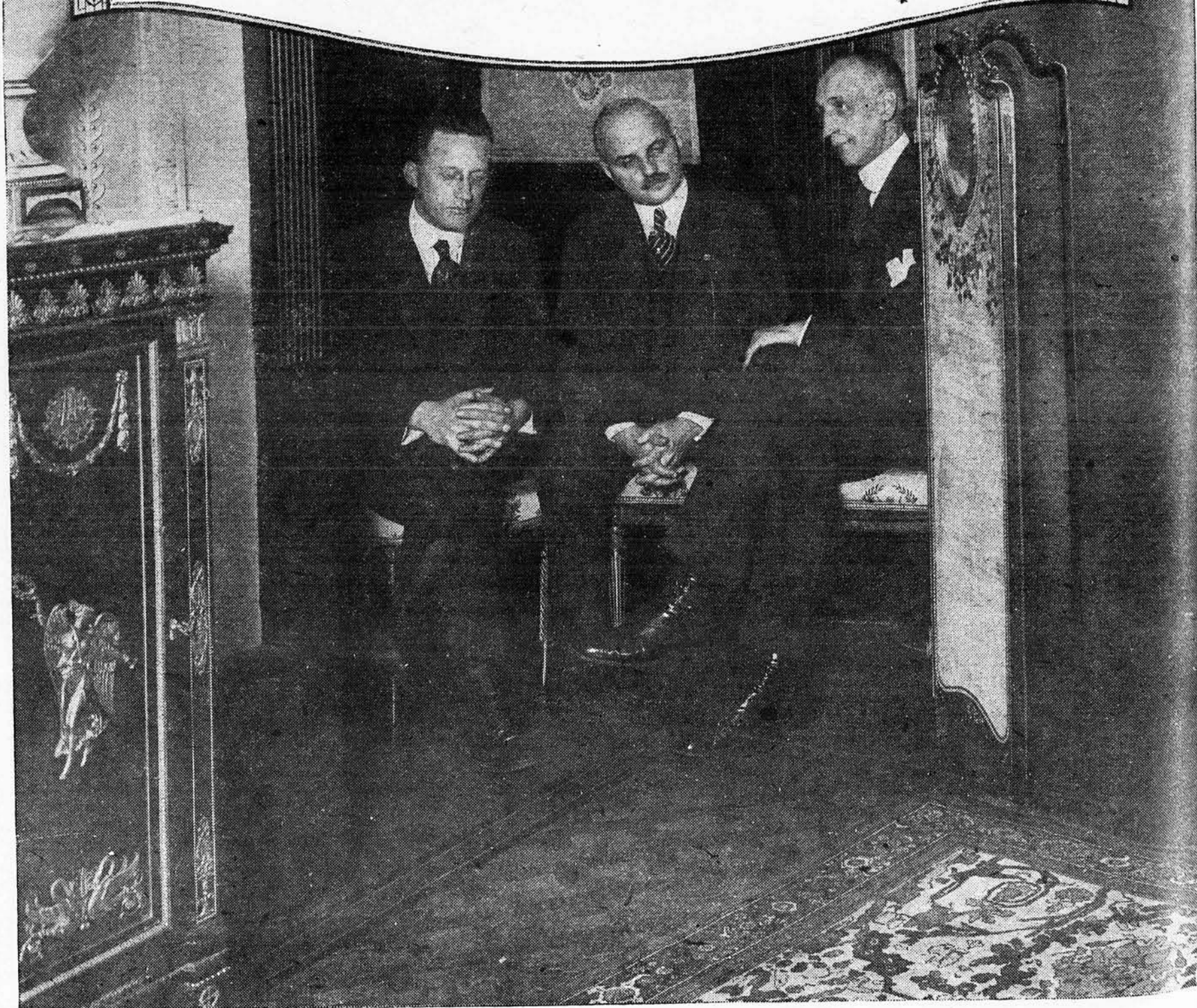
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RULES Anyone may participate in this Prize Spelling Club. Write as plainly as you can and on one side of the paper only. Make as many words as you can out of "Market." For instance, you can make the words make, rake, take, tare, etc. Do not use more letters in the same words than there are in the word "Market." For instance, do not use the word "meet," because that takes two "e"s and there is only one "e" in "Market." Proper names, prefixes, suffixes, obsolete and foreign words will not count. Words spelled alike but with different meanings can only be counted as one word. Your list will not be accepted in this Prize Spelling Game unless you send in a one-year subscription to the Household accompanied by a remittance of 50c. You can send in your own subscription or that of a friend. It doesn't make any difference. In the event of a tie between two or more club members, each tying club member will receive a prize of the same value in all respects to that tied for. This Prize Spelling Game closes February 28th and the winner will be announced as soon as the Judges can determine who has the largest list of correctly spelled words made out of the word "Market." Webster's New International Dictionary will be used as authority.

The Household
Puzzle Dept., Topeka, Kan.

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Crops Show Good Yields

Grain Production Worth 400 Million Dollars

BY JOHN W. WILKINSON

GRAIN CROPS in Kansas of all kinds made good yields last year and added \$410,195,853 to the wealth of the state. Slumps in the markets during the past two months made the values of the crops for 1920 about \$10,300,000 below those of last year, altho the total production was less. When these crops have been marketed farmers will begin buying more heavily and this will help to bring about a healthy business revival. However, the farmers of Kansas have not let this worry them in the least, and according to E. C. Paxton, agricultural statistician of the United States Department of Agriculture, they have planted this fall 10,367,000 acres of wheat, which on December 1, showed a condition of 83 per cent, or 6 per cent more than that of last year and 3 per cent more than the 10-year average.

The final crop estimates for the year in Kansas, made by J. C. Mohler, secretary of the state board of agriculture, show a yield of 140,842,516 bushels of wheat, or an average of 15.7 bushels an acre.

Last year's crop was 146,109,192 bushels. Corn production in Kansas this year was 132,786,130. The average production was 25.85 bushels an acre. The 1919 figures showed a corn yield of 63,083,497 bushels. The state produced 63,093,304 bushels of oats in 1920 as against 41,973,806 bushels in 1919. The average yield of oats this year was 31.96 bushels an acre.

The yield of barley was 20,830,072 bushels, as compared with 12,882,000 bushels for last year. The yield of grain sorghums was 26,536,553 bushels, which is greater than the yield for any previous year since 1915, when the production was 30 million bushels.

The general condition of farm work and livestock in the state is satisfactory. Local conditions are shown in the following crop reports from our county correspondents:

Chase—We have been having excellent weather the past week. The ground is in good condition. Wheat is excellent. Corn husking is nearly completed. Eggs are the only product a farmer can sell at a profit.—G. O. Pracht, December 18.

Cowley—The recent rains have delayed fall work. Kafir and cane were good crops this year. Some kafir is making as high as 50 bushels an acre. Some fields of corn yielded around 80 bushels an acre. All kinds of stock are in good condition but the prices are low. There is very little wheat large enough to pasture. The following prices are paid: cream, 37c; wheat, \$1.60; bran, 60c; kafir, 45c and eggs are 65c; hens, 18c; cows, \$4.75 a hundred; hogs, \$8.75.—Fred Page, December 18.

Crawford—We have been having excellent weather the past week. Corn husking is progressing satisfactorily. Wheat looks well but it is rather short. All kinds of stock are in excellent condition. Very few hogs and cattle are being fed on account of the poor market prospect.—H. F. Painter, December 18.

Ellis—We have been having cold, windy weather the past week. Wheat is worth \$1.45; corn, 80c; barley, 80c; flour, \$5 a hundred pounds; butterfat, 35c, and eggs, \$8; eggs, 70c; turkeys, 29c.—C. F. Erbert, December 17.

Greenwood—There is a considerable amount of corn husking to be done. Not many fat hogs are going to market. Very little kafir has been headed and threshed. Wheat is worth \$1.70; butterfat from 35c to 40c; corn, 54c; yellow corn, 65c, and eggs are 65c.—A. H. Brothers, December 18.

Doniphan—We had our first snow on December 13. Farmers are nearly thru husking corn which made a good yield. Wheat is excellent. Farmers are complaining about prices. Hogs are worth \$9; potatoes, \$1.25; chickens, 16c; eggs, 60c and wheat is \$1.50; corn, 55c; butter, 40c.—B. B. Ellis, December 16.

Harper—Wheat is excellent. Corn is about half gathered and but very little has been shelled. Kafir and milo are nearly all gathered. There has been more wheat sown in this county than last fall. Not many public sales have been held. Some land is changing hands. Wheat is worth \$1.50; corn, 50c; cream, 35c; butter, 35c and eggs are 60c; potatoes, \$2; oats, 50c; hogs, \$8.75.—H. E. Henderson, December 18.

Hodgeman—We had good rains December 6, 7 and 8. Wheat is in excellent condition. But very little wheat is going to market. Farmers are threshing kafir and cane. Wheat is worth \$1.50; cream, 38c, and eggs are 75c; hens, 16c.—W. B. Severs, December 18.

Kiowa—About 65 per cent of the corn is gathered. Wheat and rye are excellent. Farm products of nearly every kind are being held for better prices. Corn averages about 14 bushels an acre. Corn is worth 50c; wheat, \$1.35; rye, \$1.10; butterfat, 42c; eggs, 60c.—H. E. Stewart, December 18.

Linn—Wheat is large enough to pasture. Very little flax has been sown of late years. Corn is very cheap and coal high and a number of farmers are talking of using corn for fuel.—J. W. Clinesmith, December 18.

Republic—Growing wheat is excellent and is still affording pasture for stock. Very few public sales have been held as prices are not satisfactory. Corn is nearly all husked. All farm products are very cheap. We are having excellent weather for this

time of the year. Wheat sells for \$1.35; corn, 40c and oats are 30c; hogs \$7.—E. L. Shepard, December 18.

Books—Farmers are husking corn. Wheat is worth \$1.50; corn, 50c; bran, \$1.50; cream, 35c and turkeys are 30c; chickens, 16c; hogs, 8c; eggs, 55c.—C. O. Thomas, December 18.

Roots—We are having excellent weather. Cattle, hogs, horses, sheep and all livestock are doing well. Wheat is worth \$1.40; corn, 25c to 60c; butterfat, 35c, and oats are 60c; eggs, 50c.—C. T. Thomas, December 17.

Rush—We are having good weather. We have not had much snow or frost. Ninety per cent of the wheat is excellent. Livestock is doing well. Some wheat is being marketed. Wheat is worth \$1.47; flour, \$2.50; corn, 60c; butterfat, 35c and eggs are 65c.—A. E. Grunwald, December 18.

Sedgwick—The weather has been favorable for the wheat but there is about 10 per cent less being sown than last year. Fruit buds are in good condition for winter. There is some corn to be shucked. Not many public sales are being held and prices are very discouraging. Bank credit is very limited. Wheat is worth \$1.50; corn, 60c; veal, \$8; butter, 60c; milk, \$3 and hens are 18c; oats, 55c; hogs, \$8.60; eggs, 65c.—F. E. Wickham, December 17.

Sheridan—Conditions for winter wheat are excellent. Horses are selling low. The cattle and hog market is very weak. Wheat market is very unsteady, ranging from \$1.45 to \$1.62; barley 45c; corn, 50c; cream, 38c; flour, \$4.60, and eggs are 42c.—R. E. Patterson, December 18.

Sherman—Corn is yielding from 20 to 31 bushels. The Farmers Equity Elevators have advised farmers to hold their grain if possible and this is in line with the farmers' ideas. The light rains and snows have kept the stunted wheat alive. Wheat is worth \$1.37; corn and barley, 36c; coal \$13 and a better grade is higher.—J. B. Moore, December 18.

Smith—On December 15 a meeting was held at the court house relative to the establishment of a Farm Bureau in the county. Probably because of insufficient publicity, only 40 or 50 persons were present and some of them were definitely opposed to such a movement. It was planned to attempt an educational campaign and hold another meeting later.—E. D. Panter, December 17.

Stevens—We had a 3-inch snow this week which drifted considerably. Wheat is excellent and the early sown grain is making good pasture. Stock looks well as there is plenty of feed in the county, in fact there is more than is needed. On account of low prices not much kafir and milo is being sold, that is if the farmers have a place to store it. Very little threshing has been done.—Monroe Traver, December 14.

Wabunsee—We had our first snow on December 13 and it will do the wheat good. Corn is nearly all in the crib. Not many farmers are feeding cattle. Corn averaged 35 bushels an acre. A few cars of hay are going to market. Very few public sales are being held. Stock of all kinds are in good condition for winter. Farmers are cutting wood, and hauling manure. Poultry sells very low. Corn is worth 55c; wheat, \$1.40; bran, \$1.60; shorts, \$1.90; butterfat, 47c, and eggs are 68c.—F. E. Marsh, December 17.

Woodson—It is still too wet to plow. Some threshing is being done. Wheat looks brown but the roots are still good. There is plenty of feed and cattle are doing well but they are very cheap. Not very many public sales are being held and prices are not satisfactory. Wheat is worth \$1.35 and oats are 40c; eggs, 54c.—E. F. Opperman, December 17.

Wyandotte—Wheat is excellent and corn husking is nearly completed. Livestock prices are low. There is very little hay for market in this county. Corn sells for 75c to 80c.—A. C. Espenlaub, December 18.

Tells the Christmas Story

(Continued from Page 9.)

"Yes," went on Grandmother, "but they didn't return to the wicked king because God warned them in a dream and they went away by another way."

There fell a silence for a moment. Then, "Did the wicked king get the little baby," asked Muriel.

So Grandmother ended her story by explaining how the babe's parents hastened to flee from the city with him, and how he grew to be a wonderful man who went about the country showing the people that God really did love them.

And then it was bedtime and little tired eyes were likely to be caught by the Sandman. So they all trooped up the stairs. And as they went Harold called over the banister, "At's a dandy story, Grandmother!"

Hog Houses Need Ventilation

Fresh air should be supplied to the new hog houses that are being built practically air-tight. Placing galvanized aerators on the ridge of the house will not ventilate the building when the doors and windows are closed for stormy weather, and it is on the cold nights when the house is shut up tight that ventilation is most needed. If that ventilation is most needed is a draft on the pigs. Fresh air inlets may be installed at slight expense for bringing the fresh air into the house during such times without producing a draft on the pigs.

The Doctor at Christmas

BY DR. CHARLES H. LERRIGO

Christmas is always a busy season with doctors. The regular all-season work is there, and some that is added because of the joyous celebration of the holiday season. But the real rush of work comes after the Christmas season is passed, and the effects of a week of indulgence clamor for attention.

I am not a joy-killer. I believe in Christmas being a season of good cheer, and I think it very proper that we treat our stomachs at this time to some of the good things that are so rare and precious that they only can be considered an annual event. But I am so anxious that your Christmas season shall be truly happy that I warn you in the words of the ancient Pythagoras: "Have thou moderation in all things; keep thyself from wild joy and from wailing sorrow; strive to hold thy soul in harmony and concord, like the strings of a well-tuned harp."

