

# KANSAS FARMER AND MAIL & BREEZE

Volume 61

December 15, 1923

Number 50



**B**OYS AND GIRLS in every Kansas county are invited to start a business for themselves during 1924. The story in this issue explains how to enroll in the Capper Pig and Poultry Clubs. If you have no purebred livestock Senator Capper will help you buy the kind you want.



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# GOODYEAR

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Kow-Kare has such positive action on the digestive and genital organs that its benefit is soon shown in the milk yield. Thousands of successful dairymen are now using it regularly about one week in each month for every cow. Especially during the winter months it aids in keeping up a full yield from dry rough feeds.

Dairy authorities say that the average dairy can double the net profit if measures can be found to increase the milk 10%. Kow-Kare is a regular part of the feeding course in thousands of dairies where surprising increases in milk yield are being accomplished.

Kow-Kare, of course, is primarily a cow medicine. It increases milk flow only because it builds up the same set of organs that must be reached when cow diseases are being treated.

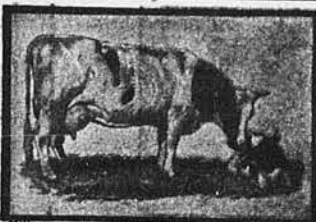
Such troubles as Barrenness, Abortion, Retained Afterbirth, Scours, Bunches, Milk Fever, Lost Appetite can be successfully eliminated by Kow-Kare because it restores health to the genital and digestive organs.

There is a definite profit advantage for every user of Kow-Kare. Cow health and big milk yields are inseparable. Our free book, "The Home Cow Doctor," is yours for the asking. It tells the various uses of Kow-Kare, with which every cow owner should be familiar.

Feed dealers, general stores and druggists sell Kow-Kare, \$1.25 and 50c sizes. If dealer is not supplied, order direct. We pay postage.

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## Farm Organization Notes

### Two Big Farm Associations in Kansas Make Plans to Merge Grain Pooling Arrangements

BY JOHN W. WILKINSON

WHEAT growers in Kansas are much pleased with the recently announced plan of amalgamating the wheat pooling arrangements of the Kansas Wheat Growers' Association and the Kansas Farmers' Union. At a recent meeting in Kansas City a joint committee was appointed to draft a new 100 per cent annual pooling contract, which when formulated and approved by the boards of directors of the respective associations, will take the place of both of the pooling contracts formerly used.

After such approval, it is provided under the agreement that an organization committee be created to consist of representatives of the two marketing associations and "others who may be helpful in uniting the agricultural forces of Kansas behind a great statewide marketing program for wheat."

Upon formation of this committee, it is agreed, the organization work of both present associations shall cease "and the full resources of each organization shall be used by the new organization committee and its work."

The agreement provides that the new pooling contract shall contain a clause making it not operative unless an amount of wheat equal to 40 per cent of the five year annual average production of Kansas shall have been signed by June 1, 1924. This would amount to nearly 50 million bushels.

Those appointed on the committee to draft the new pooling contract are: W. C. Lansdon, of Salina, representing the Kansas Farmers' Union Marketing Association; William J. Brown, of Thief River Falls, Minn., representing the American Wheat Growers' Association, and B. E. Corporan, of Wichita representing the Kansas Wheat Growers' Association.

The National Wheat Advisory committee is also to appoint a member. The amalgamation agreement was signed for the Kansas Wheat Growers by C. E. Cox, president, G. O. Keller, C. J. Cox and W. F. McMichael, all of Wichita. Signers for the Kansas Farmers' Union Wheat Marketing Association were John Tromble, of Salina, president; H. B. Witham, of Beloit; S. C. Towne, of Osborne, and John Vesesky, of Timken.

An important meeting of the joint committee of the Kansas Wheat Growers' Association and the Farmers' Union is being held in Topeka this week at which plans are being formulated for the future work of these associations along pooling lines in Kansas, and full details of the action of the meeting will be given in the Kansas Farmer and Mail and Breeze next week.

#### Horticultural Society's Convention

The 57th annual meeting of the Kansas Horticultural Society was held in Topeka last week and a program of unusual excellence was given. Among the speakers and the subjects discussed might be mentioned the following. Annual address by James Sharp of Council Grove, president of the society; Culture and Marketing of Raspberries by W. E. Koehring of Lawrence; Growing of Cherries by C. E. Rice of Wichita, and W. K. Stock of Topeka; Fermentation and Granulation of Honey by J. A. Munor, assistant apiarist in the Kansas State Agricultural College; Winter Care of Bees by O. A. Keene of Topeka; Profits Made for Me by Birds by Mrs. Bessie

P. Reed of Lawrence, who was formerly a member of the staff of the biological department of the Kansas State University.

#### Horticulturists Meet at Kansas City

Orchard men from Iowa, Nebraska, Kansas, Arkansas, Oklahoma and Missouri will gather in Kansas City, December 18 and 19, to attend the first Southwest Horticultural Conference and Exposition. At that time steps will be taken to perfect an organization which will insure the continuance of this exposition alternating with the Mid-West Exposition held at Des Moines, Ia., every even numbered year.

The committee on organization includes T. J. Talbert, Professor of Horticulture, University of Missouri, chairman; George W. Catts, agricultural commissioner of the Chamber of Commerce of Kansas City, secretary; O. F. Whitney of the Kansas State Horticultural Society, Topeka, Kan.; R. S. Herrick, secretary of the Iowa State Horticultural Society, Des Moines, Ia.; Earl D. Markwell, horticulturist, Oklahoma A. & M. College; R. F. Howard, horticulturist, University of Nebraska, and D. E. Eicher, horticultural agent, Frisco Railway, Springdale, Ark.

One thousand dollars in cash prizes will be offered for the best exhibits of apples and potatoes. Exhibits of apples will consist of barrel, barrel pack, basket, basket pack, trays and plates. A complete premium list can be secured by writing Professor T. J. Talbert, Columbia, Mo.

#### Farmer-Manufacturer Convention

A national convention of farmers and manufacturers will be held Monday and Tuesday, January 14-15 at the Congress Hotel, Chicago, under the auspices of the Illinois Manufacturers' Association.

Farming and manufacturing are the two greatest industries in America. The prosperity of the country is dependent upon their welfare and their co-operation.

Farmers and manufacturers have much in common. Both are producers. Both are managers and employers. Both are property owners.

With these thoughts in mind the convention has been called after several committee meetings in which leading farmers and manufacturers have been in heartiest accord.

Subjects and problems of vital interest to farmers and manufacturers will be discussed by speakers of national prominence.

#### Farm Bureau Federation Meets

An important meeting of the American Farm Bureau Federation was held in Chicago on December 10, 11 and 12 at the Sherman Hotel. Some of the speakers and the subjects they discussed are as follows: Agricultural Research by H. W. Moorhouse; What We Found in Europe by Gray Silver; Basic Agricultural Economics by Prof. Benjamin H. Hibbard; The Rural Homes Across the Water by Mrs. Izetta Brown; Relation of Business to Agriculture by Julius H. Barnes; The Federal Reserve Board and Its Operations by E. H. Cunningham, and Meriton L. Corey.

A good attendance was present and an interesting program of work was marked out for the coming year. A full report of the meeting will be given in our next issue.

## College Creamery Short Course

BY J. H. FRANDSEN

AN EIGHT weeks' Creamery Short Course will be offered at the Kansas State Agricultural College at Manhattan, starting January 7, 1924. This course is offered annually by the dairy department of the college in order to train those interested in the most efficient and latest methods in the manufacture of butter and ice cream and in the handling of market milk.

The dairy department has recently moved into their new building, and the modern equipment and added facilities now available will make the course of much greater value than previously. For further information address: The Dairy Department, Kansas State Agricultural College, Manhattan, Kan.



# KANSAS FARMER and MAIL & BREEZE

December 15, 1923

By *Arthur Capper*

Vol. 61 No. 50

## Trued Reduces Farming Costs

*Quantity Production by Use of Power Implements and Low Priced Land Enable Greeley County Farmer to Make Good Profits Despite Hard Times*

By M. N. Beeler

**W**ESTERN KANSAS offers greater possibilities for farm profits than the regions of higher priced land to the eastward. That is L. E. Trued's opinion and it is backed by figures and experience. Trued is comparatively a newcomer in Greeley county and his operations there extend over only three years, but he has done about 10 years of thinking since he left Saunders county, Nebraska.

"We have made 100 per cent more money here in the same years than we made back home," said Trued. The land there is worth \$300 an acre, or at least it sells for that. Here land can be bought for \$22 to \$25 an acre. The crop yields may not be so big here and failures may be more frequent, but at that we can make bigger acre returns than we can in Nebraska.

### Big Operations Reduce Costs

"In the first place we do not have to earn so much on an acre to pay fixed charges. The rent or interest on \$300 land takes a big part of the crop. Not so much of the gross returns are required to pay interest on \$25 land. In this country we can reduce production costs by big-scale operations. Power farming machinery lowers our production costs to the minimum. I have estimated that 10 bushels of wheat to the acre on this cheap land will pay better returns than the 25 or 30 bushels that we raise back home."

Trued is operating about 5,000 acres of which 800 belong to him and his brothers, 2,450 acres are under lease and the rest cultivated for other owners. Last season they grew 125 acres of milo and 160 acres of broomcorn. For other farmers they cultivated 300 acres of cane and 160 acres of milo. In addition they do custom harvesting and threshing.

"We will put more land in kafir, milo, cane and broomcorn," continued Trued, "because wheat growing is too



Combines Belonging to Trued Brothers, Part of the Equipment Which Cut and Threshed 80 Acres of Wheat in 2 1/2 Hours Last Harvest

risky. It is best to plant wheat when the soil is first broken, but the man who continues to grow wheat exclusively is inviting failure. Anybody who comes here and expects to make a living growing wheat will go bankrupt. He must produce some feed crops and keep livestock. He should grow some other grains as cash crops.