One of the commonest forms of excess at the Christmas season is in the use of sugar. Pies and puddings and cakes, desserts and sweets and candies are at the top notch of recognition. In many families they are not confined to Christmas day, but run riot thruout the week and reach a grand finale of destruction on New Year's Day, unless the subject of the sweet indiscretions has succumbed before that time.

The indulgence is not confined to the children but is shared by every member of the family who has a "sweet tooth." Fortunately, it is the older members who suffer most.

Four ounces of sugar is as much as one strong, healthy person can dispose of properly in a single day. This does not mean 4 ounces in addition to the amounts used on cereals and in tea or coffee. It means a total of 4 ounces. I am not ignoring the fact that all starchy food takes on the form of sugar during digestion, but I refer now to the sugar that is eaten in the sugar or candy form.

It is not often that sufficient excess sugar is eaten to cause the appearance of sugar in the urine. Even if it were, it would quickly disappear unless the practice were repeated day after day. The chief harm of excessive sugar is not in producing diabetes or affecting the urinary excretion but in perverting the appetite, disturbing the nervous system, and deranging digestion. "Acid stomach" is usually due to excessive sugar eating. Children who wet the bed, do not sleep well and are "nervous," are always improved if sugar is taken from their diet.

So, in advising moderation in your diet for the Christmas holidays, it is against sugar that I especially must warn you. Close to that will come excessive eating of meat foods. Have a good meal, by all means. But give special attention to the many tasty vegetables and salads with which you may adorn your table. Let the helping be moderate in meats and large in vegetables. Do not drug yourself with unusual amounts of strong coffee. It is, presumably, unnecessary to advise further with regard to liquors, excepting to say that a hearty meal digests better with one or two glasses of water.

And make a point of having fruit and nuts for the desserts. One of our writers in replying to the maxim that "An apple a day keeps the doctor away" made the suggestion: "Why not take an onion a day and keep everyone away." But I venture to assert that an onion a day would improve health so much that instead of keeping people away the result would be to attract them by the flush of vigor and beauty.

Jayhawker Farm Notes

BY HARLEY HATCH

At last all the crops grown on this farm in the year 1920 have been harvested. Due to good weather for a prolonged period we completed the farm work at least two weeks sooner than we expected, which is in marked contrast to the usual experience of the average farmer. Our last job was heading the kafir of which we had 8 acres. This made a good crop with a probable yield of 40 bushels to the acre. Had we planted corn on the same ground we would have raised 50 bushels to the acre just as easily for corn grown right by the side of the kafir made even more than that this

year. We have been raising kafir for 25 years and in but two of those years did it out-yield corn.

Kafir and Corn Yields

In 1910 and 1911 kafir on this farm out-yielded corn by perhaps, 10 bushels to the acre. Due to a hot and dry July in both those years corn was cut short and the average yield on this farm was but little more than 15 bushels to the acre. Rains and cooler weather came in August of both years which brought out the kafir and permitted it to ripen a crop of about 25 bushels to the acre. The record of those two years has been long remembered and is responsible for the legend that kafir is a much surer grain crop in Eastern Kansas than corn. Kafir has the good quality of being able to wait for rain but in virtually all the dry years it has to wait so long that it makes even less grain than does corn.

Prices for Grain

Prices for all kinds of grain have been on the up-grade here during the past week. The raise in price has amounted to much more than the raise in Kansas City but this is because grain buyers were compelled to begin handling grain on less margin than they have been taking for the last year. It is one thing to take a 35-cent margin for handling wheat or corn when both were at the top price and likely to come down any day, and another to take the same margin when the price has reached rock bottom. Even if freight rates remain the same it costs much less to handle a bushel of corn which costs 50 cents than a bushel which costs \$1.50. The 35-cent quotation for corn did not last long and very little was sold at that figure.

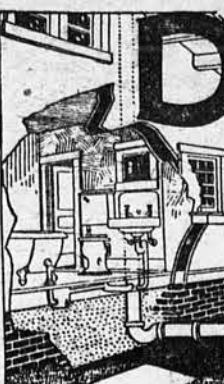
Comparative Crop Costs

It has not cost this part of Kansas nearly so much to raise either a bushel of corn or a bushel of wheat in 1920 as it has in most localities in the West. This is due largely to land prices which in Coffey county run not far from \$80 an acre for fairly well improved upland farms. Such land in 1920 raised an average of about 18 bushels of wheat and 40 bushels of corn to the acre. Due to a local drouth the north part of Coffey county did not fare so well this year as did the south portion but taking the county as a whole the average yield is not far from the amount stated. Oats also made an average yield of fully 40 bushels. This is fully as good a yield as was made by many of the best counties in the corn belt where land values run from \$250 to \$300 an acre. High land values in some localities and low yields in others are responsible for the statements—true for the localities for which they were made—that the cost of raising wheat was \$3 a bushel and of corn \$1 a bushel.

Farmers cannot anywhere expect to figure a profit on a crop which is a failure or a partial failure. Even had we valued our land at but \$10 an acre we could not have figured a profit on our corn in 1918 altho it sold locally for \$1.50 a bushel. But I do think that if land is figured at a reasonable price that a five-year period of farm work should show a profit together with interest on the land value at 6 per cent. If we cannot make a profit farming and raising such crops as the season will allow it will then be time to look around for some other business. If we cannot make a profit by raising crops on a large scale and can make a living by farming in a small way, then we will have to come down to the old fashioned method of raising merely enough to live on and let others do the same.

Income Tax Record Essential

Cut out this article and mail it to us, with 25c; or \$1 to pay for one year's subscription to the Kansas Farmer and Mail and Breeze, and we will send you a Combined Reference, Memorandum and Income Tax Record Calendar for year 1921. Those who must render an income tax statement to the government cannot afford to be without this simple and convenient arrangement for keeping a record of their expenditures and income in an intelligent manner. Prompt action is necessary, as we only have a limited supply. Address Kansas Farmer and Mail and Breeze, Topeka, Kan.



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CHOICE WHITE ORPINGTON COCK- erels, \$2.25 each. Ray Taylor, Smith Center, Kan.

SINGLE COMB BUFF ORPINGTON COCK- erels, bred from prize winners, \$5. Satisfaction guaranteed. Mrs. Fred Marsland, R. 1, Milton, Kan.

WHITE SINGLE COMB ORPINGTON Cockerels, \$3.50. Cocks, \$5.00. Kellarstrass strain, good ones. G. L. Jeschke, Sparks, Kansas.

SPECIAL BARGAINS IN BUFF ORPING- tons. Cockerels, \$5; pullets, \$3. Satisfaction guaranteed. Sunflower Ranch, Ottawa, Kan.

PLYMOUTH ROCKS

WHITE PLYMOUTH ROCK COCKERELS, \$2 each. C. W. Postler, Inman, Kan.

PURE BARRED ROCK COCKERELS, \$3; four, \$10. Rena Debusk, Macksville, Kan.

BARRED ROCK PULLETS, \$1.50. DAISY Van Tyl, Burns, Kansas.

WHITE ROCK COCKERELS FOR SALE, W. T. Morrison, Phillipsburg, Kansas.

CHOICE PARTRIDGE ROCK COCKERELS, \$4 to \$5. C. E. Dallas, Mound City, Kan.

BUFF ROCK COCKERELS, WILLIAM A. Hess, Humboldt, Kan.

BUFF ROCK COCKERELS, \$2.25 EACH. J. H. Mellenbruch, Morrill, Kan.

WHITE ROCK HENS, PULLETS, COCK- erels. F. E. Mosher, Route 1, Ottawa, Kan.

FINE WHITE ROCK COCKERELS, \$1.50 and \$2. Howard Steele, Gridley, Kan.

FARM RAISED WHITE ROCK COCK- erels, \$3. R. B. Gyger, Leon, Kan.

BEAUTIFUL "RINGLET" BARRED ROCK cockerels, \$3 up; pullets, \$4. Mrs. Iver Christenson, Jamestown, Kan.

APRIL HATCH, FISHEL STRAIN, WHITE Rock cockerels, weight 9 lbs., \$5. Carl Keesling, Neodesha, Kan.

25 FINE LARGE BARRED ROCK COCK- erels, pure Bradley blood, \$3 to \$10. Mrs. Lee Underhill, Wells, Kan.

PULLETS, FINE BUFF ROCKS, \$20 DOZEN. Large cockerels, \$3. Della Wood, Milan, Kan.

WHITE ROCK COCKERELS, \$3 EACH. Satisfaction guaranteed. Fred Swearingen, Belpre, Kan.

BIG-TYPE WHITE ROCK COCKERELS, Sired by Fishel (direct) males, \$3 and \$5 each. Mrs. W. J. Elliott, Raymond, Kan.

FOR FINE BARRED ROCK COCKERELS inquire of Wm. C. Mueller, R. 4, Hanover, Kan. Satisfaction guaranteed.

FINE BUFF ROCK COCKERELS, \$2.50, five or more, \$3 each. Chas. Sanders, LeRoy, Kan.

PURE WHITE ROCK COCKERELS, MARCH and April hatched, \$3. Mrs. Clara Thompson, Route 7, Manhattan, Kan.

PURE BRED WHITE ROCK COCKERELS, \$4 each. Sylvia Coulter, Route 3, Burlington, Kan.

BRED TO LAY BARRED ROCKS, COCK- erels, \$3; hens, \$2.50; eggs, 100, \$8. Mrs. J. B. Jones, Abilene, Kan.

FINE WHITE ROCK COCKERELS, \$3 TO \$5. Also pullets. J. L. Jones, Conway Springs, Kan.

CHOICE BARRED ROCK COCKERELS, \$3 to \$5. Guarantee satisfaction. Must close out. James H. Parsons, Quinter, Kan.

WHITE ROCKS—60 EXTRA LARGE FANCY shaped snow white cockerels for sale. Originator of Ivory strain. Chas. C. Falk, Sharon, Kan.

BARRED ROCK COCKERELS, LARGE, healthy, bred to lay stock, \$3 each; 3 or more, \$2.50 each. George Bingham, Bradford, Kan.

SIMS BARRED ROCKS. MY HIGH QUAL- ity pens containing all my Kansas City show winners have produced a fine lot of cockerels and pullets which I am now offering during December at cut prices. Remember my birds are bred for high egg production. Satisfaction guaranteed. Write me before buying. George Sims LeRoy, Kan.

POULTRY SUPPLIES

THE BEST PRODUCTION FOR CHICKENS, cows and hogs in the world is La-Mo-Pep. Box 122, Kansas City, Mo.

POULTRY WANTED

WANTED—SEVERAL DOZEN BUFF Minorca, Brown, Buff Leghorn pullets or hens. R. J. Ashby, Green River, Wyo.

PREMIUM POULTRY PRODUCTS COM- pany, 210 North Kansas Ave., Topeka, buys poultry and

RHODE ISLAND REDS

ROSE COMB RED COCKERELS. PRICES reasonable. Mrs. Milton Grandle, McCune, Kan.

ROSE COMB RED COCKERELS. HIGH priced stock, \$3, \$5, \$7.50, \$10 each. W. R. Huston, Americus, Kan.

BARGAINS. BIG LONG. DARK VELVETY Rose Comb Reds, Winners. Sunnyside Farm, Havensville, Kan.

DARK ROSE COMB RED COCKERELS. Tompkins, Meyer & Carver ancestry. \$3.50 each. Oscar Erickson, Leonardville, Kan.

PURE BRED S. C. RHODE ISLAND RED cockerels. Mrs. Jake Blickenstaff, Quinter, Kan.

DARK ROSE COMB RHODE ISLAND RED cockerels, \$3 each. Chas. E. Booth, Paradise, Kan.

RHODE ISLAND RED COCKERELS. RICK-secker-Poorman strains, \$2.50 to \$5. Nell Kimble, Carbondale, Kan.

R. C. RHODE ISLAND RED COCKERELS, \$3 up. Guaranteed stock. Chas. D. Williams, Silver Lake, Kan.

GOOD SCORINGS. DARK RED ROSE COMB Reds, laying strain, guaranteed. Highland Farm, Hedrick, Ia.

SINGLE COMB REDS. FIRST PRIZE winners at Chicago and Kansas City. Fine cockerels, \$5 each, guaranteed. H. A. Meier, Abilene, Kan.

SINGLE COMB RED COCKERELS FROM Chicago and Kansas City winners, good quality, \$5 each; 6 for \$25. C. R. Baker, Abilene, Kan.

ROSE COMB R. I. RED COCKERELS FROM 200 egg strain, and better; good stock and fair treatment; price \$3, \$5, \$7 each. Paul Johnson, Unionville, Mo.

SINGLE COMB AND ROSE COMB COCK-erels and pullets, \$2 each. Laying strain, having color, size and type. Mrs. Henry Williams, White City, Kan.

SEVERAL VARIETIES.

TOULOUSE, CHINA GEESE, MUSCOVY, Pekin ducks. John Hass, Bettendorf, Ia.

COCKERELS. SILVER LACED WYANDOTTES. Single Comb White Leghorns, \$2.00. Esther Ross, Webber, Kansas.

MAMMOTH TOULOUSE GEESE, BUFF Orpington ducks. Mrs. F. S. Doty, Humboldt, Kan.

PURE BRED BARRED ROCK COCKERELS. Golden Seabright bantam cockerels. E. R. Coleman, Duquoin, Kan.

PURE WHITE WYANDOTTE COCKERELS, \$2 each. Also Mammoth Bronze turkeys. Young toms, \$8; pullets, \$6. Mrs. Chris Stauffer, Bigelow, Kan.

THE FOLLOWING FEMALES FOR SALE: 100 Buff Orpingtons, 150 White Rocks, 150 Single Comb Reds, 50 White Wyandottes, 50 White Orpingtons. Prices low. Stock first class. 1733 Ranch, Kearney, Neb.

TURKEYS.

BOURBON RED TURKEYS. TOMS, \$10; hens, \$7. Mrs. H. Passmore, Wayne, Kan.

BOURBON RED TOMS, \$8 to \$10. HENS, \$6. H. Croft, Medicine Lodge, Kansas.

PURE BRED MAMMOTH WHITE HOL-land Toms, \$10. Lula Dick, Codell, Kan.

PURE BRED BOURBON RED TOMS, \$7.50; hens, \$5.50. Ross Talbot, Stratton, Colo.

MAY WHITE HOLLAND TURKEYS, \$5 and \$7. Cora Trapp, Russell, Kan.

WHITE HOLLAND TOMS, \$8; HENS, \$6. Lavina Strite, Kanopolis, Kan.

WHITE HOLLAND TOMS, \$9; HENS, \$6. J. W. Holler, Protection, Kan.

PURE BRED BRONZE TOMS, \$7; PUL-lets, \$5; from \$15 sire. B. J. Herd, Wilmore, Kan.

GIANT BRONZE TURKEYS SIRE WON over previous state champion. T. C. Amos, Russellville, Mo.

WELL MARKED BOURBON RED TOMS, \$10; hens, \$7. Mrs. Frank O'Connor, Hartford, Kansas.

WHITE HOLLAND TURKEYS. YOUNG Toms 18 to 20 pounds, \$7.00 and \$8.00. Mrs. J. B. Chenoweth, Gove, Kansas.

GIANT BRONZE; SIRE: MO. STATE Show Champion; 1st Heart of America 1919 Eggs. Circular. Ives, Knobloster, Mo.

EXTRA LARGE THOROUGHBRED BOUR-bon reds. Hens, \$8; toms, \$10. Joseph Warner, Towner, Colo.

THOROUGHBRED NARRAGANSETTS. Toms, \$10; hens, \$6.50. John Daily, Fellsburg, Kan.

LARGE BOURBON RED TOMS, \$8 AND \$10; hens, \$7. Mrs. Dave Lohrengel, Linn, Kan.

MAMMOTH BRONZE TURKEYS FROM 25 pound hens to 40 pound toms. Pullets, \$7; toms, \$10. Mrs. Artley Gardner, Leoti, Kan.

PURE BRED BRONZE TURKEYS. TOMS, \$10; pullets, \$7.50. Fine big boned birds. Satisfaction guaranteed. Turkey Track Poultry Farm, Wilmore, Kan.

JOHNSON GIANT BRONZE TURKEYS. First prize winners again at recent Oklahoma State Fair. Jed Johnson, Walters, Okla.

THOROUGHBRED WHITE HOLLAND Toms, \$8. Large boned, pink legged from prize winning turkeys. Laura Shupe, Coats, Kan.

WON FIRST AND THIRD ON YOUNG toms, and first hen at "Heart of America Show," Kansas City, 1920. Good Mammoth Bronze stock for sale. Earl Erickson, Clyde, Kan.

MAMMOTH WHITE HOLLANDS. "THE big boned pink legged kind." Bigger and better than ever. Satisfied customers in every different state. Pullets, \$10; toms, \$15. Mrs. E. V. Collins, Belleville, Kan.

MAMMOTH BRONZE TURKEYS. PURE bred. From prize winning stock. Big boned, vigorous, well marked. May hatch 26 pound toms, \$12.50; 17 pound pullets, \$8. Mrs. Chas. Henry, Sun City, Kan.

WYANDOTTES.

COCKERELS—WHITE WYANDOTTES. First prize. Telephone 4548 N 2. F. H. Jones, R. 3, Topeka, Kan.

SILVER LACED WYANDOTTE COCK-erels, \$2.50. Otto Becker, Sylvan Grove, Kansas.

FOR SALE—WHITE WYANDOTTE COCK-erels. Vigorous birds. Twenty-five years breeding. J. H. Brown, Clay Center, Kan.

VERY PRETTY ROSE COMB SILVER Wyandottes; cockerels, \$2.25. L. T. G. Schulz, Ellsworth, Kansas.

National Farm Bureau Meets

BY A. A. JEFFREY

Kansas farm interests were well represented at the Indianapolis convention of the American Farm Bureau Federation December 6, 7 and 8; and the results of this great meeting will be felt thruout the state. President Ralph Snyder of the Kansas Farm Bureau Federation, who also is a member of the National Grain Marketing committee, was in attendance thruout the session. Other Kansas delegates were: J. M. Ryan, vice-president; Charles R. Weeks, general secretary; H. A. Avery of Clay county; Dr. O. O. Wolf of Ottawa and Karl Knaus of Manhattan.

In less than one year with the expenditure of only \$104,000 the officers and executive committeemen of the American Farm Bureau Federation have saved the farmers not less than 100 million dollars in the advanced rail rates, a similar amount in reducing to absurdity the Nolan land tax measure and in opposing the sales tax. A legislative bureau has been maintained at Washington, performing a two-fold service—notifying farm folks of dangers that threaten them in proposed legislation, and acquainting Congress and Government officials with facts relating to the basic National interest in agriculture as affected by Governmental policies. This bureau, with the special services of Ex-Senator Gray Silver, has been of inestimable value to farm interests thruout the country.

A transportation bureau was established and Clifford Thorne, a specialist in the laws and statistics relating to transportation, was permanently employed as Federation counsel.

To aid co-operative marketing of grain the National Federation has lent its services to all existing organizations active in such enterprises and created the "Committee of Seventeen." This committee, of which President Ralph Snyder of Kansas is a member, is at work developing a Nation-wide system of grain marketing that will guarantee a minimum of waste and trade tolls in the orderly marketing of the grain farmer's crop.

With the suggestion and encouragement of Ex-Congressman Asbury F. Lever of the Federal Farm Loan Board, who spoke at Indianapolis, this committee will give earnest attention to the matter of more adequate credit—that being recognized as a primary requisite in orderly marketing.

Similar support was pledged to the "Committee of Fifteen" in developing machinery for marketing livestock. Approving the demand of the grain marketing committee, the Indianapolis convention made emphatic demand that both the grain and livestock exchanges be opened to co-operative commission firms.

By direct and unanimous enactment the delegates from 37 states approved Senator Capper's Truth-in-Fabric bill and his fight to guarantee farmers the right of collective bargaining. Congress was urged also to prohibit the practice of short-selling in agricultural products on the Board of Trade.

Approval was expressed toward the

WYANDOTTES

WYANDOTTE COCKERELS, \$2.50. MRS. Will McEaney, Seneca, Kan.

COLUMBIAN WYANDOTTE COCKERELS. Fancy pigeons. J. J. Pauls, Hillsboro, Kan.

CHOICE BUFF WYANDOTTES, FEMALES, \$1 up; males, \$2 up. John Ruppenthal, Russell, Kan.

PURE BRED WHITE WYANDOTTE COCK-erels, \$2.50 each. Mrs. W. A. Stagner, Plainville, Kan.

WHITE WYANDOTTE PULLETS AND cockerels. Pullets laying now. \$2. Ideal Poultry Farm, Concordia, Kan.

GOLDEN WYANDOTTE COCKERELS. From record layers, \$3 each. Mrs. Fred Hardeacre, Smith Center, Kan.

LARGE WHITE WYANDOTTE COCK-erels, \$2.50 each. Roy Phillips, Manhattan, Kan.

WHITE WYANDOTTE COCKERELS, BRED from record layers. Catalog free. Mrs. A. J. Higgins, Effingham, Kan.

CHOICE OF 50 EARLY HATCH WHITE Wyandotte cockerels, \$2.50 each. Opal Erickson, Leonardville, Kan.

ROSE COMB WHITE WYANDOTTE COCK-erels, \$5.00 each. Choice birds. Early hatched. Garland Johnson, Mound City, Kansas.

SANDERS SILVER LACED WYANDOTTES. State show winners. Cockerels, good individuals, \$3; pen headers, \$5. Ralph Sanders, Osage City, Kan.

STANDARD BRED WHITE WYANDOTTES. Cockerels, \$3.50 and \$5; pullets, \$2. March hatch. Prize winning Dustin strain. Agnes Neubauer, Belleville, Kan.

WHITE WYANDOTTE COCKERELS. Steven's American and Carron's English strains, world's greatest layers, \$3 and \$6 each. Satisfaction or money back. H. A. Dressler, Lebo, Kan.

agricultural policy announced by President-elect Harding, the Federal Farm Loan act, the project of a Great Lakes-to-the-Sea deep waterway and Federal appropriations for the eradication of livestock tuberculosis and control of the pink bollworm. The Federation's legislative department was urged to give special attention to the matter of rural personal credits. This was emphasized as very important.

The election of officers was accomplished with a measure of harmony that proves there is no conflict between the sectional interests of American agriculture. President J. R. Howard was re-elected by acclamation. O. E. Bradfute of Ohio was chosen vice-president and the executive committee was made up as follows: Eastern section, E. B. Cornwall of Vermont, E. F. Richardson of Massachusetts and H. E. Taylor of New Jersey; Mid-West section, Howard Leonard of Illinois, Chester H. Gray of Missouri and John G. Brown of Indiana; Southern section, Gray Silver of West Virginia, J. T. Orr of Texas and James W. Morton of Georgia; Western section, W. H. Walker of California, J. F. Burton of Utah and W. G. Jamison of Colorado.

State Grange Meets at Abilene

The State Grange closed a very interesting meeting in Abilene last week. The Grange adopted resolutions opposing any communistic settlement plan on farms and condemned present system of hard road construction. The resolutions favored Government protection for farm products, abolishment of gambling in futures, the Torrens system of title registration, and more stringent immigration laws. The Grange likewise went on record as opposing the raising of county salaries.

The following officers were installed: B. Needham, Lane, master; J. P. McMullen, overseer; P. S. Sanders, Oswego, lecturer; Caldwell Davis Bronson, steward; Lillie Allen, Sabetha, chaplain; A. E. Wedd, Lenexa, secretary; S. B. Haskins, Olathe, treasurer; W. T. Dickson, Carbondale, chairman executive committee.

California Land Settlement Plan

Governor Allen will ask the next legislature for a bond issue to finance the formation of two or more farm communities similar to those in the California Land Settlement plan. This system was discussed at a conference of legislators and business men in Topeka last week by Dr. Elwood Meade of California.

"In this plan," said Mr. Meade, "we buy up a tract of land. At Durham, Calif., we purchased 6,000 acres for \$600,000. The land cost us—or rather the state—\$100 an acre. We installed an irrigation system, planted a crop of alfalfa, and sold the land to a selected list of tenant farmers for \$173 an acre. This included the improvements, and also the salary of a community superintendent appointed by the commission in charge. The farmer bought on the contract plan, being allowed 30 years to pay out. It was amortized, so that the payments are equal. We required every farmer to have \$1,500 cash to invest at the start in his buildings. The commission could lend up to \$3,000 for other improvements and stocking the farm. It takes \$4,500 to start business, we found.

"Now. That is only a small part of the plan." And Meade went on to explain. "The community of farmers, about 100, were organized into a co-operative association from the start. Lumber, cement, supplies, to some extent farm machinery, was purchased in carload lots, at an immense saving. Products were sold in the same manner, wherever feasible. A central creamery handled the milk. Only one kind of dairy cattle was purchased, and these were inspected by the College of Agriculture for tuberculosis. Farmers bought their own cows, however, and owned them themselves. They are making money, have made it from the start, and are taking care of the comparatively small annual payments."

Dr. W. M. Jardine, president of the Kansas State Agricultural college, presided at the meeting and introduced the speaker. Mr. Meade placed in President Jardine's hands a number of circulars concerning the California Land Settlement plan and these may be had free upon request from President Jardine of the Kansas State Agricultural college at Manhattan. "The

state," says Governor Allen, "could not do better than to vote a bond issue of 1 million dollars for such a project—and it would not cost the state a cent and only the use of its credit would be required." In any section where farming is feasible such a project is certainly worth a trial. The next Kansas legislature will give this matter serious consideration.

Kansas Agricultural Convention

The annual Kansas Agricultural Convention will be held at Topeka during the three days of January 12-14, 1921 and will assume a double importance in that the questions of the present agricultural crisis are more serious and in that it will also celebrate the semi-centennial of organized agriculture in the state.

This convention always has been held under the auspices of the Kansas state board of agriculture and Secretary J. C. Mohler announces a program that is peculiarly rich in interest.

Among the speakers who will appear on the program and the subjects discussed may be mentioned the following: Harvest of 50 Years, Ex-Senator F. Dumont Smith; Production of Meats, Ex-Governor A. C. Shellenberger of Nebraska; the Kansas Beef Problem, Dr. C. W. McCampbell; Farm Efficiency, Frank I. Mann of Illinois; and it is also expected that Herbert Hoover, and E. T. Meredith, Secretary of the United States Department of Agriculture will be present and will discuss topics that will be announced later. Progressive farmers everywhere should plan to attend this meeting.

Cattle Sell for Cash

Bank credit had no part in the sale of purebred cattle recently made by the Shawnee County Shorthorn Breeders' association. Buyers took the cattle at prices averaging nearly \$300 a head and not a dollar of bank credit was extended. Before the auctioneer mounted the block there was a feeling of uncertainty, many fearing that the tightness of money would make it impossible for potential buyers to bid on the cattle. The results show the financial standing of the livestock business. The men who bought these well-bred cattle were able to pay cash and had faith enough in the business to take them at good prices. The breeders of the association were highly pleased with the results of their first consignment sale. But for the fact that two inferior bulls were in the consignment the average would have been much higher. Under existing conditions it is poor policy to offer anything but high-class animals. Buyers are willing to put their money into good cattle, but they let the poor ones go begging.

A Safe Investment That Will Pay You Well

I receive many letters from readers of my publications asking me how they can invest their surplus money so that they can be assured of complete safety, prompt payment of interest, freedom from care or worry, and at the same time receive a reasonable rate of interest on the investment.

I have given the subject a good deal of attention and I am able to make a suggestion that I believe will be of value to any reader of the Capper Publications who may have funds to invest, even though the amount is small. The plan has so much merit in it that in the last few weeks several hundred persons, including residents of almost every state in the Union, who wrote me they had money to invest, have adopted the plan I recommended to them. I will be pleased to give full information to anyone who will write me. Arthur Capper, Publisher, Topeka, Kansas.

The site for permanent buildings for sheep should first of all be dry and well drained. Ample yard space that is dry and sheltered should be available adjacent to the main barn or shed. A Southern slope with sandy soil is especially satisfactory for this purpose.

When buying purebred stock seek the advice of someone you can depend upon, if you feel you need it. Be sure to get stock from popular families. Generally the ancestors are in the hands of old established breeders who advertise, and you get the advantage of it.

The Real Estate Market Place

There are 6 other Capper 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 discontinuance or change of copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

KANSAS

BEST FARM BARGAINS for sale in S. E. Kansas, by G. W. Meyer, Fredonia, Kan.

80 ACRES 3 miles out, well improved, \$80 acre. W. J. Poire, Westphalia, Kansas.

NORTON COUNTY—Good farms, any size for any purpose. Williamson, Norton, Kan.

90 ACRES, well imp., bottom farm, 3 mi. town; near school; 65 a. cult., 20 acres alfalfa. A. B. Collins, Owner, La Cygne, Kan.

LAND BARGAINS both around Newton and Hutchinson. Direct from owner. No commission. J. J. Decker, Newton, Kansas.

GREAT SOUTHWEST—50 quarter sections fine farm lands cheap; easy terms. Write owner. John W. Baughman, Liberal, Kan.

200 ACRES, well imp., 140 cult., 60 pasture, \$75 acre. Also small and large farms. Andrew Burger, Burlington, Kansas.

GOOD CORN, wheat and alfalfa farms. Close to drilling wells in oil country. Prices reasonable. C. H. Wilson, Moline, Kansas.