"Farmers here are as sure of a fodder crop as those back East are of

corn. We rarely fail to grow feed and men who have spent many years in this country and have followed the right methods report very few crop failures. Altho my experience in this country is limited, I have a great deal of faith in the future of farming in Greeley county."

When Trued went to Greeley county he began farming with one 15-25 tractor and a three-bottom plow. Now he

and his brothers who are in partnership with him own two 20-35 tractors and three which have a rating of 15-25. They have four combines for harvesting and threshing wheat and enough disks and drills, as Trued said, "to cover an acre of land." They have about \$18,000 worth of machinery. The farming profits have been spent in buying new land and additional equipment.

Four of the five Trued boys were in service during the war. When they were discharged they were afflicted with wanderlust, discontent or whatever form of dissatisfaction a fellow who has been in the Army is supposed to have. At any rate they did not care to settle on the old home farm near Ceresco, Neb. Three of them eventually entered Denver University and two undertook farming in Greeley county.

### Market Grain Thru Hogs

Trued now plans to build up a herd of 300 hogs to consume some of the grain produced. These will be marketed as fat hogs in seasons when the grain crops will supply sufficient feed or they will be sold as stockers when grain crops fail. Sudan grass and cane may be grown for pasture and such grain sorghums as milo, kafir, Freed's sorgo and feterita can be grown for fattening them. In favorable seasons corn also makes a profitable crop.

Trued suggests that the settler who buys 160 acres of raw land in that county break it and sow wheat the first year. Sod wheat usually makes a good crop and that is the safest, easiest and best way to get the land into cultivation. After that he suggests that not more than half the farm be devoted to wheat. The rest should be planted to row crops to supply feed for a few cows, some chickens and several brood sows. The grain sorghums not consumed by the stock find ready sale to local stockmen or to the elevator.

## New Method of Preserving Eggs

**A** NEW machine for treating eggs with a preservative solution quickly and efficiently has recently been developed by a San Francisco firm. The machine is simple in construction and is easy to operate. The eggs are placed in a basket, which is then drawn into a tank filled with a vegetable oil maintained at a temperature of approximately 200 degrees Fahrenheit. The tank is 36 inches long by 24 inches wide. The eggs are entirely immersed in the oil for a period of about 30 seconds and are then removed and drained. The cooling of the oil fills up the pores in the shells, which prevents air from getting into the eggs and making them spoil.

The oil in the tank is heated by eight 500 watt, 24 inch Westinghouse space heaters with an automatic temperature control consisting of a thermostat and a motor operated snap switch.

## An Orchard of 300 Acres

By Raymond H. Gilkeson

**C**ARING for 16,000 apple trees on 300 acres is the job Francis Kincaid manages on the Hunt Brothers orchards, near Wathena in Doniphan county. Seven thousand trees produced a crop of 10,000 barrels of apples this year, of which 90 per cent is commercial fruit.

There is no great danger of these orchards failing because each tree receives special care, and at present about 9,000 trees, ranging from one year whips upwards which will come into bearing gradually within the next few years, stand proof against any reduction in size of crop.

Kincaid has managed the Hunt orchards for 13 years. He keeps a permanent force of 10 hands, for which tenant houses are provided, and at picking time a great deal of extra help is hired. Handling 10,000 barrels of apples between July 1, when the picking season opens, and the closing date of November 1, is a major undertaking.

### How the Apples Were Handled

All apples this year were handled thru the new packing shed, the commercial apples being hand graded into two grades, packed into boxes, barrels and baskets and shipped to St. Joseph, Mo., to be put in cold storage and sold by the Hunt firm. All poor grades and culls were sold in bulk right at the packing plant.

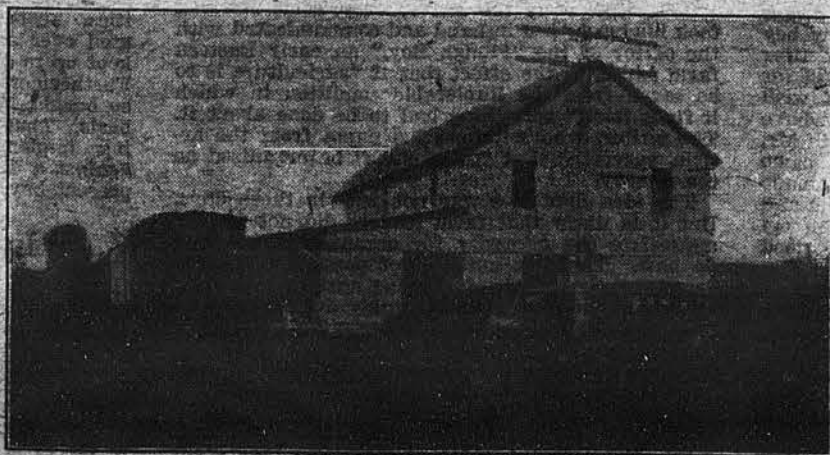
The Hunt orchards have grown to such proportions that it was necessary to build a packing shed last year. It is 50 by 60 feet, and the entire first floor is occupied by graders, packers and shippers. A second story, 30 by 60 feet, provides ample room for storing surplus boxes, barrels and crates; allows space for a work room and for late picking. They include Yellow

Transparent, Duchess, Wealthy, Maiden Blush, Wolf River, Jonathan, Ben Davis, Gano, Black Twig, Winesaps, Arkansas Black, Missouri Pippin, and Delicious. Before the buds start in the spring Kincaid applies the dormant spray of lime-sulfur. This is followed during the growing season with five other sprays, which keep the insects and pests injurious to apples so well under control that very little damage is done.

All new trees are pruned well back at planting, and thereafter the modified leader system is used. In some of the old orchards the open head pruning was used, but now Kincaid believes the modified leader will make the best tree. The old orchards are allowed to sod down, and about every three years the sod receives a good covering of manure. Next spring Kincaid is going to use nitrate of soda as he believes it has superior fertilizing qualities.

### Open Cultivation for New Stuff

New orchard land always receives a combination of open cultivation and filler crops. Potatoes and corn bring good money that helps to pay expenses before the trees can pay their own way. The only cultivation Kincaid gives the old orchards is an occasional plowing of the sod, but this never disturbs the soil enough to cause washing.



Apple House Built Last Year by Hunt Brothers Centralizes the Work of Grading, Packing and Shipping, Thus Saving Much Time and Labor



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 Livestock Editor.....T. W. Morse  
 Farm Doings.....Harley Hatch  
 Dairying.....J. H. Frandsen  
 Medical Department.....Dr. C. H. Lerriso  
 Poultry.....I. B. Reed  
 Farm Engineering.....Frank A. Meckel  
 Colorado Farm News.....E. J. Leonard

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 Congress of March 3, 1879.

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 Changes in advertisements or orders to discontinue  
 advertisements must reach us not later than 10 days  
 in advance of the date of publication. An advertise-  
 ment cannot be stopped or changed after it is inserted  
 in a page and the page has been electrotyped. New  
 advertisements can be accepted up to and including  
 Saturday preceding issue.

# KANSAS FARMER

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

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 Farm Home News.....Mrs. Dora L. Thompson  
 Horticulture.....John W. Wilkinson  
 Young Folks' Page.....Kathleen Hogan  
 Capper Pig Club.....Raymond H. Gilkeson  
 Capper Poultry Club.....Rachel Ann Nelswender

No medical advertising accepted. By medical ad-  
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 ternal human use.

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

## Passing Comment—By T. A. McNeal

**W**ITHOUT taking anyone into his confi-  
 dence or giving anyone of the editorial  
 staff the slightest hint as to his movements,  
 or intentions, and absolutely without any  
 provocation whatever, our worthy editor suddenly  
 left town last week between two suns and nobody has  
 heard a thing from him since he left. However,  
 a friend of his has informed us that Tom was  
 seen buying a ticket for the East and that he  
 ultimately would land in New York City.

This week no doubt he is seeing the "sights of  
 New York" and having a good time all by him-  
 self. However, no member of the editorial staff  
 begrudges him this trip and all wish him an en-  
 joyable time. Tom hasn't had a real vacation for  
 nigh on to 40 years and we have no quarrel to  
 pick with him for cutting loose so suddenly and  
 burning all the bridges behind him. Our only re-  
 gret is that he has been so busy seeing the "sights  
 of New York" that he forgot to send us any copy  
 for his "Passing Comment" and we have had to  
 fill his page with material contributed by other  
 members of the editorial staff. It may not be as  
 interesting as Tom's "Passing Comment," but it  
 is the best that we have in the shop. Our only  
 regret is that we have to trespass on his page and  
 space, but we are sure that he will forgive us  
 when he learns that it was an emergency measure.

We know that when Mr. McNeal returns he will  
 bring back a carload of good stories about the  
 East and the many interesting things he discov-  
 ered there that will be read eagerly by all of his  
 friends. No doubt he will discover some things  
 about the high cost of living that he never thought  
 of until he landed in New York. However, we  
 believe that he was safe so far as pickpocket  
 thieves are concerned, because Tom, before leaving  
 Topeka, had all of his pockets in which he carried  
 any money sewed up tight so that it would be  
 about as difficult to extract a coin from one of  
 them as it would be for a camel to go thru the  
 eye of a needle. In fact we know that Tom is  
 safe and that he won't have to ride the rods on  
 a freight train to get back to Topeka.

### Two Happy Mothers

BY CON VAN NATTA

**G**IMME a hundred words for the editorial page  
 of the Mail and Breeze next week," said the  
 M. E. of the Capper Farm Press. "Any sub-  
 ject you want."

Fine, I'll give him a hundred words—and then  
 some—but I am not writing all of them myself.  
 They were written by two mothers—mothers of  
 little crippled boys, who were unable, thru no  
 fault of their own, to give them the help they  
 needed but who are being brought to practical  
 normalcy by the Capper Fund for Crippled Chil-  
 dren and those good friends who with their money  
 have helped us to make it possible and keep it  
 going.