MONEY MAKING farms, fine improvements, soil produces abundant crops. Write for choicest, McConachie Land Co., Ottawa, Kan.

WRITE for our free list of Eastern Kansas farms and ranches for sale. The Eastern Kansas Land Co., Quenemo, Kan.

CORN, WHEAT and alfalfa farms. Verdigris and Fall River bottom, also stock ranches all sizes. L. S. Hoover, Eureka, Kansas.

IF YOU WANT to buy, sell or exchange your farm, write W. T. Porter of the Kansas Land Company, Ottawa, Kansas.

590 ACRES, improved, eastern Kansas, 390 bottom, bal. pasture. Price \$110, part trade. Clark Realty Co., Garnett, Kan.

EASTERN KANSAS FARMS Large list Lyon and Coffey Co., for sale by Ed. F. Milner, Hartford, Kansas.

160 IMP. stock and dairy, near Parsons, Kan. Easy terms or exchange for gen. mase. L. C. Taylor, Owner, Box 252, Erie, Kansas.

WE CAN SELL YOUR LAND FOR CASH within 30 days. Write the National Land Sales Co., 401 Kansas Ave., Topeka, Kansas.

IMPROVED 480 acre farm with living water, and bottom land. Is an ideal dairy farm. Terms. Write Geo. D. Sinclair, Jetmore, Kan.

SOUTHEASTERN KANSAS Good buys of all sizes; alfalfa, corn and wheat farms. Write for latest list. Byrd H. Clark Investment Co., Erie, Kansas.

IMP. 80, Lyon county, \$6,000. Terms \$1,000. Balance long time at 6%. Imp. 320 Lyon county, \$40,000. Terms \$12,000. Bal. long time. Ira Stonebraker, Allen, Kansas.

A NESS COUNTY BARGAIN 160 acres close to market, 70 acres under cultivation, only \$4,000. Terms. No trade. Jas. H. Little, La Crosse, Kansas.

159 ACRES, well improved. Price \$12,500, cash \$4,000, good terms on balance. Immediate possession. Other Anderson County farms. Holcomb Realty Co., Garnett, Kan.

DAIRY FARM 120 acres, 5 miles out, good buildings, silo, alfalfa, \$95 an acre. T. B. Godsey, Emporia, Kansas.

INVESTORS, speculators, homeseekers—We make specialty on Ness county land. Let us show you what we have to offer. Write for list. Whitmer Land Co., Uteia, Kansas.

NESS COUNTY WHEAT LAND Good smooth land from \$30 to \$50 per acre. Write for free list and county map. Geo. P. Lohnes, Ness City, Kansas.

LET ME SELL YOU A FARM in the Oak ley country. Wheat and barley making \$50 to \$75 acre. Corn and all feed crops fine. Good tractor land, \$30 to \$50. For list write. A. H. Wilson, Oakley, Kansas.

CHOICE QUARTER—\$4,000 Terms \$1,000 cash, balance \$500, yearly 7%. 5 1/2 mi. from good town, 1/2 mi. school. Half in cultivation. All level. Write owner. W. V. Griffith, Liberal, Kansas.

120 ACRES, in plain sight of small town, creek bottom land, nicely improved. Price \$100 per acre. \$2,500 cash, balance terms. Mansfield Land & Loan Co., Suite 15, Columbian Bldg., Topeka, Kansas.

Fine 40 Acres Highly Improved 3 miles south of Topeka on Topeka avenue road and 1/2 mile west. Buildings all new; 8 room modern house; 2 large barns, equipped for dairying, 12 acres alfalfa fenced for hogs; 2 young orchards; plenty good water. If you want an exceptionally nice farm and home near the Capital city this is your chance. W. H. Ode, R. 2, Topeka, Kansas.

Exchange Your Livestock for a Farm Will sell or exchange farm for cattle, horses, hogs, registered or grade. 20 miles from Wichita, Kansas; 40 to 640 acre tracts or as whole. Good land, well located and improved. Too much land, abundant feed, need more livestock. In case of sale will carry loan at 6%.

PARK E. SALTER, 615 4th Nat'l Bank Bldg., Wichita, Kansas.

Buy, sell, or exchange your real estate here. Real estate advertisements on this page (in small type, set solid and classified by states) cost 75 cents an agate line each issue. Study these ads, write a good one and figure its cost. Send money order, draft or check with your ad.

KANSAS

160 ACRES bottom land highly improved, extra located 2 miles town, \$125.00 per acre. Send for list. S. L. Karr, Council Grove, Kansas.

FOR SALE Suburb homes and vacant lots in Fredonia and Neodesha on my monthly payment plan. John Deer, Neodesha, Kan.

SOUTHEASTERN KANSAS. Farms, all sizes; lowest prices. Terms \$2,000 up. Send for booklet. ALLEN COUNTY INVESTMENT CO., Iola, Kansas.

THE BEST present investment is land and the best place to buy land is in Ness Co., Kansas. All sized tracts from 160 acres to 10,000 acres improved and unimproved at prices ranging from \$25 to \$75 per acre. Some exchanges. Agents protected. A. W. Buxton, Uteia, Ness County, Kansas.

NESS COUNTY, KANSAS, LANDS Good wheat, alfalfa and ranch lands at bargain prices. Several excellent ranches. Write for price list, county map and literature. FLOYD & FLOYD, Ness City, Kan.

184 ACRES, Lyon county, 5 miles town, imp. 5 room house, good barn, etc., fine timber, feed lots, never failing soft water, soil is of good quality, lays well, half in cultivation, balance good meadow and pasture with spring. This is a splendid dairy farm and only \$60 an acre. Address E. B. Miller, Admire, Kansas.

FARM HOME 160 acres, 22 miles K. C., rock road most way; 30 alfalfa; 50 clover; 30 pasture; living water; 5-room house; cellar; large barn; stanchions, etc.; belongs to estate must be sold; \$100 per acre, think of it, at Kansas City's door. MANSFIELD LAND & LOAN COMPANY, 415 Bonifils Bldg., 10th & Walnut, Kansas City, Mo.

FRANKLIN COUNTY BARGAINS 40 acres 3 miles Ottawa, good improvements; water; fruit; nice poultry and dairy farm; \$5500. Terms. 80 acres 4 miles Ottawa, good improvements; level; on automobile trail; 1/2 mile school; \$12,500, \$3,000 down, balance terms. 180 acres 3 miles of R. R. town, well improved; never failing water; 45 acres wheat; 20 alfalfa; 1/4 mile high school; extra good farm; extra good terms. \$120 per acre. S. W. Spangler, Ottawa, Kansas.

A GOOD ONE 200 acres, 4 1/2 mi. from here, 4 mi. from another town, good 9-room house, basement under all, barn-shed and crib. Two good chicken houses, windmill, never-failing water. All creek bottom except 40 a. pasture, 20 a. alfalfa, 100 more fine alfalfa land, 60 a. now in wheat, 1/2 delivered in town goes to purchaser. If you want a good one I sure have it. Price \$150 per a. if sold before Jan. 1st. Price can be carried at 6% for long time. Other farms from \$75 to \$150 per acre. R. R. Johnson, Hartford, Kansas.

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

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

Students' Judging Contest

A statewide high school students' stock, dairy, and grain judging contest will be held at the Kansas State Agricultural college in connection with the annual high school athletic carnival at Manhattan next spring. The exact date of the meet has not been announced, but it probably will take place some time in May.

The acreage of Red and Sweet clover in Southeastern Kansas should be increased greatly.

The Grain Market Report

BY SANDERS SOSLAND

PURCHASES of more than 15 million bushels of American wheat were made by European nations last week, with the United Kingdom a conspicuous buyer. One of the factors which served to offset the bullishness of the enormous foreign demand was the final report by the United States Department of Agriculture showing a winter wheat crop of 580,513,000 bushels, and a total wheat crop in the United States of 789,878,000 bushels, compared with a preliminary estimate of 750,648,000 bushels. The final out-turn of wheat a year ago was 940,987,000 bushels, 921,438,000 bushels in 1918 and a five-year average from 1914 to 1918 of 822,246,000 bushels. Those who have been bullish on grains, while on the whole recognizing that the increase in the final figures will extend at least another month, when a possible serious shortage will be felt most, generally agree that the Government report does not materially alter the position of the grain. The official estimate of the newly sown wheat acreage was placed at 40,605,000 acres, compared with 41,757,000 acres a year ago. The condition of the growing crop is better than a year ago. A yield of 678 million bushels is forecast from the present area.

Milling demand for wheat showed only a slight increase last week, the continued stagnant condition of the flour market preventing any material improvement in the domestic trade. The bulk of the arrivals of wheat, which were slightly larger in volume, were absorbed by dealers who applied the grain on earlier sales for export. Gains of 5 to 7 cents a bushel were recorded on hard winter and dark hard wheat, with the red winter variety about 5 cents higher, sales ranging up to \$2 a bushel. Advances of about 8 cents a bushel occurred in the future market, the March delivery closing around \$1.60 a bushel and the May at \$1.55.

Corn and oats failed to share in the strength of the wheat market, the observers of the trade agreed that were it not for the upturns in the bread grain, sharper recessions would have occurred in the coarse cereals. The further depression in pork animals, with hogs now selling at the lowest level since the early part of 1916, added to the bearish tone of the market created by the more liberal movement from the country. Farmers, while still quite reluctant to dispose of their surplus production of corn, are marketing on a freer scale, and the acceptances to bids sent out by terminal dealers are greater than at any time since the sharp downturn in prices began. Cash corn is selling at an extreme range of 58 to 72 cents a bushel compared with 62 to 73 cents a bushel the preceding week. Except on yellow corn, which displayed firmness, the earlot market averages about 5 cents a bushel lower. The speculative corn market is only about a cent net lower than the preceding week. Oats sold around 44 to 49 cents a bushel, about 2 cents a bushel off. Feeding demand for both corn and oats is of a restricted character, and with the movement broadening, particularly of corn, the outlook for higher prices is not encouraging. The Government final figures on the corn crop showed a yield of 3,232,367,000 bushels, the largest harvest in the history of the United States. The final figures on oats were placed at 1,524 million bushels, both showing material increases over the preliminary estimates. This, of course, was bearish on the grains.

Extreme weakness again developed in the cottonseed cake and meal market, the prices receding to a level actually below the values prevailing at the time the world was plunged into

war in 1914. Dealers in Kansas City quoted the market around \$30 a ton, delivered, with about the same price in the surrounding feeding territory. On Texas basis, crushers asked about \$22 to \$23 a ton, about \$4 to \$5 a ton lower than a week ago. Even on the basis of the current extremely low prices, there is an almost general lack of confidence in the position of the market, owing to the almost stagnant demand from feeders, from manufacturers of commercial fertilizer and from foreign buyers. Linseed cake and meal also are under pressure, being quoted around \$40 a ton, basis Minneapolis, the leading crushing point. But the product of flaxseed must yet come down further to be in line with cottonseed cake and meal and corn.

Firm Tone for Bran

Instead of the weakness in the high protein feeds and in coarse grains the market for bran and shorts imparted a firm tone. The comparative strength of the mill offal was attributed to the very light production by mills both in the surrounding territory and other important milling districts in the United States. Bran is bringing around \$27 a ton, sacked, for prompt, January or February shipment, with brown shorts around \$26 a ton and gray shorts at \$28 to \$30. The heavier feeds are comparatively weaker than bran.

A reduction in the freight rates on hay from the Northwest to Kansas City, as forecasted in these columns a week ago, is the basis for the extreme weakness of alfalfa hay. The rate has been reduced to 50 per cent of the former tariff and naturally is stimulating on a large scale the movement of surplus irrigated alfalfa to consuming channels. The hay is of excellent quality on the whole, with the better grade hay displaying the greatest weakness. Excellent weather conditions in most sections of the country, and desire of many handlers to reduce their stocks as much as possible with inventory time at hand, also were bearish on alfalfa, tame and prairie hay. Alfalfa declined as much as \$3 a ton the past week, with the extreme range of prices around \$11 to \$25 a ton, prairie around \$7 to \$15, and timothy between \$11 and \$24 a ton.

The Livestock Market

BY SAMUEL SOSLAND

Prices of fat cattle, fat hogs and fat sheep have not yet reached bottom. Despite the recent sensational declines and the sales of short-fed steers as low as \$7 to \$7.50 to packers, it cannot be said that the bottom has been reached.

That many feeders have not yet fully analyzed market conditions and prospects in the trade in cattle is indicated by events which have come under my observation on the Kansas City yards. A salesman waited two days to sell a load of 1,100-pound steers last week. After this disheartening wait, the best bid he obtained from the head buyer of one of the large packing plants at Kansas City was \$8.50 a hundredweight—less than the steers cost when thin, to say nothing of the feed bills and shipping expenses. Not long after the packer buyer had indicated he was conferring a favor on the salesman by offering \$8.50 for the steers, a farmer on horseback passed the pen where the cattle were held. They looked as if they could add several hundred more pounds of flesh, and he started to bid on them. The farmer paid \$9, or 50 cents more than the packer buyer offered. This is not logical. The packers have storage space and are in a position to store beef if they believe the venture offers a profit.

Sheep and Lambs

On current markets sheep and lambs are the weakest animals. Hogs rank second in weakness, and cattle are in third place. Horses and mules are more demoralized than any other stock, but they, of course, are not meat animals.

Sheep and lambs are in the most bearish market position because the

bulk of the feedlots runs are yet to come. Colorado and Nebraska feeders are carrying more than 1 million head in feedlots. They have fat lambs on feed which cost them \$12 to \$13 a hundredweight delivered in their feedlots in many cases. Recent runs have been absorbed slowly, altho one reason for this is said to be the plain quality of the initial feedlot marketing. The element of quality is not the most vital price factor, however. The weight of foreign mutton importations is still on the market. In addition, there is, as in the case of beef and pork, a reduced public purchasing power on account of agricultural and industrial depression. Fat lambs closed last week with tops around \$10.50, while fat hogs of the best quality were not more than \$8.75. Trade experts think there will be a narrowing of the spread, with some severe declines yet to come in fat lambs. Kansans who have lambs in feedlots would therefore do well to rush them to maturity and sell early. Immature stock should not, however, be shipped, because one might find it necessary to take \$6 for immature lambs and perhaps only \$1.50 for ewes not finished from the packer buyers.

In hogs, it is gossip on the Kansas City yards that one of the large packer buyers has informed commission men he expects to purchase a drove at an average cost of less than \$8. This means the market is expected by that packer representative to go lower than \$8 before the bottom is reached. It is probable that the bottom will be recorded between now and the opening of February. Mild weather last week again checks the heavy marketing expected, but this only means perhaps a prolongation of the period of weakness in the trade.

Getting a Start With Sheep

BY A. E. DARLOW

We often hear it said that it is useless to preach or talk more sheep on farms where sheep are now kept and introducing sheep on farms where sheep are now unknown, unless we can remedy the wool situation. We have read many articles on the wool situation and almost invariably get the idea that the sheep business is certain of failure.