Walter had never walked. He was brought to  
 us early in the spring on his father's back. After  
 five months at a great hospital we sent him home  
 to arrive "Mothers Day." The mother will finish  
 my hundred words. Mrs. K., of Wyoming  
 wrote: "My dear Friend—Words are poor things  
 to convey to you how I felt when I saw my boy  
 coming. It is so wonderful to see him walk after  
 these long years. I feel so glad and thankful for  
 the great blessing that has come to us. I wish  
 every mother who has a crippled child could have  
 the joy and happiness I have had this day. Mr.  
 Capper and you are wonderful. My boy came  
 home with great love for you. Life has been made  
 very beautiful and a very happy thing for him and  
 all of us. A great load has been lifted from my  
 heart and I feel that God has been very good  
 to us."

The other letter is from an Oklahoma mother.  
 Her little boy had been on the operating table  
 many times and it was only after strenuous ob-  
 jection he allowed the surgeons to examine him.  
 Charles had lost one eye in an accident when a  
 baby and thru operations he had no toes on his  
 left foot and his heel was drawn up so he had no  
 use of his foot and could only walk with the aid  
 of a crutch. Charles' daddy was dead but mother  
 was brave—mothers of crippled children are the  
 bravest mothers I ever saw. A friend brought  
 the boy to the hospital and a miracle was per-

formed. A few days before Thanksgiving we  
 wired—"Dear Mrs. D., El Reno, Okla., I am  
 sending your boy home to you today. I hope you  
 will have the happiest Thanksgiving you ever had  
 in all your life." And then she wrote: "It would  
 be impossible for me to make you understand just  
 how I felt when I met Charles this morning. I  
 could hardly believe it was my boy and that he  
 could walk as he does. He has enjoyed himself  
 today by going around to see the friends who have  
 known him all his life, and I think it will take

### The Capper Platform

**J**UST one kind of law for rich and poor.  
 Substantially lower freight rates im-  
 mediately.

Development of Great Lakes waterways  
 project at earliest moment.

Justice for all of our soldiers of all wars.  
 Laws to prevent price-gouging and profit-  
 eering.

Abolishing gambling in wheat, cotton, corn  
 and all farm products.

Putting the Wall Street bucket shop and  
 stock-jobbing crook out of business.

Practical and business-like co-operative  
 marketing of farm products.

Credit facilities for agriculture equal to  
 credit facilities of other lines of business.

Higher prices for farm products; or lower  
 prices for the things farmers must buy.

More attention to diversified farming as  
 a means of enabling farmers to solve their  
 problems.

Putting burden of taxation on shoulders of  
 those better able to bear it by abolishing the  
 tax-exempt-bond privilege.

Lower taxes by eliminating waste, extrava-  
 gance, graft, incompetence and all partisan  
 favoritism from the public service.

Honest enforcement of prohibition as a  
 means of making prohibition worldwide, thru  
 proof of its benefits here.

A square deal for all, and special privileges  
 to none.

him the rest of this week to make his calls. Every  
 one remarks how wonderful it is that he does not  
 use that crutch any more. He sold that old  
 crutch for \$2.00. He will start to school Monday.  
 I assure you that I am proud of my child as I  
 can be and am very grateful for what has been  
 done for me and mine."

And such is the work of the Capper Fund for  
 Crippled Children.

### Cost of Saving Agriculture

BY M. N. BEELER

**T**HIS campaign for saving agriculture was  
 begun several generations ago. Back in the  
 "Twenties" of the last century, some alarmist  
 took his trusty pen in hand and communicated with  
 the editor of the "Plough Boy," an early Eastern  
 farm paper; to the effect that if "agriculture is to  
 be saved from the intolerable condition in which  
 it finds itself" something had to be done about it.  
 The writer, who withheld his name from the ar-  
 ticle, suggested that "farm clubs" be organized as  
 the remedy.

The idea doubtless was not new in those days.  
 But it is likely that farm leaders did not feel or  
 appreciate the necessity for organization as they  
 do now. The vast numbers of persons who have  
 devoted their energies to solving agricultural prob-  
 lems have increased immeasurably during each de-  
 cade since then. It would be interesting to compute  
 the time and money, if that were possible, that  
 have been spent in the cause of organization. Think  
 of the thousands of men who have traveled miles  
 and miles in attending conferences, pleading with  
 their neighbors and quarreling with other inter-  
 ests! Consider the value of that time they spent  
 if it had been employed at any occupation you  
 might mention. In recent years many men active  
 in the world affairs, in business, men of high sal-

aries, of large money earning capacity, have de-  
 voted precious time to the cause of organized agri-  
 culture. Conceive, if you can, the money spent in  
 railroad fares, automobile travel, hotel bills, per-  
 sonal expenses, printing, postage, writing articles,  
 the cost to periodicals, newspapers and the farm  
 press, in holding hearings and investigations.  
 Farmers themselves have contributed no small  
 share of this money, and individuals have made  
 material sacrifices in an effort to bring about a  
 better system of marketing and more efficient pro-  
 duction.

There is no way of arriving at the cost thus far  
 of saving agriculture, yet it must be great and were  
 the money all available in a lump sum, it would  
 be sufficient to carry on the commodity marketing  
 activities of every group of producers in this  
 country.

And has the money or the time been spent in  
 vain? In view of the great progress that has been  
 made in farm organization during the last ten  
 years, in view of the talent that has been attracted  
 to the cause, who has the judicious courage to  
 answer "Yes?"

### Implement Shortage May Come

BY FRANK A. MECKEL

**T**HE latest Government reports on the agricul-  
 tural implement industry bring out some de-  
 cidedly important points in the way of falling  
 off in production of most of the common farm ma-  
 chines. The list of implements from which the gen-  
 eral averages have been compiled include sulky  
 plows, tractor plows, walking plows, binders, head-  
 ers, threshers, corn planters, cotton planters, wheel  
 cultivators, mowers, hay loaders, sulky rakes and  
 husker-shredders.

Based on the 1920 production of all these imple-  
 ments the 1921 production is only 56 per cent of  
 the preceding year. The 1922 production is only  
 69 per cent of the 1921 production, and it is only  
 35 per cent of the 1920 production, which shows  
 very clearly how manufacture of farm machinery  
 has fallen off.

The cause of the falling off has evidently been  
 due to the failure on the part of users of farm ma-  
 chinery to buy new implements during the last two  
 years. In many instances this was due to actual  
 inability to buy, and in other cases it was a matter  
 of disinclination. However, the pendulum has  
 swung one way about as far as it will swing and  
 keep moving at all. One of these days it will  
 swing back and there will be a pronounced demand  
 for machinery. The old implements cannot go on  
 forever. They must be replaced, and when that  
 time comes there may be a serious shortage of im-  
 plements in stock to supply the demand.

Manufacturers have been reducing their stocks  
 in branch houses as well as cutting down on pro-  
 duction, and it is not likely that they will increase  
 their stocks or production until the demand begins  
 to make itself felt. It might therefore be a wise  
 plan to buy any required farm machinery several  
 months before the time when it is actually to be  
 put into service. The purchase of one implement a  
 year is being followed in some farming communi-  
 ties. In this way the load is more evenly distrib-  
 uted over a period of time and the machinery is  
 kept up to date in good working order at all times.  
 Furthermore, machinery purchased at this time can  
 be bought in many instances on a price guarantee  
 basis. That is, a number of manufacturers are sell-  
 ing implements and guaranteeing the buyers  
 against a drop in price. Should a drop occur, the  
 present buyers will be protected.

### Lyin' Sam Has His Say

BY CHARLES SWEET

**W**ELL, this here corn crop in Western Kansas  
 kinda put a crimp in your yarns of that arid  
 region," remarked Lyin' Sam Jones to his  
 old friend Truthful James. "But that's the way it  
 goes; somethin' always turnin' up to tarnish a  
 man's reputation for veracity. I mind that along  
 in the early Eighties, guess maybe 'twas about '82,  
 that I was prospectin' out around Death Valley, and  
 I took a notion to go in and see what was there.  
 "Well, I loaded up my two jacks with a little



grub and a lot of water and in we went. The first day I was inclined to sneer a little at the fellers that said that valley was a little piece of hell that got lost, but about the second day them jacks was hanging out their tongues like dogs that's been chasin' a jack rabbit on a hot day. I wasn't none too comfortable myself and my boots was spurtin' steam like a leaky boiler.

"The third day my steam was all gone and every little while I had to stop and lay down flat o' my back and stick my feet up in the air to let my feet cool down. Darned near blistered my back all over, too. And then those blamed shaggy jacks kept me hoppin'. The long hair on the backs o' their front legs kept ketchin' fire, and fore the day was over their legs and bellies made those jacks look like they was part Mexican hairless dog.

"Well, the fourth day I shot one of the critters to put him out of his misery, and also to cut down on the consumption of our water supply, which was growin' mighty limited. I'd give up all hope of locatin' pay dirt, cause there wasn't nothin' but sand, and was bendin' all my energies toward gettin' out of that region. I done lost count of the days and was seelin' seashores an' pretty bubblin' springs and the like and tryin' my darndest to keep my tongue in my mouth, when all at once I came to and found some real earth under my feet and a ways further I hit a little stream.

"Well, after I had sort of eased my parched mouth an' cooled down my head till it wasn't more than 110 in the shade, I started to yank that fool jack down to drink, and do you know, there wasn't nothin' but a piece of rope there that I'd been draggin' for I don't know how many miles. Just plumb burned in two and like as not that jack burned up with it.

"About the time I was cogitatin' on the loss o' my grub I heard a cheery whistle and here came a feller in a wagon headin' straight for that desert. After he had give me a little grub I plead and argified with that fool for an hour, but he wouldn't turn back so finally I let him go on and headed myself for God's country.

"Well, sir, a couple of years later I got the fever again to take a shot at that Death Valley region. I didn't calculate exactly to cross it this time, but when I got there I got to thinkin' about that poor cuss that had done me a good turn, and seelin' that I had a couple good big mules this time and could tote a lot of water, I decided to go in and maybe find his bones and give 'em a decent burial before veerlin' off south.

"It seemed just as hot as ever an' about the end of the second day, I thought it had got me, for sure as I'm sittin' here, I saw a house and about 10 acres of the finest corn you ever laid eyes on. Howsomever, I hoofed along and when I got up near it, the darned thing stayed put. The house was kind of a 'dobe affair, only 'bout 4 feet above ground at its highest point, and just as I was speculatin' on who might live there, out came this blamed fool whose bones I was huntin'. We went in and it was right cool and refreshin'. The floor was sand and sort of damp.

"Well, sir, it seems that this gent got out there and his water barrel had sprung a leak and he was plumb up against it, so he stopped and started to dig. And 3 feet down he hit all kinds of water, so he just squatted and built him the house we was sittin' in. He had water just a foot under the floor and the coolness was explained by the water creepin' up and evaporatin' all the time. He was sort of a scientific feller and he calculated that

little 10-foot room evaporated 10 barrels of water every day.

"He planted his corn by takin' a crowbar and stickin' it down in the sand about 2½ feet and droppin' in his corn. He had corn 10 feet high an' makin' 120 bushels to the acre easy. Soon as one crop was off, he planted another and got three crops a year 'cause it was hot all the time. Come to find out that 'dobe house was made outa big ears of corn cemented with a load of clay he hauled in. Yes, sir, and he was makin' good money too, 'cause when he found out that it was only 3 feet to water he hauled out that corn easy without havin' to carry any water barrel along, and sold it to a bunch of farmers that was tryin' to make crops on the poor land just outside the Valley.

"Yes, sir, it's just plumb ridiculous the way things will turn up to tarnish a man's reputation for truth."

### Farmers' Service Corner

**R**EADERS of Kansas Farmer and Mail and Breeze are invited to ask questions on legal problems or on any other matter on which they desire information. This service is free. The tremendous demand for this service makes it impossible for us to print all of the answers, but every inquiry will be answered by mail.

#### Changing Location of Roadway

There is a road on my farm which was vacated and another road taken off the best land on the place. The county commissioners had the line surveyed and advertised which advertisement was not correct and built the road on the other line without advertising again. Is that a legal road in Kansas? Did the county surveyor have any right to change the lines on the books at the courthouse and make them different from the advertisement? C. A. M.

Proper notice as required by statute must be given to all of the landowners who were affected by the laying out of this road and if such notice is not given the proceedings would be either void or at least voidable.

#### Final Settlement of Bankruptcy Case

Suppose I take advantage of the bankrupt law and do not turn in the names of all the parties I owe. Can they come back at me? M. C. B.

Yes. They can demand that the statement of assets and liabilities be corrected according to the facts.

#### Contracts With Minors Void

A boy of 15 signs a contract to pay \$5 a month to a correspondence school. He made two payments then returned the books they had sent. They are now threatening to start a lawsuit if he doesn't pay within two weeks. Can he be compelled to pay? His parents did not sign this contract. B. S.

He was not legally competent to make the contract and cannot be compelled to pay the other installments.

#### Settlement of an Estate

A and B are husband and wife. B dies leaving no heirs. A marries again. At the death of B's parents B would fall heir to property. Would A be entitled to any of this inheritance? S. E. N.

No, he would not be entitled to any of it.

#### Marrying Under Age

1—Is there any state where a girl of 17 years old can be married without her parents' consent? If so where? 2—Can such marriage be annulled? A. B. C.

1—Girls are permitted to marry without their

parents' consent when 12 years old in Tennessee, and when 16 years old in Maryland and New Hampshire.

2—Of course, if the marriage is valid it could not be annulled and our court has held that even where persons marry under the age provided by statute if the marriage has been duly performed it cannot be annulled for that reason.

#### Violation of Prohibition Law

1—Is a druggist permitted to sell beef, iron and wine for drinking purposes? What can one do about it if he is not allowed to sell it? 2—A left a will and willed a farm to his second wife until her death then the farm goes to his children. Can she refuse to pay the taxes?—Reader.

1—A druggist has no right to sell beef, iron and wine for drinking purposes. If he does and it can be shown that it has alcohol in it undoubtedly he can be prosecuted under the prohibitory law.

2—If this wife refuses to pay taxes on the land the county will sell it for taxes and she will lose her title to it.

### Where's That Surplus?

BY MRS. IDA MIGLIARIO

**W**HAT about the surplus? "If it's a surplus of fruits, vegetables or meats we've learned to can it and put it on our shelves; if it's sugar and flour sacks we've found out how to make children's clothes, bed spreads, table cloths, aprons and housedresses of them; if it's scraps of silk, satin or velvet we've learned to fashion a hat; if it's weeds and grasses we know how to tint and dye them to supply the color formerly furnished by the little red geranium; if it's bottles we wax them for vases," answer today's housewives.

But many times when the household's immediate demands are fulfilled and there is sufficient amount over and above that set aside for a rainy day the sugar sacks, scraps of material, weeds and bottles are still accumulating. What of them?

Perhaps your neighbor who lives several hundred miles away on our Kansas prairies finds her fruit shelves lacking in those strawberry preserves of which you have too many; perchance in a neighboring county that greedy worm devoured those crisp cabbage heads and many families longing for a taste of homemade "sauer kraut." There may be a tired mother with several girls to sew for who would like to see the little ones wearing the day's latest mode of unbleached domestic frocks with splashes of color in applique but she has no time for needlework or cannot sew; another home may be bare of the prettily tinted weeds and grasses while yours has all it needs.

Thru the medium of a farm woman's exchange well located with reference to transportation, the surplus could be turned into cash and many a much felt want fulfilled. Where such a step has been undertaken in neighboring states it has gone over with great success. Town women also have taken advantage of obtaining good homemade products. The possibilities in the food line are almost unlimited: cottage cheese, chickens, geese, hominy, turkeys, jams, jellies, relishes, canned rabbit, squirrel, cakes, cookies and eggs are good sellers, but the artist with the needle or the brush can realize just as readily, for numerous are the persons who have the gift of appreciation but not execution.

Topeka is now laying plans for furthering the idea of making this surplus "surplus" yield an income and we believe it is a good move.

## Uncle Sam As Bill Collector

**T**HE only countries that now owe Uncle Sam upwards of a billion dollars unfunded are France and Italy. Their combined debt to this country is a little under 6,000 million dollars.

#### France Owes Largest Amount

The total debt of the European allies to the United States at this time amounts to \$11,328,068,747. An additional 1,500 million dollars of interest overdue on these debts, makes the grand total nearly 13,000 million dollars. This is about \$116 for every man, woman and child in the United States. In continental Europe, France leads our debtors with a trifle under 4,000 million dollars.

The debt of the United States, if these obligations were met, would be reduced more than a third. But the prospects of their being met are about equivalent to the chance that the railroads will reduce the export rate on wheat, or that they will admit they are making money.

Meanwhile, square-toed old John Bull—in his tight little island actually worse off than France—every payment day is meeting his notes given to Uncle Sam. That's the difference in folks as well as between nations.

#### Foreign Debts Must Be Paid

The plea of the bankers assembled at Atlantic City that the United States should throw the debt owed by foreign nations in this country into the European economic hopper, in the interests of a reparation settlement and the restoration of peace generally, has fallen on deaf ears at Washington, as it should. To follow that course would postpone the very settlement sought. Europe is not going to settle down and settle up until there is nothing else that Europe can do. The more cash we throw into the hopper now, the longer

the wrangling and jangling will continue.

Our big international bankers who all along have insisted we should "forgive" Europe the billions the American people lent the allies in their time of need when no one else would advance them a "sou markee," go right along collecting the interest in advance on their own foreign loans and every cent of the principal due—that's quite different, you see. These pawnbroker gentlemen can't afford to show Europe any mercy. Besides it's unprofessional.

Our Government's debt-funding commission will not insist on an arrangement with France or Italy for paying their war debt to us, as long as there is a prospect of France and Germany coming to terms on reparations.

#### England's Situation Critical

I have said John Bull on his island is worse off than France.

Their situation is something like this: John Bull cannot raise enough to feed himself. France can and will. France is gaining gold at the rate of 400 million dollars to 500 million dollars a year. The French are the world's thriftiest folk. Hundreds of French families have worked the same farms for more than 300 years. The French government has found one family which has tilled the same farm since A. D. 727, the time of Charlemagne. You can't impoverish people like that.

When spoken to about the American war debt, France replies that Premier Poincare has in many speeches acknowledged that France owed it, but that the French government has hesitated to take action because its bankers and certain American financial groups have declared America did not wish the debt funded now for political as well as fiscal reasons.

No show to block the bonus then, for one reason.

Be that as it may, an official of the French foreign office, too bashful to be quoted by name, takes the ground that—

The funds and credits advanced by the United States were expended in a common war, for common ideals, for a common victory by the allied and associated powers. Not a cent of the money advanced to France left America—it was all expended in the United States, keeping American factories working overtime producing material toward a common victory.

That reads like an alibi, but it isn't.

#### America Saved the Day

There is no thought in his statement that if these factories had not worked overtime for France and if American troops in hundreds of thousands had not begun swarming across the Atlantic in the spring of 1918, that France would have surrendered and by this time been a German province. And then, where would England be and the rest of Europe? Not much of a conjecture there.

Fellow citizens this is bald, historical fact, but the French statesman still in full possession of his rather thick hide and his safety now well assured, takes no account that France was not swallowed up because American patriotism wouldn't let it be.

#### French Will Do Right Yet

Yet, don't be too hard on the French, the people are not like this political diplomat. France will pay some day, if our bankers are not too forgiving. Her people are workers and thrifty even if they do talk with their hands a great deal.

Washington, D. C.