In the fall of 1918 the Oklahoma Experiment station bought a car load of medium quality native black faced ewes and paid \$13.50 a hundredweight for them. We sold our 1918 wool clip for 53 cents a pound. We paid \$2 a bushel for kafir.

In the fall of 1920 the Oklahoma Experiment station bought a car of the best quality black face ewes on the Kansas City market for \$8.50 a hundredweight. The best price on kafir now will not exceed \$1 a bushel, and corn is going around 30 cents. The difference in the price of roughage is scarcely as great as that shown in grains but roughage that brought a good price in 1918 is now unmarketable.

All of us probably have heard it said that the wool clip should pay for the keep of the ewe; now whether this is true or not an 8-pound fleece at 30 cents will do as much towards keeping a sheep in 1920 as an 8-pound fleece at 50 cents did in 1918.

A flock of medium ewes bought this fall at \$8 and bred to a good mutton type ram will prove an excellent investment because the lambs from these ewes at 4 or 5 months old and weighing around 75 to 80 pounds will pay the original cost of the ewes even if the market doesn't improve. Then you have the ewes for feeding them thru the winter. This is a profit that should attract many farmers as it is greater than that from most farm projects.

Another excellent reason for going into the sheep business now is that so many sheep raisers are quitting. It is always a good plan to go into stock raising of any kind when the other folks are going out.

The large sheep raisers have seen low spots in sheep business before now and are not as greatly excited as some of our smaller breeders. The man who started in the business on a high market is likely to become discouraged at the sudden break and quit. When he quits is the time for you to begin. Start on a low market and have sheep ready for market when the shortage begins to assert itself.

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Also some young bulls. Herd bull, Marr Clara, bred by Tomson Bros. O. E. SCHULZ, ELLSWORTH, KAN.

POOLED SHORTHORNS.

50 Polled Shorthorns

Reds, Whites and Roans, 20 males, 30 females for sale. Not of kin. Sired by Roan Orange, Sultan's Pride, Grand Sultan, and Scottish Orange. Nearly 200 in herd. Prices cut. Calves \$75.00 to \$300.00. Yearlings \$75.00 to \$400.00. Cows and heifers \$100.00 to \$1000.00.

J. C. Banbury & Son
Plevna, Kansas

One mile west of town. Phone 2803. 6 mi. south and 20 mi. west of Hutchinson.

HEREFORD CATTLE.

Goodman Herefords

Sires in service
Disturber Stanway 839673
Publican 8th 685039
Breeding cows, strong Anxiety breeding. We offer for private sale 20 cows and heifers and 10 bulls of serviceable ages. Descriptions and prices by return mail.
J. R. GOODMAN, WHITE CITY, KAN.
(Morris County)

Hereford Heifers and Bulls

Fairfax and Anxiety heifers and bulls. Heifers bred in June, two and three year olds. Bulls range from spring calves to old enough for service. A well bred lot carrying plenty of quality. Phone or address,
E. H. ROBINSON, MARION, KANSAS
Live near Florence and Marion.

WILEY FAIRFAX AND BUDDY L.

Head our herd. Will sell Anxiety bred cows and heifers, many with calf at foot and rebred. Spring bulls and bulls ready for service also for sale.

PAUL E. WILLIAMS, Route 3, Marion, Kansas
ANXIETY BRED HEREFORDS
Bulls, cows and heifers, at bargain prices.
W. R. Hildreth, Oswego, Kansas

RED POOLED CATTLE

FORT LARNED RANCH

200 HEAD OF REGISTERED RED POLL CATTLE
A number of choice one and two-year-old bulls and heifers from one to three years old.
E. E. FRIZELL & SONS, FRIZELL, KAN.

20th Century Stock Farm

Registered Red Polls
We are offering bulls of choicest breeding; also cows and heifers from heavy milking dams.
Twentieth Century Stock Farm, Quinter, Kan.

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

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

RED POOLED CATTLE
Choice young bulls. Write for prices and description or come and see them. C. Walter Sander, R. 2, Stockton, Kan.

FOSTER'S RED POOLED 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.

GALLOWAY CATTLE

REGISTERED GALLOWAY BULLS, COWS
and heifers. Fashion Plate, Silver Lake, Kan.

When writing advertisers mention this paper.

What About Meat?

BY E. S. HUMPHREY

Every red-blooded American is interested in meat from the viewpoint of consumption, and some Americans are interested from the point of production. A review of livestock conditions raises the question as to where the meat supply of the next few years will be found. It is a fact worthy of notice that during the month of October when all cattle countries were liquidating the four principal markets of the United States received about one-half million fewer cattle than in 1919. The reason is obvious. The cattle were not on the farms and ranges to be shipped to market. The same thing could be said of sheep.

A few days ago I was talking with a buyer who covers the states of Wyoming, Idaho and Oregon. He told me that those states were practically clean of sheep. The big ranchers had cut down their flocks to a couple of thousand young ewes in many instances while many others had cleared their ranges of every kind of livestock. He told the same story of the cattlemen. One has only to visit any of the big markets to see this liquidation. Train load after train load of cows are coming to market, and have been coming for the last few months, with their big, lusty calves. And behind them, throut the whole northwest is a range, practically empty of stock.

In the southwest the story is the same. In some sections there has been another summer of drouth and the range cattle are being shipped out by the train loads to be placed on leased range or sold on the markets. In this way whole brands have been cleaned from their home ranges in a few weeks' time. Young cattle and cows have come to the slaughter pens by the thousands and the slaughter of beef calves the past year has been greater than ever before. These calves and the young steers and the cows should have been the source of meat supply for the next few years. They are gone and the question in every mind is "What of the meat of the future?"

Least Waste in Hogs

Packers have no favorite breed of hogs. They are not interested in the color or who owns them. What they desire most is the hog that will dress the least waste and the largest percentage of edible meat.

The cooking oil industry now amounts to over a billion dollars annually and has reached this wonderful proportion in the last five years. The result of this wonderful growth is that lard—good old home-made hog lard, is going begging these days. The compounds and substitutes on the market can be sold for less.

In buying hogs the packer must pick hogs that have the least lard and the most meat. To do this he has established a line at 230 pounds with 250 pounds as the limit in weight for the top price. Hogs of this weight have the least lard.

Kansas Map to Readers Free

We have arranged to furnish readers of Kansas Farmer and Mail and Breeze with a big one-sheet Wall Map of Kansas. This large map gives you the area in square miles, and the population of each county; also name of the county seat of each county, it shows the location of all the towns, cities, railroads, automobile roads, rivers and interurban electric lines, and gives a list of all the principal cities of the United States. For a short time only we will give one of these big wall maps of Kansas postpaid to all who send \$1.00 to pay for a one-year new or renewal subscription to Kansas Farmer and Mail and Breeze. Or given with a 3-year subscription at \$2.00. Every citizen of Kansas should have one of these instructive wall maps. Address Kansas Farmer and Mail and Breeze, Topeka, Kan.—Advertisement.

Public Sales of Livestock

Hereford Cattle.

Jan. 11-12—Mousel Bros., Cambridge, Neb.
Apr. 7—Carl F. Behrent, Oronoque, Kan.

Shorthorn Cattle.

Apr. 14—E. P. Flanagan, Chapman, Kan.
Apr. 15—Shorthorn Breeders' Sale, Newton, Kan. O. A. Homan, Mgr., Peabody, Kan.

Holstein Cattle.

Jan. 26-27—Kansas National Livestock Show and Sales, Wichita, Kan. W. H. Mott, Mgr., Herington, Kan.
Feb. 25—H. A. Tuttle, Lawrence, Kan. W. H. Mott, Sales Mgr., Herington, Kan.

Chester White Hogs.

Feb. 12—Henry Murr, Tonganoxie, Kan.
Jan. 20—Arthur Mosse & Daughter, Leavenworth, Kan.
Jan. 26—C. H. Cole and E. M. Reckards, Topeka, Kan.

Jacks and Jennets.

Mar. 10—Hineman & Son, Dighton, Kan.
Mar. 15-16—L. M. Monsees, Smithton, Mo.

Poland China Hogs.

Jan. 12—Ross & Vincent, Sterling, Kan.
Jan. 13—F. Olivier & Sons, Danville, Kan.
Jan. 14—Barnes & Son, Greeley, Kan.
Jan. 15—Mitchell Bros., Longton, Kan.
Jan. 17—L. R. White, Lexington, Neb.
Jan. 18—H. T. Hayman, Formoso, Kan.
Jan. 20—F. E. Wiltum, Caldwell, Kan.
Jan. 20—Chas. Hoffhine, Washington, Kan.
Jan. 21—Stafford County Purebred Breeders' Association, Dr. S. N. Myers, Mgr., Stafford, Kan.
Feb. 4—Thos. F. Walker, Alexandria, Neb.
Feb. 7—Geo. M. Long, St. John, Kan.
Feb. 14—C. S. Nevins & Son, Chiles, Kan.
Feb. 18—W. C. Hall, Coffeyville, Kan.
Feb. 19—W. A. Prewett, Asherville, Kan.
Feb. 24—E. E. Hall, Bayard, Kan.
Apr. 7—Carl F. Behrent, Oronoque, Kan.

Spotted Poland Chinas.

Feb. 7—Edgar Sims, Lathrop, Mo.
Feb. 23—H. J. Haag, Holton, Kan.
Mar. 18—R. H. Stooker, Dunbar, Neb.
Mar. 19—R. B. Stone, Nehawka, Neb.

Duroc Jersey Hogs.

Jan. 21—Stafford County Purebred Breeders' Association, Dr. S. N. Myers, Mgr., Stafford, Kan.
Jan. 25—A. J. Hanna, Burlingame, Kan.
Jan. 26—Lyon County Duroc Jersey Breeders' Asso. sale at Emporia, Kan. John Loomis, Sec'y, Emporia, Kan.
Jan. 27—Shawnee County Breeders' Asso. sale, Topeka, Kan.
Jan. 29—J. C. Theobald, Oklawaha, Neb.
Jan. 31—Jno. W. Pet, Coffeyville, Kan.
Feb. 1—Waddell & Danner, Winfield, Kan.
Feb. 2—W. D. McComas, Wichita, Kan.
Feb. 3—Zink Stock Farm, Turon, Kan.
Feb. 4—W. G. Real, Grafton, Neb.
Feb. 4—L. J. Healey, Hope, Kan., and Jno. W. Jones, Minneapolis, Kan., joint sale at Hope, Kan.
Feb. 4—G. M. Shepherd, Lyons, Kan.
Feb. 5—U. G. Higgins, Fairmont, Neb.
Feb. 5—B. R. Anderson, McPherson, Kan.
Feb. 6—Wm. Pinks, Turon, Kan.
Feb. 9—W. A. Conyers & Son, Marlon, Kan.
Feb. 9—Gordon & Hamilton, Horton, Kan.
Feb. 9—John Loomis, Emporia, Kan.
Feb. 10—M. R. Peterson, Troy, Kan. Sale at Bendena, Kan.
Feb. 10—R. C. Smith, Sedgwick, Kan.
Feb. 11—Kempin Bros., Corning, Kan.
Feb. 11—Wm. Hilbert, Corning, Kan. (Night sale.)
Feb. 14—Night Sale. Boren & Nye, Pawnee City, Neb.
Feb. 14—Jno. C. Simon, Humboldt, Neb.
Feb. 15—Robt. B. Steele, Falls City, Neb.
Feb. 15—Lyden Brothers, Hildreth, Neb.
Feb. 15—Dr. Burdette & R. E. Mather, Centuria, Kan.
Feb. 16—Geo. H. Burdette, Auburn, Neb.
Feb. 17—Earl Babcock, Fairbury, Neb.
Feb. 17—W. T. McBride, Parker, Kan.
Feb. 17—Gwin Bros., Morrowville, Kan.
Feb. 18—J. C. Martin, Weida, Kan.
Feb. 19—Guy Zimmerman, Morrowville, Kan.
Feb. 22—W. L. Fogo, Burr Oak, Kan.
Feb. 23—Pratt Co. Duroc Breeders' Assn., V. E. Cripps, Mgr., Pratt, Kan.
Feb. 23—C. H. Black, Neosho Rapids, Kan., in Emporia, Kan.
Feb. 24—John W. Jones, Minneapolis, Kan. Sale at Salina, Kan.
Feb. 25—Frank Walker, Osceola, Neb.
Feb. 25—W. W. Oley, Winfield, Kan.
Feb. 28—H. W. Flook, Stanley, Kan.
Mar. 2—John Sylvestor, Oxford, Neb.
Mar. 4—H. C. Luther, Alma, Neb.
Mar. 5—F. J. Moser, Sabetha, Kan.

Percheron Horses.

Mar. 8—Chas. T. Dyer, Pratt, Kan.
Feb. 16—Northwest Kansas Percheron Breeders, Concordia, Kan. Clyde Dull, Washington, Kan., Sale Mgr.

Shropshire Sheep.

Jan. 25—Kansas Shropshire Breeders' Assn., Wichita, Kan. O. A. Homan, Peabody, Kan., Mgr.

Sale Reports

Hoffman's Ayrshire Sale

The sale of Ayrshire cattle was held by H. H. Hoffman, December 8, at Abilene, Kan., as scheduled. The offering sold at an average of \$158 per head, which was below the value of the Ayrshires sold. Daughters of Bangoras Sir Melrose were in demand, four sold for an average of \$212.50, and six of them, including a heifer calf, sold for an average of \$175.

Annual Clydesdale Sale at International.
The 50 stallions and mares consigned to the annual sale of purebred Clydesdales made an average of about \$350. A few of the animals sold at below their values, but the sale through was satisfactory to both buyers and sellers. The top price was \$1000 paid by Alex. McLaren of Chicago for the yearling stallion Langwater Fashion. The Union Stockyard and Transit Co., of Chicago took the long end of the offering buying both stallions and mares.

Angus Sell Evenly at International.
The International Angus sale was not marked by any extreme prices but the entire offering sold at an even run of prices and was distributed to all sections of the United States. Many new breeders bought cattle in this sale which is considered an indication of the healthy condition of the demand for Angus cattle of good type and breeding. The 47 cattle sold for an average of about \$620, the 8 bulls averaging about \$890 and the females about \$600. The University of Minnesota paid the top price buying the 2-year-old bull Quaker Lad 2nd for \$1800. The top female was consigned by L. R. Kershaw, Muskogee, Oklahoma and went to the Tudor herd in Iowa at \$1475.

H. C. Hartke's Duroc Sale

16 sows and gilts averaged.....\$24
2 boars averaged.....\$24

18 Head averaged.....\$23
The H. C. Hartke sale at Lost Springs, Kan., December 14 was a sale of fairly well

bred Durocs on a day when roads were very bad following a snow in that part of the country. The average for those sold was not unsatisfactory. There were forty hogs in the offering but the unbranded gilts and hogs were in too little demand by buyers to justify continuing the sale after the sows and bred gilts were taken. The top price, \$44 was paid for a tried sow.