# News of the World in Pictures

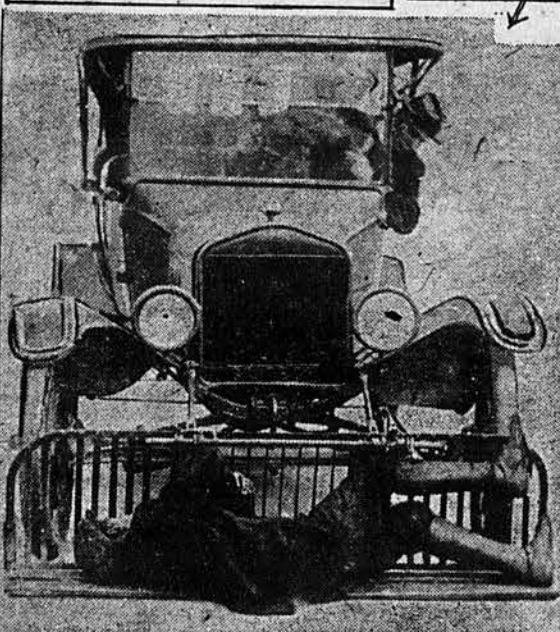


Senator James Watson of Indiana Who May Seek the Republican Nomination for President



The Rural High School of Wakefield, Kan., Took First Prize on This Exhibit in the Boys' and Girls' Club Contest at the Recent American Royal Show

New Automatic Auto Safety Fender Recently Perfected and Patented by J. F. E. Rose of Atlanta, Ga.



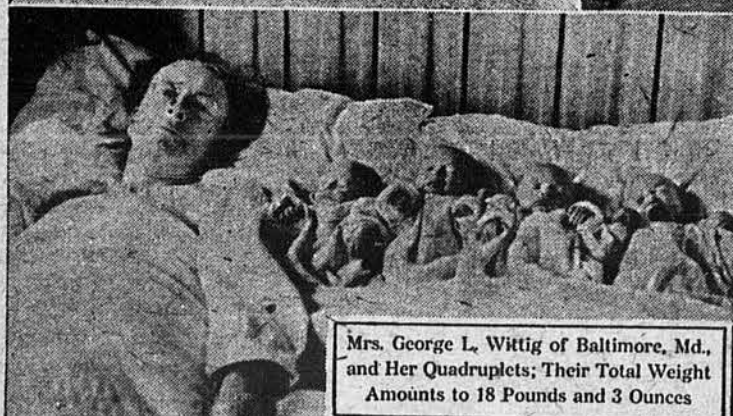
Miss Nina Doh of New York Chosen As One of 88 Amateurs in Beauty Contest



Senator Borah Presents Miss Mary Hag-enbarth of Spencer, Idaho to President Coolidge As Idaho's Favorite Daughter



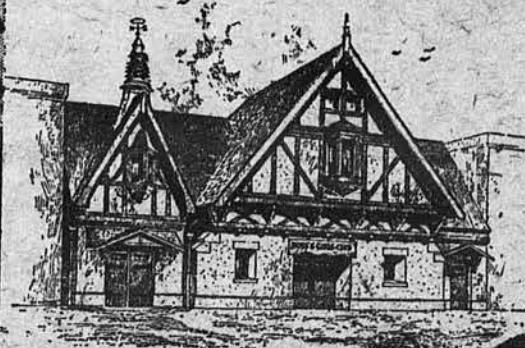
This Attractive White Collie, at the Right, Fills Last Remaining Place in President Coolidge's Kennels



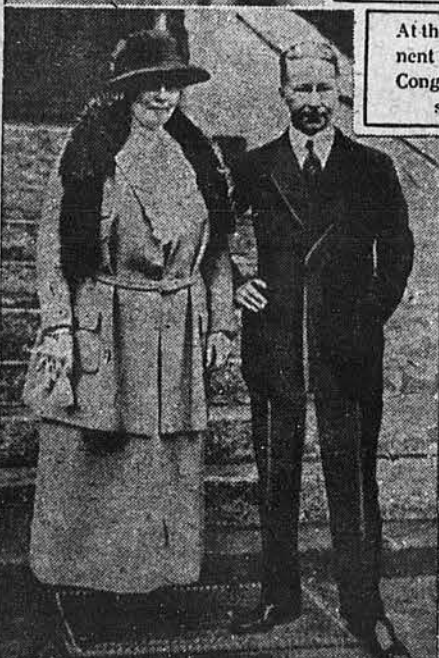
Mrs. George L. Wittig of Baltimore, Md., and Her Quadruplets; Their Total Weight Amounts to 18 Pounds and 3 Ounces

Miss Norma Niblock, Paintless Canadian Girl, Wins in American Beauty Contest Over 87 Girls; Rudolf Valentino Presents Cup

Senator Henrik Shipstead, Farmer-Labor Senator From Minnesota, Who Has Politicians Guessing As to His Movements



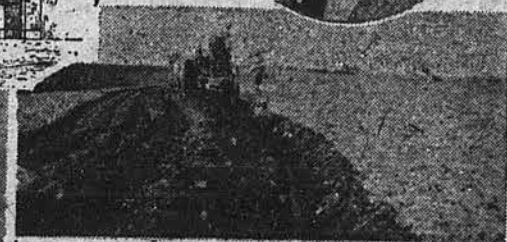
At the Right is Shown the New Permanent Home of the Boys' and Girls' Club Congress at the International Live-stock Exposition in Chicago



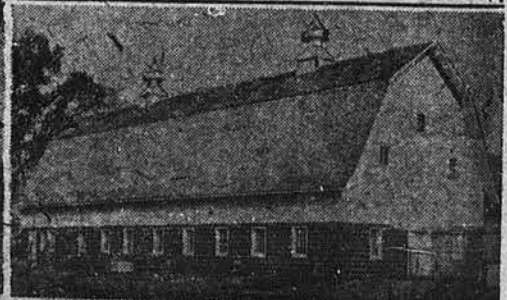
Ex-Crown Prince Friedrich Wilhelm Hohenzollern and His Wife As They Appeared Recently at the Castle of Oels in Germany



Mrs. Arthur Lynch, Wife of the Editor of "Radio Broadcast" and Friends Dance at Garden City, New York, to Band Music in London Carried by Radio



This Missouri Farmer is Conserving Soil by Constructing Manguth Terraces Across the Slope of a Hillside to Prevent Land Waste From Washing



A Good Dairy Barn on the Farm of George Appleman at Mulvane, Kan.; It is 36 by 82 Feet and is Fully Equipped With Every Convenience



# Capper Clubs Welcome You

## Boys and Girls Who Like Money of Their Own Should Enroll for Work and Pleasure in 1924

BY THE CLUB MANAGERS

FOR the last eight years boys and girls in Kansas have been glad to see December come for more reasons than because it brings Christmas, frosted fingers, sleigh riding and skating. One special reason is because they can enroll in the Capper Clubs and actually start working extra time at home and earning money for themselves.

This month offers the same opportunity to ambitious boys and girls. Since boys are enrolled in the Capper Pig Club and girls in the Capper Poultry Club, it will be best to read about these clubs separately.

### How Boys May Enroll

Every boy between 12 and 18 years old is eligible for membership if he is in position to care for a sow and pigs. Ten boys will make up a team, but many teams may be organized in one county. This makes it possible for boys in one community to have a team of their own, and they can get together easily to hold meetings.

Boys who are selected for membership in their county will enter registered sows in the contest sometime between January 1 and April 15. All sows must be bred to registered males, and must not be valued at more than \$75. Boys chosen for membership who already have registered sows are ready to go right ahead with the work. Boys who do not have purebred sows, nor the money to buy them, may borrow as much as \$75 from Arthur Capper for this purpose. By borrowing enough money to pay for a sow a boy can get in the contest work and the pigs the sow produces will more than pay back the loan. All sows entered in the contest are insured from the time of entry until the first litter of pigs is 6 weeks old.

### Keep Accurate Records

Little extra time is required to do the contest work. Most important of all is giving the sow and pigs the very best of care. Getting a start with purebred hogs is the thing we are after, and that calls for good management as well as care. If you are going to be a good manager you must keep accurate records so you will know just how you are coming out. Once each month the club members will make a report of their contest work. Special blanks for this purpose will be provided free. At the end of the contest each member will make a complete report of his contest work and write a story about how he managed his purebred business. This final report will show exactly how much profit has been made during the contest.

Besides the profits club members will make on their hogs they have an opportunity of winning a good share of the valuable cash prizes and silver trophy cups that are offered. The boys producing the most pork at the least cost, those making the most profit, and those doing the best club work will win the prizes. In addition to

those prizes, many others are offered for the teams showing the most pep in their work in holding monthly business meetings and doing other things of interest.

### Listen to This, Girls

Every farm girl in Kansas between the ages of 10 and 18 will be offered a real opportunity this year, thanks to Senator Capper who organized the Capper Poultry Clubs some years ago. There are three departments in the club and you may take your choice.

The first department is the baby chick in which 20 purebred chicks are entered. The cash prize awards in this department are: First prize, \$12; second prize, \$7; third prize, \$5; fourth prize, \$4; fifth prize, \$2; and 10 additional prizes of \$1 each.

Eight purebred hens and one cock or cockerel are entered in the small pen department. The cash prizes in this department are: First, \$20; second, \$15; third, \$10; fourth, \$5; fifth, \$3 and 10 additional prizes of \$1 each.

Fifteen hens and one or two cocks or cockerels are entered in the large pen department. The prizes are as follows: First, \$15; second, \$10; third, \$8; fourth, \$5.

Record keeping is simple and is fully explained.

The girl who makes the highest profit record on her investment receives a silver trophy cup and the county team making the highest combined profit record receives \$5 each.

### Mothers Join Also

We have a Mothers' Division, too. In this the mother enters the farm flock, keeping records on it and works as a partner with her daughter. The prizes in this division are: First, \$20; second, \$10; third, \$6; fourth, \$5 and 10 additional prizes of \$1 each.

There is a Mothers-Daughters division in which joint records are graded and prizes awarded accordingly. Prizes are: First, \$10; second, \$5; third, \$3; fourth, \$2; and five more prizes of \$1 each.