The International Polled Shorthorn Sale.
The female end of the Polled Shorthorn sale at this year's International was as good a lot as the breeders have ever offered. This cannot be said of the five bulls which sold at an average of \$233 however. The top bull was Prince Royal, a junior yearling, which went to W. O. Smith, Oxford, Ind., at \$500. The 22 females averaged \$492. J. H. Clamme, Upland, Ind., paid the top price of \$1000 for the Illinois consigned White-hall Beauty. The second top was \$900 paid by C. G. Bates of Illinois for Lee Dale Gardenia from the Leemon show herd. Ed. Lukavsky was the heaviest buyer taking five females to his farm at Riverside, Iowa at considerably above the average of the sale.

Polled Herefords Make Good Average.
The Polled Hereford breeders held their second annual sale at this year's International. The average of about \$470 for the 28 head sold was not as high as might have been expected but was a profitable average to the breeders as most of the lots were taken as foundations for new herds. The only bull that had a right in a public sale was Bullion's Lad, a junior calf which sold to W. C. Johnson & Son, Fayette, Mo., for \$1225. Four other bulls sold at low prices in full accord with their quality. The top female also sold at \$1225 when P. M. Christensen of Lone Rock, Ia., bought the September 1919 heifer Lorena Dale. Polled Marvel 8th another heifer of the same age went to Ralph Painter, Stronghurst, Ill., at \$1150.

Dornwood Jerseys Dispersed.
The dispersal of Dornwood farm herd of Jersey cattle at the fair grounds, Wednesday, December 15, marked the passing of one of the strongest herds of Jersey cattle in the West. It was a federal accredited herd and was strong in the blood of Financial King, Golden Fern's Lad, Empire, Flying Fox, Oxford Lad and Golden Lad. It was a prize winning herd. Thirty-nine head sold for \$6,500. Of the 39 head many were calves and young heifers. The top was \$500, paid by J. H. Lomax, Leona, Kan., for Emigrant's Design of Dornwood, a five-year-old Register of Merit cow and a product of Dornwood. Fred J. Millican, Topeka, was a good buyer in this sale. He already owns a number of choice Jerseys from this herd. He bought five head in this sale. He is secretary of the Crockett Mercantile company and his herd is in charge of E. W. Yothers, who lives on the farm 12 miles west of Topeka. R. A. Gilliland, Denison; Joe Cranney, Waterville; J. V. Logan, Leocompton; J. H. Lomax, Leona; A. C. Vancamp, Council Grove, were among the Jersey cattle breeders from over the state who were present and bought. Otis Hungate, Paul Heinz, W. I. Miller, T. M. Bagley and W. B. Stewart were Topeka buyers. The cattle sold were of a very high quality and should have brought more money but under the conditions Mr. Doran felt very well pleased with his sale.

Shorthorn Sale at the International.
The offering of purebred Shorthorn cattle sold at the International was fully up to the standard of former years. The fact that they sold for an average of about \$1450 speaks well for the foundation upon which the breed has been built and for the faith that American stockmen have in the future of the purebred beef animal. The females were taken a bit more readily than the fourteen bulls sold but the bull offering carried several of the real bargains of the sale. The bulls averaged about \$1325 with a \$5000 top. The top bull of the sale was the show bull Silver Heart which has been such a consistent winner in the herd of Frank Scofield. He goes to head the herd of A. R. Hamilton, Pittsburg, Pennsylvania. Ballylyn Rodney went to John Alexander & Sons, Aurora, Ill., for \$2,600. He is one of the good red bulls sold in the past year. Two state universities took home bulls from the sale. The University of Nebraska took the good July 1919 calf Augusta's Champion and the West Virginia University took the September 1919 calf Gairford Standard. The females went to 10 states in our own country, to Canada and to South America. H. C. Lambaugh topped the females paying \$2,800 for the many times champion Lady Supreme. The second top female was Miss Snowbird Sultan purchased for \$5000 by E. Casares of Buenos Aires, Argentina. The same buyer also took Duchess of Gloster 50th at \$3500. Dale's Victoria went to Sir Frank Bailey, Oakville, Ont., Canada, for \$3000.

Good Shorthorn Sale at Topeka
2 bulls averaged\$215
2 females averaged 279
25 Shorthorns averaged 262
In the neighborhood of 75 Shorthorn breeders attended the first annual Shawnee County Shorthorn Breeders' association sale at the Free Fair grounds, Topeka, Wednesday, December 15. They were the leading Shorthorn breeders from north central and eastern Kansas and they were pleased with the Shawnee county Shorthorn breeders sale offering. The sale was held in the cattle barn where Sale Manager Blecha had arranged very comfortable quarters for the sale. P. M. Gross of Kansas City did the selling on the block and Jas. T. McCulloch of Clay Center and C. M. Crews of Topeka did excellent work in the ring. The top was \$500, paid by Frank White of Baldwin, Kan., for lot 22, Alysda Beauty, of the H. H. Holmes consignment. Leaving out a few plainer bred cows and two or three of the young bulls the average would have been over \$300. This was the association's first sale and the starting place for many other good sales in the future at Topeka.

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THE CONSIGNORS
H. T. Forbes, Topeka; Tomson Bros., Wakarusa and Dover; J. A. Pringle, Eskridge; G. J. Appleton & Son, Maple Hill; H. E. Huber, Meriden; H. H. Holmes, Topeka.
Below is a list of the buyers and the amounts paid.

FEMALES	
Loraine 4th, July 1918, Forbes consignment; J. S. Marks, McLouth, Kan....	\$190
Flora Belle, January 1920, Tomson consignment; A. G. Skinner, Beverly, Kan.	175
Mysie 63rd, December 1919, Tomson consignment; A. G. Skinner.....	350
Victoria 5th, October 1919, Tomson consignment; Howard North & Sons, Lancaster, Kan.	395
Lady Clipper, October 1918, Holmes consignment; C. N. Marshall, Burlingame, Kan.	550
Rose, May 1919, Appleton consignment; Arthur Stewart, Hoyt, Kan.....	130
Mabel, March 1918, Appleton consignment; G. F. McMillan, Maple Hill, Kan.	125
Leona 4th, February 1916, Appleton consignment; G. F. McMillan.....	224
Wildcyes Iris 2nd, July 1918, Forbes consignment; W. A. Johnson, Topeka.	285
Queen of Scott 5th, July 1917, Huber consignment; G. W. Cramer, Lebo, Kan.	170
Anna Mellowhide, May 1913, Huber consignment; A. B. Rogers, Willard, Kan.	170
Lady Elizabeth 4th, September 1917, Huber consignment; G. W. Cramer, Lebo.....	295
Lady Isabel 5th, May 1913, Huber consignment; G. W. Cramer, Lebo.....	180
Alysda Beauty, August 1919, Holmes consignment; Frank White, Baldwin, Kan.	600
Orange Lady, January 1920, Holmes consignment; Chas. Wilson, Cedar Point, Kan.	400
Peabody Wildcyes 35th, September 1914, Forbes consignment; A. B. Rogers....	180
Roan Beauty, April 1912, Forbes consignment; John Sims, Topeka.....	160
Alice 2nd, December 1916, Appleton consignment; G. F. McMillan.....	225
Sadie J. May 1909, Forbes consignment; W. A. Gilchrist, Topeka.....	150
Village Flora, February 1917, Huber consignment; Frank White, Baldwin....	400
Jubilee Rose 2nd, January 1920, Tomson consignment; H. E. Skinner.....	250
Jubilee Rose, March 1913, Tomson consignment; Paul Borland, Clay Center, Kan.	500
Lady Supreme, March 1917, Tomson consignment; E. E. Heacock, Hartford, Kan.	350
Fame's Jeanne, October 1914, Tomson consignment; T. J. Appleton, Maple Hill, Kan.	475
Viola's Secret, October 1918, Pringle consignment; J. S. Marks.....	190

BULLS	
Silent Marshall, October 1919, Tomson consignment; J. S. Wilson, Cedar Point, Kan.	380
Snow King, October 1919, Forbes consignment; W. H. Stockenbrand, Vernon, Kan.	265
Bapton Lad, February 1920, Pringle consignment; W. T. Ferguson, Westmoreland, Kan.	185
Proud Sultan, May 1918, Huber consignment; John A. Yoast, Perry, Kan....	225
Orange Stamp, July 1919, Holmes consignment; J. S. Marks, McLouth, Kan.	265
Bull, November 1919; T. R. Evans, Lebo, Kan.	195
Nonpareil Baron, October 1919, Tomson consignment; J. A. Fernan, Lancaster, Kan.	255

Hereford Bulls in Demand.
The noteworthy feature of the Hereford sale held during the International Livestock Show was the strong demand for good bulls. Of the 42 Herefords sold at an average of about \$1355, 17 were bulls which made an average of nearly \$2400. The females including many that were of excellent worth made an average of \$646. The top price of the sale was \$6200 paid by Ferguson Bros., Canby, Mo., for Kirk Fairfax, the four year old son of Perfection Fairfax which has been in use in the Frank Fox herd of Indiana. The sons and grandsons of Perfection Fairfax featured the sale thruout, the demand being greater than ever as the supply is now cut off with the death of the grand old sire. Colbert Fairfax went to South Dakota at \$4700; Abner Fairfax to Tennessee, at \$3500; and Good Fairfax from the herd of Wallace and E. G. Good went home to Orchard Lake

The Largest and Leading Holstein State Auctions Her Best Cattle !!

175 Head **From Fifty Herds**
Show Ring Individuals **Guaranteed Healthy** **Close to Freshening**
A LARGE NUMBER OF THE LEADING HOLSTEIN BREEDERS OF THIS COUNTRY PURCHASED THEIR FOUNDATION STOCK IN NEW YORK STATE

New York is the largest Holstein state in the Union. There are 100,000 Holsteins to choose from. Every popular blood line is well represented. Both long and short time record animals may be secured in this sale. The offerings in this sale have been selected with the idea that they would go to all sections of the country as representative of the very best type the state could produce. They are samples of New York's best. Everyone is an excellent individual; everyone is guaranteed free from disease, and behind each offering stands the state association, combining the leading breeders of every section of New York. This is the first opportunity afforded buyers in a New York State sale to select exclusively from the tops of its leading herds. It will be by all odds the best opportunity to purchase foundation animals such as have gone to make the breed in other states and such as represent the greatest Holstein state at its very best. A very large percentage of the offering is either fresh or due to freshen at sale time. A dozen cows with 30-lb. records; a large number from 30-lb. dams; many yearly records of note represented. The catalog will be ready January 1st. Get one. Look it over and wire a reservation to Secretary Zimmer who will see that you are comfortably quartered and cared for during the sale.

NEW YORK HOLSTEIN ASSOCIATION
E. R. Zimmer, Secy., Syracuse, N. Y.



Holstein Bulls at Half Price
We mean just what we say. Having sold our registered cows to make room for our increasing Duroc business we shall close out our registered bulls at half price, including our herd bulls: King Juliana DeKol Portia 215297, shipped from Wisconsin, 3 yrs., 1/2 white, 2nd prize Colo. State Fair, \$300; Pahaska Pontiac Merrilles 248420, 3 yrs., 1/2 white, brought from New York; King Juliana DeKol Fayne 307590, yearling, 1/2 white, \$125; two calves, 2 and 5 months, \$50 and \$75. These are real bulls. Act today. This ad will appear but once.
THE-BLUE-ribbon LIVESTOCK CO., C. F. Burke, Mgr., Pueblo, Colo.

COLUMBINE HERD OF HOLSTEINS
Sons of Flanderne Johanna Rue Valdessa are selling. Let this one head your herd—Columbine Colantha Valdessa, born Feb. 21, 1920. Three-fourths white, individually right. Dam: Miss Columbine Colantha Ormsby, a wonderful A. B. O. daughter of King Korndyke Colantha Ormsby, whose dam has a record of thirty pounds butter in seven days and 1,255 pounds in a year with over 25,000 pounds milk. \$250.00 buys him.
Spencer Penrose, Owner, Chas. C. Wilson, Manager, Colorado Springs, Colorado

HOLSTEIN BULLS
To improve your dairy herd, from daughters of Alcartra Polkadot Corrector, Korndyke Queen DeKol's Prince; King Mead DeKol, and Aggie Cornucopia Johanna Lad 7th. Short of help, feed and room. Bargain prices. Write for what you want.
McKAY BROS., CADDOA, COLO.

7-Month-Old Holstein Bull
For Sale—A beautiful calf, sired by the 30-lb. Denver Sir Segis (who has a 34-lb. junior 3-year-old sister) and out of a 4-year-old cow that milked 101.4 lbs. milk in 1 day, 696.4 lbs. in 7 days and made 27 lbs. butter in 7 days. Her record was made without earilage or heets and in warm weather. This bull calf has 2 generations of over 100-lb. cows straight back as his grand dam milked 108 lbs. milk in 1 day and 3,100 lbs. in 30 days. This bull will be a gold mine for someone. **WHY NOT YOU?**
MRS. R. G. DOUGLAS, RUSH P. O., COLO.

Grade Holsteins for Sale
You may have any heifer calves from my high-grade Holstein cows for \$30, crated, f. o. b., Troy, Kan., or one purebred male calf for the same price. One purebred yearling bull, \$75.
GEO. F. VOGT, TROY, KANSAS

Holstein Bull Bargains
Purebred bull calves, \$25 up; serviceable age as low as \$75. Sixty head for sale. Quality and breeding will surprise you.
The Bourbon County Holstein Friesian Co., Fort Scott, Kansas

FOR HIGHLY BRED HOLSTEIN CALVES
Heifers and bulls, 6 to 8 weeks old, beautifully marked, from heavy producing dams, \$25 each. **Safe delivery guaranteed.** Write Fernwood Farms, Wauwatosa, Wis.

HOLSTEIN AND GUERNSEY CALVES
6 and 8 weeks old, \$25 each; reg. bulls, \$50. We ship C. O. D., subject to inspection.
Spreading Oak Farm, R. 1, Whitewater, Wis.

ABERDEEN-ANGUS CATTLE

12 Bulls
Eighteen to twenty months; big strong fellows. Priced to sell.
J. D. MARTIN & SONS
R. 2, Lawrence, Kan.

35 Reg. Angus, All Females
Two-thirds will be two years old in March and April. Most of the remainder are younger. Large, thrifty, well bred females from best Angus families, bred to bulls equally good. Sell singly or in groups. Priced right. Will give time if preferred.
E. M. CHASE, R. 6, UOWARD, KANSAS



R. M. Smith, Supt.
Marinette County Asylum
Peshtigo, Wisconsin,
writes

"I am thoroughly convinced that the Holstein cow is the greatest Institution cow in the world. That is one place in particular where the Holstein cow is superior. She saved this Institution, saved my reputation as to judgment."