This sounds like work, I know, but we have lots of fun, too. We are trying to organize clubs of 10 members each around different communities this year, and these clubs will act as separate units in a pep race, the goal of which is a \$50 trophy cup. Leaders for each club will be appointed before April 1, when the pep race begins. To the leader who wins the cup a cash prize of \$10 is given and each of her team-mates receives a cash prize of \$5.

The Capper Clubs are now open for new members. We welcome every boy or girl who is wide-awake, energetic and full of pep. Remember, if you do not have the money with which to purchase your entries, Senator Capper will lend it to you on your own personal note. If you're interested, fill in the application blank and send it to us and we'll send complete information.

## Capper Pig and Poultry Clubs

Capper Building, Topeka, Kansas

Raymond H. Gilkeson, Pig Club Manager

Rachel Ann Neiswender, Poultry Club Manager

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

..... county in the Capper

..... Club.

(Write pig or poultry club)

I will try to get the required recommendations, and if chosen as a representative of my county I will carefully follow all instructions concerning the club work and will comply with the contest rules. I promise to read articles concerning club work in the Kansas Farmer and Mail & Breeze, and will make every effort to acquire information about care and feeding of my contest entry.

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

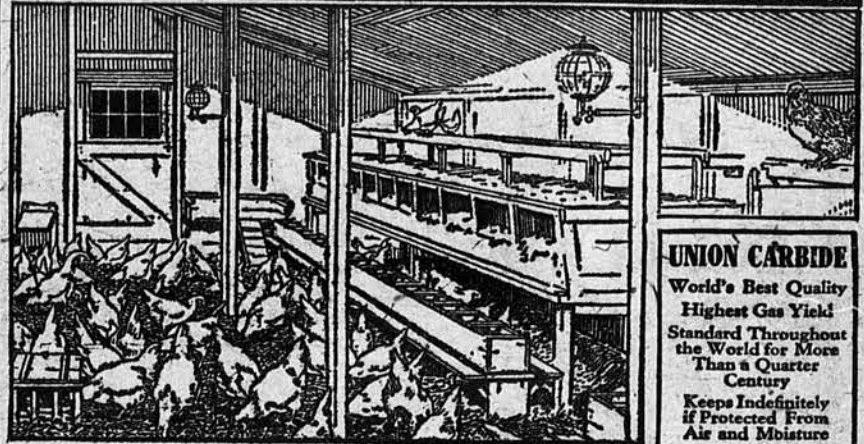
Approved..... Parent or Guardian

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

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

# UNION CARBIDE

ALWAYS HIGHEST GRADE—ALWAYS UNIFORM



### UNION CARBIDE

World's Best Quality  
Highest Gas Yield  
Standard Throughout  
the World for More  
Than a Quarter  
Century  
Keeps Indefinitely  
if Protected From  
Air and Moisture  
Greatest Gas Value  
Purest Gas



## Artificial Sunlight at small cost increases egg production in winter months when eggs bring best prices!

Many progressive farmers, with an eye to easily increasing the family income, are installing artificial sunlight—Union Carbide Gas—in their henhouses, lengthening the hens' winter day to 14 hours for added feeding and exercising, securing greatly increased egg production at small cost when more eggs mean much more money.

Union Carbide, discovered 31 years ago, has made artificial sunlight easily and cheaply available everywhere. Today the scores of uses for Union Carbide Gas are responsible for an abundance of comfort, happiness, and economy for millions of people the world over.

More than 398,000 farms were equipped during past years to avail of the full measure of satisfaction which can be realized from Union Carbide Gas lighting and cooking plants. Each year more such plants are being installed than during any preceding year.

It is a simple proposition.

A little Union Carbide, in a simple apparatus that automatically feeds it into common water, makes Union Carbide Gas for lighting and cooking as needed. Concealed without disfiguring walls, floors, or ceilings, small iron pipe conducts the gas to rooms where its cheerfulness and comfort are enjoyed; to the kitchen for cooking, ironing, and heating water; to the barn for light and safety; to the henhouses for increasing egg production in winter.

The more than 398,000 farmers who have installed Union Carbide Gas lighting and cooking plants in past years, can easily have their gas piping systems extended to their poultry buildings, and thus avail of artificial sunlight and increased egg money during winter months.

We supply Union Carbide in generator sizes direct to consumer at factory prices through 150 Union Carbide Warehouses. There is one near you.

### UNION CARBIDE SALES COMPANY

30 East 42d Street, Dept. N-46, New York, N. Y.

Please send me, without obligation, information on UNION CARBIDE Lighting and Cooking.

NAME.....

ADDRESS.....

STATE.....

I am ☐ NOW a Carbide user

Note: Every owner of a Carbide Gas Lighting and Cooking Plant should write us, so he will be kept advised of our lowest direct-to-consumer prices and nearest Union Carbide Warehouse address, and his name placed on our mailing list for future helpful service.

Write for Book Today



## FARM WAGONS

High or low wheels—steel or wood—wide or narrow tires. Steel or wood wheels to fit any running gear. Wagon parts of all kinds. Write today for free catalog illustrated in colors.

ELECTRIC WHEEL CO., 30 Elm Street, Quincy, Ill.



## My Engine Will Do the Work of 6

"I set out to build a farm engine that would have every feature the farmer wanted and none he didn't want. It has now been on the market six years. Thousands of satisfied users tell me I've succeeded. I'm proud to have this engine bear my name."  
—A. Y. EDWARDS

### EDWARDS FARM ENGINE

## Try This Remarkable Engine FREE

There is no other farm engine like it. Simple in construction and easy to operate. It is only one engine, yet it takes the place of six engines. It will give from 1 1/2 to 6 H. P., yet it is so light that two men can carry it easily. Set it anywhere and put it to work.

### Change Power as Needed

It is a 6 H. P. when you need 6, or 1 1/2 H. P. when you need only 1 1/2, or any power in between. Fuel consumption in proportion to power used and remarkably low at all times. Adjustment from one power to another is instantaneous.

### Burns Kerosene

Operates with kerosene or gasoline. Easy starting, no cranking. The greatest gas engine

value on the market. And you can prove all of these statements to your own satisfaction.

### What Users Say

Ivan L. Blake, of Hannibal, New York, says: "Only engine economical for all jobs. I run a 28-inch cord wood saw, a 24-inch rip saw, a washer, a pump, and a grinder, and it sure runs them fine. It has perfect running balance, and it sets quiet anywhere."

Clarence Rutledge, of Manitoulin Island, Ontario, says: "Have given my Edwards four years' steady work and like it fine. It uses very little fuel. I run a 28-inch cord wood saw, also a rip saw, 8-inch grinder, ensilage cutter, line shaft for shop, churn, washer, separator and pump. Have had ten other engines and the Edwards beats them all."

Frank Foell, of Cologne, New Jersey, says: "It's a great pleasure to own an Edwards engine. I run a wood saw, cement mixer,

threshing machine, etc. Do work for my neighbors. Easy to move around and easy to run. I would not have any other."

### Free Trial Offer

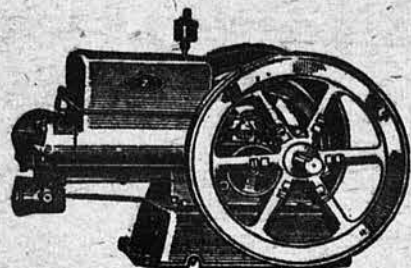
Now—I want to prove my claims to you. I want to send you an Edwards Engine for absolutely free trial. Just write your name and address on coupon and mail. I will send at once complete details about my farm engine and about my free trial offer. No cost or obligation. Mail coupon now.

### MAIL THIS COUPON

EDWARDS MOTOR CO.  
761 Main Street, Springfield, Ohio  
Without cost or obligation, send me complete description of your engine, also details of your free trial offer.

Name.....  
Address.....





# Runs 24 hours a day FAIRBANKS-MORSE 'Z' engine

Geo. Seahan, South Jacksonville, Fla., says "The 'Z' engine which I have used for more than a year has exceeded our greatest expectations. At times we operate it for stretches of 24 hours duration. Very economical. Requires no attention whatever." P. W. Oswald, Baker, Oregon, says "The 'Z' engine bought in 1916 is the most reliable piece of machinery I ever owned."

Over 350,000 users have approved the "Z" Engine. No matter what your power requirements, there is a "Z" Engine to exactly suit your needs. Over 5,000 dealers carry these engines in stock and will save you money on freight.

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# THE CROSS-CUT

By COURTNEY RYLEY COOPER

(Copyrighted)

October! October—and winter on the way. October—and only a month until the time when Harry must face a jury on four separate charges, any one of which might send him to Canon City for the rest of his days; Harry was young no longer. October—and in the dreamy days of summer, Fairchild had believed that October would see him rich. But now the hills were brown with the killing touch of frost; the white of the snowy range was creeping farther and farther over the mountains; the air was crisp with the hint of zero soon to come; the summer was dead, and Fairchild's hopes lay inert beside it. He was only working now because he had determined to work. He was only laboring because a great, strong, big-shouldered man had come from Cornwall to help him and was willing to fight it out to the end. October—and the announcement had said that a certain girl would be married in the late fall, a girl who never looked in his direction any more, who had allowed her name to become affiliated with that of the Rodaines, now nearing the task of completing their two million. October—month of falling leaves and dying dreams, month of fragrant beauties gone to dust, the month of the last, falling fight against the clutch of grim, all-destroying winter. And Fairchild was sagging in defeat just as the leaves were falling from the shaking aspens, as the moss tendrils were curling into brittle, brown things of death. October!

For a long moment, Fairchild said nothing, then as Harry came from the staging, he moved to the older man's side.

"I—I didn't quite catch the idea," came at last. Harry pointed with his sledge.

"I've been noticing the vein. It keeps turning to the left. It struck me that it might have branched off from the main body and that there's a bigger vein over there somewhere. We'll just have to make a try for it. It's our only chance."

"And if we fail to find it there?"