Send for free booklets.
The Holstein-Friesian Ass'n of America
292 American Bldg., Brattleboro, Vt.

HOLSTEIN BREEDERS AND FARMERS

We have sold our farms and will sell at private sale our entire herd of 80 head pure bred and registered cows, heifers and bulls. Bulls ready for service, \$100.00 to \$125.00 for quick sale.

Smith & Hughes
Route No. 2, Topeka, Kan.

BRAEBURN HOLSTEINS
Three yearling bulls from A. R. O. dams. One by Walker Copia Champion, whose dam and sire's dam held world records in their day, and one of whose daughters has held the Kansas state record for a year for any age, and another the state record for a year for senior 2s. Two by Count College Cornucopia, whose dam and sire's dam average 648 lbs. milk and 32.62 lbs. butter for a week. All ages younger, of like quality.
H. B. Cowles, 608 Kan. Ave., Topeka, Kan.

2 Reg. Holstein Bull Calves
\$50 each. **W. H. Williamson, Raymond, Kan.**

THE LIVESTOCK SERVICE

Of the Capper Farm Press

Is founded on five great farm papers, four of which lead in circulation and farm prestige in their respective sections, while the fifth covers the best one third of the United States with the greatest general farm circulation of this territory. Orders for starting or stopping advertisements with any certain issue should reach this office eight to ten days before the date of that issue. Advertisers, prospective advertisers or parties wishing to buy breeding stock, can keep in direct touch with the managers of the desired territories at the addresses given below. Where time is limited, advertising instructions should come direct to the main office, as per address at the bottom. All cancellation orders must be addressed to main office at Topeka.

TERRITORY MANAGERS AND THEIR TERRITORIES.
John W. Johnson, Northern Kansas, 820 Lincoln St., Topeka, Kan.
J. T. Hunter, Southern Kan. and W. Okla., 427 Pattie Ave., Wichita, Kan.
Elliott S. Humphrey, Special, 300 Graphic Arts Bldg., Kansas City, Mo.
J. Cook Lamb, Nebraska, 3417 T St., Lincoln, Neb.
Stuart T. Morse, Okla. and S. W. Mo., 631 Continental Bldg., Oklahoma City.
O. Wayne Devine, Western Mo., 300 Graphic Arts Bldg., Kansas City, Mo.
Harry R. Lease, Eastern Mo., and So. Ill., Centralia, Mo.
George L. Bergeson, N. E. Neb. and W. Ia., 1805 Binney St., Omaha, Neb.
Glen Putman, Iowa, 1611 Carpenter Ave., Des Moines, Ia.
W. J. Cody, Office Manager, Topeka, Kan.
T. W. MORSE, DIRECTOR AND LIVESTOCK EDITOR.
Livestock Service Capper Farm Press, Topeka, Kan.

STATE ASSOCIATION DUROC SALE

At Stock Show, Denver, Colo. Jan. 18

The Banner Bred Sow Sale of the Season.
Because the best blood lines are represented.
Because you can choose from many herds.
Because they must pass a rigid inspection.
Because it includes many prize winners.
Because an iron clad guarantee protects you.
Because Colorado Duroc breeders are behind it.

Because of the above facts you will find this sale the best place to buy Duroc bred sows that represent the best of the breed in type and pedigree.

Our free catalogue will be a revelation to you. If you want real foundation stock for pork herds, breeding herds or show herds, you will find this to be a sale of real herd building material. If you want Big Type Durocs With Quality, Come to Denver Jan. 18th. Write for catalogue to Colorado Duroc Breeders' Association.

C. F. Burke, Sec'y and Sale Mgr., Pueblo, Colo.
Auctioneer, Col. Ord L. Leachman. Sale Committee, C. F. Burke, J. W. Brauer, R. C. Kibbey.

POLAND CHINA HOGS.

POLAND CHINA BOARS AND GILTS

We sell several hundred head of breeding stock at private sale each year and they satisfy. Write your wants to

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

The Lone Cedar Polands

Spring pigs either sex, by Big Chimes he by Big Hadley Jr. Also herd boar material in fall boars by The Yankee Jr., he by The Yankee and bred same as The Rainbow. Pigs out of Big Orange bred sows. Cholera immune. A. A. Meyer, McLouth, Kan. (Jefferson Co.)

Big Boned Polands

Spring boars and gilts, ready for service; fall gilts and tried sows; fine fall pigs, both sex; immune and recorded. Satisfaction guaranteed.

W. D. ADAMS, HUME, MISSOURI

ROADSIDE FARM POLANDS

10 March boars, actual tops and a few choice gilts same age. The blood lines are popular and the prices are right.

T. Crowl, Barnard, Kansas, Lincoln County

Big Bone, Stretchy Polands

Spring boars and gilts ready for service; fall gilts and tried sows; fine fall pigs, both sex; immune and recorded; priced to sell. Satisfaction guaranteed.

ED SHEEHY, HUME, MISSOURI

Big Black Polands

Summer and fall boars and gilts that are growthy, and priced to sell. Also a few fall yearling gilts that are bred extra good.

E. M. WAYDE, R. 2, Burlington, Kansas.

Poland China Boars and Gilts

Spring farrow and big, well-grown kind. Farmers' prices. Also bargains in late summer and fall pigs, either sex. Papers right with the animal.

P. L. BAILOR, ONEIDA, KANSAS

POLAND CHINA BOARS

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

G. A. Wiebe & Son, R. 4, Box M, Beatrice, Neb.

POLAND-CHINA BOARS

Sired by the 1200-lb. Longfellow and A Wonder Hercules. Winner at Kansas Free Fair.

James Nelson, R. 1, Jamestown, Kansas

PUREBRED POLAND CHINA BOARS

May farrow, eligible to registry. Immune, Dec. price \$30. John Hime, Manchester, Okla.

HAMPSHIRE HOGS.

WHITEWAY HAMPSHIRE

Sold on approval; a few choice boars; gilts open or bred; the big, growthy kind; flinty bone and quality; fall pigs, either sex. Special prices for 30 days.

F. B. WEMPE, FRANKFORT, KANSAS



Walter Shaw's Hampshires
200 head; registered; immune; 35 tried sows bred; 50 gilts; service boars; best of breeding.
Wichita, Kan., R. 6, Tel. 3918.
DERBY, KANSAS.

REGISTERED HAMPSHIRE HOGS

Spring boars and gilts; also one tried boar; excellent breeder. Priced to sell. C. R. Pontius, Eskridge, Kan.

Hampshire Weanling Pigs

For sale cheap. Henry Binard, Burlington, Colo.

DOGS AND PONIES

German Shepherds, Alredales, Collies and Old English Shepherd dogs. Brood matrons, puppies, farm helpers. 10c for instructive list.

W. R. Watson, Box 1909, Oakland, Iowa

ENGLISH SHEPHERD and Scotch Collie puppies.

Natural heelers. Ready to ship. \$7 to \$10. H. W. Chestnut, Kincaid, Kansas.

LINE BRED AIREDALE PUPPIES

For sale. Write the Lawrence Kansas Alredales or telephone 2074, Lawrence, Kansas.

SHETLAND PONIES FOR SALE

All ages. Emmons Bros., Hill City, Kansas.

FOX TERRIER PUPS. Females, \$5.00; males, \$7.00. Will Taylor, Broughton, Kan.

SHEEP.

REG. SHROPSHIRE RAMS

Also a few choice ewes and ewe lambs. Farm 3 miles north of town.

J. R. Turner & Son, Harveyville, Kansas.

SHROPSHIRE AND HAMPSHIRE RAMS

Priced to sell; satisfaction guaranteed.

CEDAR ROW STOCK FARM,
A. S. Alexander, Prop., Burlington, Kansas

SHROPSHIRE SHEEP

Bred ewes, a few young rams, good ones. Priced right. W. H. Johnson, Frankfort, Kan.

BERKSHIRE HOGS



Laurel's Epochal 10th Junior Champion Berkshire Boar of America, 1920

YOU KNOW THE FAULTS OF THE BIG TYPE HOGS YOU HAVE

It will take years to correct them. Change to Epochal Berkshires and the faults will be corrected now. Epochal Berkshires are big, deep, smooth, and early maturing. They are the deepest big-type hogs.

EPOCHAL BERKSHIRES

Hace: World's Greatest Show Record
All World's Record Prices for Berkshires
Largest Herd of Berkshires in the World

This wonderful record came to the Epochal herd through the unwavering, pork-producing superiority of Epochal Berkshires.

That Epochal Berkshires make good for others as well as for us is amply proven by the fact that the grand champion Berkshire Barrow of the 1920 International Live Stock Exposition was sired by a son of Epochal. Epochal Berkshires have always sold at prices which only breeders could afford to pay. We know Epochal Berkshires are the greatest hogs ever produced in the swine industry. We want hog men everywhere to know this, and to acquaint farmers with this great strain we now offer a limited number of cholera immune, registered, mated trios—

One Boar and Two Gilts at Less Than Half Our Regular Price
FOUR MONTHS' OLD TRIO - \$189

Write to 1006 South Michigan Avenue, Chicago, today for all particulars of our remarkable new offer

Martinsville, Ind. Preston, Kan. Axial, Colo.

GOSSARD BREEDING ESTATES

KING'S BERKSHIRES

A few fall pigs \$15 and \$20; boars ready for service; sows for spring farrow. R. C. KING, R. 5, Burlington, Kan.

SPOTTED POLAND CHINA HOGS.

SPOTTED POLAND FALL PIGS

Will ship a big, husky, well-marked pig, 50 to 60 lbs., for \$30; a few spring boars and gilts, 150 lbs. or more, at \$50; am breeding a few extra choice gilts for April farrow at \$75. Everything registered and immune. Satisfaction guaranteed or money back.

CLOVERDALE STOCK FARM

Wm. Atwell Burlington, Kan.

Buy Some Spotted Polands

Special prices on tried sows and yearling gilts, bred or open. Good serviceable boars and fall pigs. Everything immune and in thrifty condition. Very attractive prices on lots of five or more.

THOS. WEDDLE, R. 2, WICHITA, KANSAS

OLD ORIGINAL SPOTTED POLANDS

Special prices on yearling boars, spring boars, sows and gilts bred for March farrow.

CEDAR ROW STOCK FARM,
A. S. Alexander, Prop., Burlington, Kansas

FAIRHOLME SPOTTED POLAND CHINAS

Home of the great Leopard King 6339, Junior grand champion National Swine Show 1918. A strong line of breeding stock out of large litters. Double immune. Thirty-day special price on males.

WM. HUNT, OSAWATOMIE, KANSAS

SPOTTED POLAND HOGS

Standard or English bred, either sex. Special prices on young boars; have a few Hampshires. All hogs reg. and immune. C. W. WEISENBAUM, Altamont, Kan.

Curtis Spotted Polands

Reg. boars, \$35 each; gilts, \$30; August pigs, \$20; fall pigs, \$15. T. L. Curtis, Dunlap, Kan.

MCCUNE'S SPOTTED POLANDS

Spring boars; spring gilts, open; tried sows, bred for spring farrow. Priced for quick sale.

R. H. McCune, Longford, Kansas

Big boned Spotted Poland boars, \$25 each.

Immune. Wm. Meyer, Farlington, Kansas.

CHESTER WHITE HOGS.

Big Spring Boars \$40

Smaller ones, \$30. Bred sow sale, February 12. Sale in Tonganoxie. Your order for catalog booked now.

HENRY MURK, TONGANOXIE, KANSAS
Leavenworth County

REGISTERED CHESTER WHITES

Herd boar \$75.00. Bred yearling sows \$65.00. Open sows \$50.00. June gilts \$25.00. Earl Scott, Belvidere, Kan.

CHESTER WHITE GILTS AND BOARS

Fall gilts for Feb. farrow, spring gilts for March farrow. Spring boars; good ones. E. E. SMILEY, Perth, Kan.

O. I. C. PIGS, \$12.00 EACH

E. S. Robertson, Republic, Missouri

CHESTER WHITE BOARS AND GILTS by

Bob Tip Top, W. H. Lynch, Neosho Rapids, Kan.

BIG CHESTER BOARS, ALL AGES

F. Scherman, R. 7, Topeka, Kan.

APRIL AND SEPT. CHESTER WHITES

For sale. Verg Curtis, Larned, Kansas.

Farm at \$3300. One of the bull bargains of the sale was the senior calf Perfect Dawn 2nd consigned by Miss Mary Sweitzer of Independence, Mo., which went to Geo. Bowles, Lubbock, Texas at \$2350. Two sons of Blayney's Wyoming sold at \$3450 and \$2500. The female average was not cut thru poor quality but the fact that most of the offering were young heifers held down the general average. The top was \$1900 paid by A. Johnson, Abilene, Texas, for the 2-year-old Patricia consigned by Largent & Sons, a daughter of Perfection Fairfax went to J. L. Williams, Bellefourche, S. Dak. at \$1400.

Field Notes

BY J. W. JOHNSON

Lant Bros' Durocs

Lant Bros. of Dennis, Kan., owners of one of the good Duroc herds in Kansas are offering a choice lot of boars and gilts sired by Orion Cherry King, Pathfinder, Pal's Col. Jr., King the Col. and Illustrator. If you want Durocs of the best breeding and individuality look up their ad and write them for circular. They have a lot of choice herd material.—Advertisement.

Northwest Kansas Percheron Sale

The Percheron horse breeders of northwest Kansas will hold a sale at Concordia, Kan., February 16. Clyde Dull, Washington, Kan., is the sale manager and the principal consignor. If you have something choice that you would like to consign write Mr. Dull at once and tell him just what you have in the first letter. This is a sale in which real Percherons will be sold and nothing but good ones will be cataloged. Remember the date is February 16 at the fair grounds, Concordia, Kan. The sale will be advertised in the Kansas Farmer and Mail and Breeze. Mr. Dull could use a few more good ones and if you are interested write him right now as the time is short.—Advertisement.

The Kansas Duroc Sale Circuit

One of the most important campaigns of breed promotion and co-operative selling ever inaugurated in the state of Kansas is the Kansas Duroc sale circuit now being arranged by the Kansas Duroc Jersey Breeders' association. Fifty head of carefully selected bred sows will be sold at auction in each of the eight congressional districts, the entire eight sales being catalogued in one catalog, and advertised in one series of advertisements. These sales will afford an especially welcome opportunity for the breeder with only a few bred sows to dispose of them under the most favorable circumstances. Entries close January 1. Ralph Searle, Tecumseh, Kan., is sale manager, and will be glad to furnish full particulars.—Advertisement.