"Then We're Whipped!"

"We'll put a couple of 'oles in the foot wall and see what we strike. And then—"

"Yes—?"

"If it ain't there—we're whipped!" It was the first time that Harry had said the word seriously. Fairchild pretended not to hear. Instead, he picked up a drill, looked at its point, then started toward the small forge which they had erected just at the foot of the little raise leading to the stope. There Harry joined him; together they heated the long pieces of steel and pounded their biting faces to the sharpness necessary to drilling in the hard rock of the hanging wall, tempering them in the bucket of water near by, working silently, slowly, hampered by the weight of defeat. They were being whipped; they felt it in every atom of their beings.

But they had not given up their fight. Two blows were left in the struggle, and two blows they meant to strike before the end came. The next morning they started at their new task, each drilling holes at points five

feet apart in the hanging wall, to send them in as far as possible, then at the end of the day to blast them out, tearing away the rock and stopping their work at drilling that they might muck away the refuse. The stope began to take on the appearance of a vast chamber, as day after day, hanging away at their drill holes, stopping only to sharpen the bits or to rest their aching muscles, they pursued into the entrails of the hills the vagrant vein which had escaped them.

And day after day, each without mentioning it to the other, was tortured by the thought of that offer of riches, that mysterious proffer of wealth for the Blue Poppy mine, tortured like men who are chained in the sight of gold and cannot reach it. For the offer carried always the hint that wealth was there, somewhere, that Squint Rodaine knew it, but that they could not find it. Either that—or flat failure. Either wealth that would yield Squint a hundredfold for his purchase, or a sneer that would answer their offer to sell. And each man gritted his teeth and said nothing. But they worked on.

October gave up its fight. The first day of November came, to find the chamber a wide, vacuous thing now, sheltering stone and refuse and two struggling men—nothing more. Fairchild ceased his labors and mopped his forehead, dripping from the heat engendered by frenzied labor; without the tunnel opening, the snow lay deep upon the mountain sides, for it had been more than a week since the first of the white blasts had scurried over the hills to begin the placid, cold envelopment of the winter. A long moment, then:

"Harry."

"Aye."

"I'm going after the other side. We've been playing a half-horsed game here."

"I've been thinking that, Boy."

"Then I'm going to tackle the foot wall. You stay where you are, for a few more shots; it can't do much good, the way things are going, and it can't do much harm. I was at the bank today."

"Yeh."

"My balance is just two hundred."

"Counting what we borrowed from Mother 'Oward?"

"Yes."

Harry clawed at his mustache. His nose, already red from the pressure of blood, turned purplish.

"We're nearing the end, Boy. Tackle the foot wall."

Hope Returns

They said no more. Fairchild withdrew his drill from the "swimmer" or straightforward powder hole and turned far to the other side of the chamber, where the sloping foot wall showed for a few feet before it dived under the muck and refuse. There, gad in hand, he pecked about the surface, seeking a spot where the rock had splintered, thereby affording a softer entrance for the biting surface of the drill. Spot after spot he prospected, suddenly to stop and bend forward. At last came an exclamation, surprised, wondering:

"Harry!"

"Yeh."

"Come here."

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The Cornishman left his work and walked to Fairchild's side. The younger man pointed.

"Do you ever fill up drill holes with cement?" he asked.

"Not as I know of. Why?"

"There's one." Fairchild raised his gad and chipped away the softer surface of the rock, leaving a tubular protuberance of cement extending. Harry stared.

"What the bloody 'ell?" he conjectured. "D'you suppose—" Then, with a sudden resolution: "Drill there! Gad a 'ole off to one side a bit and drill there. It seems to me Sissie Larsen put a 'ole there or something—I can't remember. But drill. It can't do any 'arm."

The gad chipped away the rock. Soon the drill was biting into the surface of the foot wall. Quitting time came; the drill was in two feet, and in the morning, Fairchild went at his task again. Harry watched him over a shoulder.

"If it don't bring out anything in six feet—it ain't there," he announced. Fairchild found the humor to smile.

"You're almost as cheerful as I am." Noon came and they stopped for lunch. Fairchild finished the remark begun hours before. "I'm in four feet now—and all I get is rock."

"Sure now?"

"Look."

They went to the foot wall, and with a scraper brought out some of the muggy mass caused by the pouring of water into the "down-hole" to make the siftings capable of removal. Harry rubbed it with a thumb and forefinger.

"That's all," he announced, as he went back to his dinner pail. Together, silently, they finished their luncheon. Once more Fairchild took up his work, dully, almost lackadaisically, pounding away at the long, six-foot drill with strokes that had behind them only muscles, not the intense driving power of hope. A foot he progressed into the foot wall and changed drills. Three inches more. Then—

"Harry!"

"What's 'appened?" The tone of Fairchild's voice had caused the Cornishman to lean from his staging and run to Fairchild's side. That person had cupped his hand and was holding it beneath the drill hole, while into it he was pulling the muck with the scraper and staring at it.

"This stuff's changed color!" he exclaimed. "It looks like—"

"Bet me see!" The older man took a portion of the blackish, gritty mass and held it close to his carbide. "It looks like something—it looks like something!" His voice was high, excited. "I'll finish the 'ole and jam enough dynamite in there to tear the insides out of it. I'll give 'er 'ell. But in the meantime, you take that down to the assayer!"

#### Old Undertaker Was Pessimistic

Fairchild did not hesitate. Scraping the watery conglomeration into a tobacco can, he threw on his coat and ran for the shaft. Then he pulled himself up, singing, and dived into the freshmade drifts of a new storm as he started toward town; nor did he stop to investigate the fast fading footprints of some one who evidently had passed the mine a short time before. Fairchild was too happy to notice such things just now; in a tin can in his side pocket was a blackish, muggy mixture which might mean worlds to him; he was hurrying to receive the verdict, which could come only from the retorts and tests of one man, the assayer.

Into town and thru it to the scrambling buildings of the Sampler, where the main products of the mines of Ohadi found their way before going to the smelter. There he swung wide the door and turned to the little room on the left, the sanctum of a white-haired, almost tottering old man who wandered about among his test tubes and "buttons" as he figured out the various weights and values of the ores as the samples were brought to him from the dirty, dusty, bin-filled rooms of the Sampler proper.

A queer light came into the old fellow's eyes as he looked into those of Robert Fairchild.

"Don't get 'em too high!" he admonished. Fairchild stared.

"What?"

"Hopes. I've seen many a fellow come in just like you. I've been here thirty year. They call me Old Undertaker Chastine!"

Fairchild laughed.

"But I'm hoping—"

"Yep, Son." Undertaker Chastine looked over his glasses. "You're just like all the rest. You're hoping. That's what they all do; they come in here with their eyes blazing like a grate fire and their faces all lighted up as bright as an Italian cathedral. And they tell me they've got the world by the tail. Then I take their specimens and I put 'em over the hurdles—and half the time they go out wishing there wasn't any such person in the world as an assayer. Boy," and he pursed his lips, "I've buried more fortunes than you could shake a stick at. I've seen men come in here millionaires and go out paupers—just because I've had to tell 'em the truth. And I'm soft-hearted. I wouldn't kill a flea—not even if it was eatin' up the best bird dog that ever set a pa'tridge. And just because o' that, I've adopted the system of taking all hope out of a fellow right in the beginning. Then if you've really got something, it's a joyful surprise. If you ain't, the disappointment don't hurt so much. So trot 'er out and let the old Undertaker have a look at 'er. But I'm telling you right at the start that it won't amount to much."

Sobered now, Fairchild reached for his tobacco can, which had been stuffed full of every scrap of slime that he and 'Arry had been able to drag from the powder hole. Evidently, his drill had been in the ore, whatever it was, for some time before he realized it; the can was heavy, exceedingly heavy, giving evidence of purity of something at least. But Undertaker Chastine shook his head.

"Can't tell," he announced. "Feels heavy, looks black and all that. But it might not be anything but straight lead with a sprinkling of silver. I've seen stuff that looked a lot better than this not run more'n fifteen dollars to the ton. And then again—"

He began to tinker about with his pottery. He dragged out a scoop from somewhere and prepared various white powders. Then he turned to the furnace, with its high-chimneyed draft, and filled a container with the contents of the tobacco can.

"Let 'er roast, Son," he announced. "That's the only way. Let her roast—and while it's getting hot, well, you just cool your heels."

#### "You Ain't Been High Grading?"

Long waiting—while the eccentric old assayer told doleful tales of other days, tales of other men who had rushed in, just like Fairchild, with their sample of ore, only to depart with the knowledge that they were no richer than before, days when the news of the demonization of silver swooped down upon the little town like some black tornado, closing down the mines, shutting up the gambling halls and great saloons, nailing up the doors, even of the Sampler, for years to come.

"Them was the times when there was a lot of undertakers around here besides me," Chastine went on. "Everybody was an undertaker then. For' Boy, how that thing hit! We'd been getting along pretty well at ninety-five cents and a dollar an ounce for silver, and there was men around here wearing hats that was the biggest in the shop, but that didn't come anywhere near fittin' 'em. And then, all of a sudden, it hit! We used to get in all our quotations in those days over the telephone, and every morning I'd phone down to Old Man Saxby that owned the Sampler then to find out how the New York market stood. The treasury, you know, had been buying up three or four million ounces of silver a month for minting. Then some high-falutin' Congressman got the idea they didn't want to do that any more, and he began to talk. Well, one morning, I telephoned down, and silver'd dropped to eighty-five. The next morning it went to seventy. The House or the Senate, I've forgotten which, had passed the demonization bill. After that, things dragged along and then—I telephoned down again.

"What's the quotation on silver?" I asked him."

"Hell," says Old Man Saxby, 'there ain't any quotation! Close 'er up—close up everything. They've passed the demonization bill, the president's going to sign it, and you ain't got a job."

"And young feller—" Old Undertaker Chastine looked over his glasses again, "that was some real disappointment. And it's a lot worse than you're liable to get in a minute."