S. B. Amcoats' Shorthorns

S. B. Amcoats, Clay Center, Kan., would like to hear from anyone who wants to buy a young Shorthorn bull. As you likely know, Mr. Amcoats is one of the strong Shorthorn breeders in Kansas and always has something good to sell. At present he offers a string of young bulls of serviceable ages. Six of them are extra choice Scotch bulls. These are reds, whites and roans in colors and very desirable. He also has some choice bulls of the same age of very fine Scotch topped breeding. Mr. Amcoats will be pleased to hear from you if you are needing a bull and will gladly answer any questions you may care to ask about his bulls. He also has some nice females for sale. Bred cows, bred heifers and open heifers. He wants to sell and you will be consulting your own interests when you get in touch with him if you want Shorthorns. Look up his advertisement in this issue of the Kansas Farmer and Mail and Breeze.—Advertisement.

A. J. Hanna to Sell Durocs January 25

A. J. Hanna of Burlingame, Kan., Osage county, has claimed Tuesday, January 25, as the date for his big Duroc Jersey bred sow sale. A movement is on foot to build a modern sale pavilion in Burlingame and work is to start at once. I am not sure whether it will be ready for Mr. Hanna's bred sow sale or not but you can rest assured that a good comfortable place in Burlingame will be provided for this sale. Fifteen tried sows, picked for this sale because they are good; 17 splendid fall yearlings and eight spring gilts comprise the offering. They are going to be bred to the typical Pathfinder boar in Kansas. He is a splendid Pathfinder. The entire offering with the exception of two sows by Pal's Giant, are by Dictator, a line bred Cherry Chief and King's Col. 40th by King's Col. All of them bred and raised by Mr. Hanna. The dams of the offering are Illustrators, Cherry Chief and Col. sows. This sale starts the ball rolling in Kansas Duroc Jersey affairs and Mr. Hanna is starting it with a superb offering of properly conditioned, well bred and well grown fall and spring gilts and tried sows that are special and attractions in any sale. Just as well write today for this catalog and get one as soon as they are off the press because you are going to want it. The sale will be advertised in the Kansas Farmer and Mail and Breeze soon.—Advertisement.

BY J. T. HUNTER

Overstake Bros., Atlanta, Kan., change their advertisement in this issue. They have some good spring gilts and fall boars for sale. Some are sired by old Pathfinder. Good Durocs and all are sold immune, guaranteed, and express prepaid. Write today, mentioning Kansas Farmer and Mail and Breeze.—Advertisement.

Livestock Sales at Kansas National

A farmer in eastern Kansas recently remarked to me that he had never owned a purebred animal of any kind until four years ago at which time he bought some purebred hogs, at the time doubting if he was doing a wise thing. Within a year's time his purebreds were showing up so much better than his grades handled under exactly the same conditions that he sold every hoof of the grades and continued with purebreds alone. This farmer continued his remarks by saying that while he did not consider himself a feeder or a breeder that preceding his raising purebreds he had marketed hogs and had never topped the market but within the last three years had topped the Kansas City market several times with culls from his purebreds. He had proved to his own satisfaction that raising purebreds if for no other purpose than marketing them had been a paying proposition for him. This farmer's experience is repeatable. If one thinks a sudden change from grade livestock to purebreds

is not preferable—and sometimes conditions are such that it is not preferable, but such conditions are scarce, then one might grade up the herd by use of a purebred sire. Such a direction. Fully 75 per cent of the Kansas and Oklahoma farmers are using purebred sires. Now, the dams in the herd are related to but few in that herd but the sire is parent to most all of them and therefore his influence is greater than the dam's. If purebred sires were used in Kansas and Oklahoma the increased size and improved quality would within a very short time be so noticeable in those states that even those not at all interested in looking at livestock would be impressed with the change. The increased size and improved quality secured on no more feed than for scrubs would insure greater returns. With livestock on a profitable basis farming as a whole would improve. Our land in Kansas and Oklahoma has been mined to the point where we now must change methods of farming. Diversified farming is necessary and livestock must play a considerable part in that. We must have more and better livestock on our farms and better livestock is going to come thru careful selection. The week of January 24 to 29 presents itself as an opportune time for farmers of Kansas and Oklahoma to select some of the best seed stock obtainable. That is the week of the Kansas National Livestock Exposition. The greatest number of registered farm animals will be assembled at this exposition that have ever been assembled in one place in the United States. In addition to the show held here is what will be sold—every animal a registered animal. Two hundred Shorthorns, 200 Herefords, 100 Angus, 100 Holsteins, 75 Poland Chinas, 75 Duroc Jerseys, 50 Hampshires, 100 Shropshires, 50 Jacks and Jennets, 50 Belgians, Coach, and Road horses, 100 Percherons, and in addition to these there will be 50 big mules and a large number of feeder cattle. Here is a wonderful opportunity to find what you want in way of types and breeds of farm animals. F. S. Kirk is manager of the Wichita National. Write him for a catalog of the breed in which you are particularly interested. Watch the advertising columns of the Kansas Farmer and Mail and Breeze for further information concerning America's greatest livestock show and sales.—Advertisement.

Smith's Jerseys

Milk and butter are always in demand and it takes dairy cattle to produce these commodities in considerable quantities. The farmer who keeps a few dairy cows is assured of a cash market for his product at all times of the year. That is one of the main reasons why dairy cattle have to a large degree escaped the price reduction that has touched practically everything that the farmer has to sell at this time. Feed is very cheap and now is the time to start a herd or add to a herd of registered dairy cattle. It would be a good time to buy a young bull and grow him out and thus

DUROC JERSEY HOGS.

Valley Spring Durocs

Big-type spring boars, \$30 to \$40; summer boars and gilts, unrelated, \$25; tried sows and high-class gilts, bred to sons of such noted sires as John's Orion, Pathfinder, Jr., I Am A Great Wonder, Giant, and Joe King Orion; farmer prices; all immune; registered; guaranteed. Registered fall weanlings, \$15 and \$20. Terms to responsible parties.

E. J. BLISS, BLOOMINGTON, KANSAS

PATHFINDER SPRING GILTS

as well as fall boars. Some sired by Pathfinder. Registered, immune, guaranteed. We prepay express charges.

OVERSTAKE BROS., ATLANTA, KANSAS

BRED SOWS AND GILTS

Also spring boars. 20 big tried sows, fall yearlings and spring gilts, bred to or sired by Great Wonder Model and Pathfinder Graduate for March and April litters. Big, rugged, spring boars \$30.00 to \$50.00. Shipped on approval. HOMER DRAKE, Sterling, Kan.

FAIRFIELD FARM DUROCS

12 April boars, 200 to 250 pounds, sired by Royal Orion 349033 and Lady's Col. Orion 287401. Priced cheap, \$65.00 to \$75.00.

BEAUCHAMP & HINER, HOLTON, KAN.

DUROCS Defenders! Largest herd of

intensely bred Colonels in the West. Breeding stock of all ages for sale.

DAYTON CASTLEMAN, BUNCETON, MO.

CHOICE DUROCS

Large type; Proud King Orion breeding; double immune; bred gilts for sale later. Priced to sell.

M. STENSAAS, CONCORDIA, KANSAS

REPOGLE'S DUROCS

Spring gilts and boars; fall boars; weanlings sired by a son of the 1917 National grand champion, Jack's Orion King 2d and a grandson of Fancy Col. Good Durocs; priced reasonably. Sid Repogle, Cottonwood Falls, Kan.

Extra Good Bred Gilts

spring and summer yearlings of Pathfinder and Orion breeding bred for September farrow to High Orion Sire and Chief Pathfinder. Young herd boars by Pathfinder and Great Orion Sire. Write for about good Durocs. GWIN BROS., MORROWVILLE, KAN.

McComas' Durocs

20 good spring boars; 100 fall and spring gilts; Pathfinder and Orion Cherry King breeding; cholera immune; priced to sell.

W. D. MCCOMAS, Box 455, WICHITA, KAN.

Boars—Boars—Boars

A splendid bunch of real prospects, herd leaders, including our prize winning litter at both Topeka and Hutchinson fairs. Come and pick a herd boar. We have them. Come early, get your choice.

ZINK STOCK FARMS, TURON, KANSAS

Sensation and Pathfinder

Good spring boars at \$40 each; extra gilts by Cherry Chief and Pathfinder. Bred to High Orion for spring farrow; also tried sows bred; August pigs, either sex. Prices will suit.

Henry Woody, Barnard, Kan., Lincoln County

REGISTERED DUROCS FALL PIGS

Either sex; also a number of older males and gilts; all well grown and good ones. J. E. Weller, Holton, Kan.

SOWS BRED FOR SPRING FARROW

Choice individuals; best of blood lines; priced reasonable; Orion and Pathfinder breeding.

RALPH P. WELLS, FORMOSO, KANSAS

avoid paying a long price for one later. Deane L. Smith, Colony, Kan., has a young Jersey bull by Financial Gypsy King by Financial Countess Lad and out of a good cow of Noble of Oakland breeding. This is a satisfactory price. Please mention Kansas Farmer and Mail and Breeze when writing Mr. Smith.—Advertisement.

Homer Drake Offers Some Good Durocs
Only good registered hogs should now be considered for foundation stock. The very reasonable prices at which such hogs can be bought justifies the purchase of no other kind of seed stock. Homer Drake, Sterling, Kan., has some good foundation Durocs for sale. He will sell a few spring and fall gilts and tried sows. The gilts are sired by Great Wonder Model, a 1st prize boar at state fair. This boar is a brother of Great Wonder I Am, the boar that laid the foundation for the wonderful Sensation family. The gilts are bred to Pathfinder Graduate, an extra good Pathfinder boar out of Queen of Graduate, the grandchampion sow at the state fair. These are top quality gilts. The sows are good ones. Buyers will find that the Drake herd is always closely culled, the lesser quality hogs going directly to market and only the acceptable kind kept for sale. An inquiry will receive prompt attention on Mr. Drake's part. Please mention Kansas Farmer and Mail and Breeze when writing.—Advertisement.

BY E. S. HUMPHREY

Real Attractions in Holstein Bulls
In looking over some of the purebred herds of Colorado I saw some very attractive Holstein bulls at Blue Ribbon Farm, Pueblo, Colo. This company is carrying an extra large herd of good Durocs and in order to make room to take care of their hog business they decided to close out their herd of purebred Holsteins. They sold their cows in one lot and are now offering some very attractive bargains in bulls. To move them quick they are pricing them at half their worth. These bulls are of good dairy type and in addition to their striking individuality are backed up with good heavy producing long time pedigrees. One of the herd bulls was second prize at the Colorado State Fair and the other 3-year-old bull is fully as good. Their marking should suit anyone as they are 3/4 white or better. The prices they are holding these bulls at are certainly low and could not be made were they not closing out their herd. If you are interested in Holstein bulls look up their advertisement in this issue and write the Blue Ribbon Farm at once.—Advertisement.

Kansas National Percheron Sale.

The Percheron sale at the Kansas National will be one of the greatest offerings of breeding Percherons ever sold in the United States. It is doubtful if there has ever been a Percheron sire which has been such a consistent sire of both stallions and mares which have been great individuals and have been the sires and dams of great individuals as the International grand champion Carnot 66666. At the time W. S. Corsa purchased Carnot for \$10,000 that was an unheard of price. Six years later, however, Carnot had so thoroughly demonstrated his worth as a sire that Mr. Corsa sold a half interest in him for \$20,000. Each year since Carnot was first shown in 1909 his get have been taking many of the high ribbons in the strongest horse shows in the United States. Carnot has done one thing that no other horse of any breed has been able to do—his get have won in the get of sire class at every International show since 1912. This class is the great "win" for any stallion and to be able to do it once stamps a horse as a breed improver. To be able to do it consistently year after year with a constantly changing group is a record the value of which cannot be estimated. In the sale at the Kansas National there will be 33 stallions sired by either Carnot or one of his sons and 22 outstanding mares which are either sired by or bred to Carnot or his sons. Mr. Corsa writes that he is consigning some extra good animals sired by Carnot direct from Gregory Farm. This sale will offer the best blood of the breed at a time when the outlook for the Percheron industry is brighter than it has been in years.—Advertisement.

Colorado State Duroc Sale

The Colorado Duroc Breeder's Association are going about the business of putting Colorado Durocs on the map in a way that cannot help but succeed if persisted in. Their method is to select not more than three bred sows from each well known herd in the state, have them bred to the best boars in Colorado and offer them at auction on January 18th, at Denver during the National Western Livestock Show. I have seen quite a few of the individuals that will go in this sale and I want to say that old show men will be surprised at the size, quality and type of the offering that has been selected for this sale. Among some of the attractions is the junior champion sow of Colorado, a sister to the grand champion boar of Colorado. She was also reserve champion sow at Denver. The offering also includes a sister to the first prize junior yearling sow at Pueblo, several daughters of Cherokee, the grand champion boar of Colorado, and one grand daughter of Ohio Chief. The catalog of the sale is something different from the ordinary catalog. You will want one. There cannot help being many bargains in this sale, as it is gotten up as a bred promotion sale and it is the purpose of the culling committee to allow nothing off type or bad in any way to pass thru the sale. Breeders, show men, and farmers alike can easily be benefited by attending this sale. The guarantee put on each animal is about the strongest I have ever seen. The catalog can be obtained by writing The Colorado Duroc Breeders' Association, C. F. Burke, Sec'y. and Sale Mgr., Pueblo, Colo.—Advertisement.

BY J. COOK LAMB

Lyden Brothers Duroc Sale

Lyden Brothers, Hildreth, Nebraska, are selling fifty head of bred Duroc sows January 7, 1921, in the Minden sale pavilion. These sows and gilts are the top selections of many of the leading herds of Illinois, Iowa, Nebraska, Kansas and the Lyden Brothers herds. They carry the most popular blood of the Duroc breed including daughters of both the national grand champions besides some of the leading prize winners of 1920 and the entire lot are sired by Golden Pathfinder the \$5,000 herd boar. Golden Pathfinder is by Pathfinder's Repeater and out of a line bred Fattigdale dam. This boar has an abundance of quality, smoothness and is strictly the present day type. Write for Lyden Brothers catalog, Hildreth, Neb.—Advertisement.

Blue Blood Duroc

Lyden Brothers Sale

Minden, Nebr., Sale Pavilion January 7, 1921

50 Head, the Prize Winning Kind

All sell bred to the \$5,000 herd boar Golden Pathfinder. Following is a number of sale head liners:

One spring gilt by Pathmarker, the 1920 champion.
One fall yearling by Great Orion Sensation, the many times champion.
One yearling by John's Orion, a sow with great smoothness and scale; first in class at Kansas State Fair, 1920.

One spring gilt by Chief Pathfinder.
One High Pathfinder yearling.
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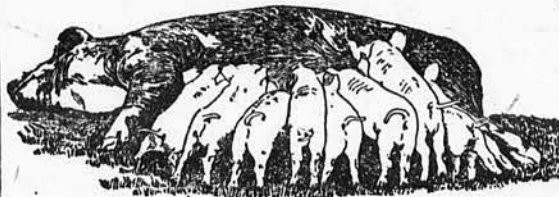
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