(Continued on Page 12)

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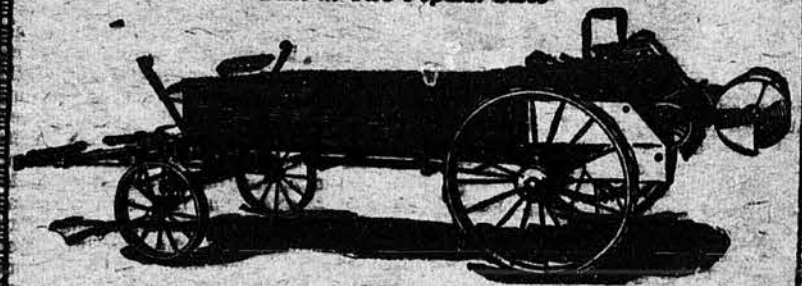
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# Kansas Won First in Judging

And Local Exhibitors Also Made an Excellent Record at the International at Chicago

BY F. B. NICHOLS

**K**ANSAS took first in the judging contest at the International Live Stock Exposition, December 1 to 8 at Chicago. The team from the Kansas State Agricultural College, composed of J. L. Farrand, Edwin Hedstrom, A. C. Magee, H. F. Moxley, M. D. Roberts, G. R. Warthen and M. L. Baker, with F. W. Bell as coach, scored 4,319 points out of a possible 4,800. Eighteen other colleges were represented in the contest.

The young men from Kansas made this record by hard work, and without a loss in their classroom standing. Every member of the team has unusually high grades. The victory was a tremendous demonstration of the efficiency of the work of the department of animal husbandry in the Kansas school. A further item of interest in that connection is that the percentage record for winning in this contest goes to Kansas, considered from the time it was started. The Kansas State Agricultural College has been first or near it for many years.

## Win Five Places

And then to top it all off, students from the Kansas State Agricultural College won five out of the first 12 places in the essay contest conducted by the Saddle and Sirolo Club with 164 folks from North America entered. These students with their rank were: 3, Mrs. Dorothy L. Nelson; 6, Charles O. Dirks; 7, Ralph W. Sherman; 10, Max M. Hoover; and 12, Austin Stover. The college also took a long bunch of awards in the fat hog and sheep classes. In fat Spotted Poland Chinas, for example, it won first, second and third on barrows shown at a weight of 350 to 450 pounds, first on barrows 450 to 550 pounds, first on pens of 350 to 450 pounds, first on get of sire, and then won the championship on both individuals and pens.

Dan D. Casement of Manhattan won a first and a championship on a carload of short fed yearlings. Samuel Russell, Jr., of Manhattan won a first on a carload of calves from the corn belt district. G. L. Mathews & Son of Kinsley exhibited 13 Herefords in the breeding classes, and took a long string of awards, including first on junior yearling bulls, on Brother Regulator, in the face of savage competition with 31 animals entered in this class. With the same sort of hard-boiled battle and with 25 animals entered, Mr. Mathews also won first with Lady Regulator 9th in the class of 2-year old heifers. Robert H. Hazlett of Eldorado brought a breeding herd of 12 Herefords, and was in the money almost constantly in the classes in which he showed. C. E. Talley of Meade was a consistent winner on his Galloways.

Among the Colorado breeders the Ken Caryl Ranch of Littleton showed up well with its Herefords, as "per usual." Probably the warmest class encountered in the course of the excitement was with 2-year old bulls, 22 being shown. The Ken Caryl Ranch accumulated a first, however, on Ken Caryl. It also won first in the aged cow class on Crystal Mischief, which is an animal which has had previous triumphs in the show ring. George W. Baker and J. D. Canary, both of Littleton, also were easily in the money in many of the Hereford classes. And so were Paul Hahnwald and W. N. W. Blayney of Denver. The Maxwell-Miller Land Company of Littleton showed Shorthorns, and placed high in several classes.

## The Grain and Hay Show

Among the Kansas winners in the International Grain and Hay Show were George Chapman and Bruce S. Wilson of Keats, who took first and second on milo, Lillian M. Bierim of Oneida won fourth in that class, and L. C. Swihart of Lovewell seventh. In the kafir classes Edward Watson of Manhattan won third, D. C. Davis of Manhattan fourth, Clifford Eustace of Wakefield sixth, L. A. Somers of Wichita seventh and E. O. Starr of Wichita eighth. In Region 6, which includes a part of Kansas, in the

White Dent corn classification, M. M. Eichelberger of Almena was first and Victor Morton of Oberlin second. In Region 4, farther east in Kansas, A. W. Warner of Corning won a placing on Yellow Dent corn. And so did H. F. Groninger of Bendena on White Dent.

In the carload part of the show it was a "black year"—which has happened before. Anyhow E. P. Hall of Mechanicsburg, Ill., showed the champion carload of 2-year olds, which were Angus, and were sold in the sale to the Fred Harvey Dining Car Service for \$18 a hundred. These steers weighed 1,300 pounds apiece. In the yearling class John Hubby of Mason City, Ill., took first on a load of 1,050-pound Angus steers, which sold for \$21.50 a hundred. A. A. Armstrong of Camargo, Ill., showed the champion steer, Broadus White Sox, a purebred Angus senior yearling. The judge who made all of these awards was William Reid of Westcliff-on-Sea, England.

Kansas had one of the most attractive state exhibits in the International Grain and Hay Show, which especially featured alfalfa. It showed that when alfalfa was cut in the bud stage one obtained 3.35 tons of hay on an average an acre of 17.5 per cent protein; tenth bloom, 3.41 tons of 16.5 per cent protein; full bloom, 3.51 tons of 15.1 per cent protein; and seed pod stage, 2.94 tons of 13.3 per cent protein. It is believed that full bloom is best—certainly the tendency in Kansas in many communities is toward cutting at about that stage.

## U. S. Exhibit Unusually Fine

The United States Department of Agriculture had the best exhibit it has ever shown at the International—and that, is saying a whole lot. Practically every step in the production and use of meat was covered. Perhaps the feature of this was eight steers, four of them fat and four feeders, that would come under the classifications of common, medium, good and choice. The fat steer in the common class weighed 1,050 pounds, and was worth \$7.34 a hundred; the medium steer weighed 1,150 pounds, and was worth \$9.02 a hundred; the good steer weighed 1,250 pounds, and was worth \$10.50 a hundred, while the choice steer weighed 1,400 pounds, and was worth \$12.02 a hundred.

The International of this year was the greatest show ever held at Chicago, and probably in the world. The livestock section showed more than its usual gain. The International Grain and Hay Show had an abnormal increase in exhibits. Perhaps the feature of the whole show was "the boys' and girls' club work; about 1,500 boys and girls from all over America attended, of which 50 came from Kansas.

## Invest Safely and Profitably

In these days when every dollar counts and when so many "investment" schemes are directed at the farmer, the problem of investing surplus funds is really important. I believe that I have solved that problem for the readers of Kansas Farmer and Mail & Breeze. This investment is backed by 28 years of success in a business which has grown to be one of the strongest concerns in the Midwest, and in fact, the largest business of its kind in the world. Further conservative expansion and additional equipment are the motives for obtaining additional capital at this time. Amounts of \$100 or more are solicited. The rate of interest is 7 per cent payable semi-annually with the privilege of withdrawing any or all of the investment at any time upon 30 days' notice. I can unqualifiedly recommend this investment and believe it as safe as a government bond. A letter to me will bring you promptly further information. Arthur Capper, Topeka, Kan.

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# With the Boys and Girls in Puzzletown

**M**ISS Jennie had a wooden churn, filled up with luscious cream; And Mother Mouse looked in and smiled, Then gave an awful scream. A dreadful thing had happened there, Just what you'd never guess, For Mother Mouse had fallen in— It was a fearful mess. But Mother Mouse kept swimming Until Uncle Rat came near And said, "My goodness, gracious me! How did you get in here?" He started right in gnawing, Then gave a cheering shout. He'd made a hole right thru the churn And all the cream ran out. And forth stepped Mother Mousey, And smiled at Uncle Rat, Who licked the cream from her soft fur, Which made him sleek and fat.

Mary L. Dann.

## Can You Guess Who?

(If you've studied United States history you can guess the name of the man described below. Send your guess to the Young Folks' Editor, Kansas Farmer, Topeka, Kan. There will be a game pamphlet each for the senders of the first 10 correct guesses.)

He was born in Kentucky, June 3, 1808, and ever so many things happened to him before he died at the age of 81. He graduated at West Point, fought in the Black Hawk War and ran away with and married the daughter of our President, Zachary Taylor. He was sent to Congress but would not stay and left to enlist in

the Mexican War. He was wounded at Buena Vista. He ran for Governor of Mississippi but was not elected. Later he was appointed Secretary of War. He upheld slavery and believed the states had a right to leave the Union. He was President of the Southern Confederacy and in closing his first message said, "All we want is to be left alone." He was imprisoned and attempted to escape disguised as a woman, but failed. He was charged with high treason but never brought to trial. He died in New Orleans.

## Who Can Do It?

See who can get the right answer (faultless) when you ask them to combine wrong and little in one word to make perfect.

## Before Christmas



Just one closet in the house Where children must not go! Wonder what is hidden there. Pretty soon we'll know!

## To Keep You Guessing

Read these riddles aloud to the family, withholding the answers, and see how many can guess them.

What is the best thing to do in a hurry? Nothing.

Why is a clock the most humble thing in existence? Because it always

holds its hands before its face and how ever good its works may be it is always running itself down.

What is the best day of the week for making pancakes? Friday.

When are two apples alike? When pared.

Why is a plum cake like the ocean? Because it contains many currants.

## Puzzle and Contest Winners

The answer to the "Can You Guess Who?" contest for November 17 is William Penn and the winners are: Mary Ellenbecker, Alice Cook, Helen Holman, Zola Wollam, Margaret Wallace, Clarence Huffman, Daisy Chandler, Mildred Leppard, Lawrence Antenex and Robert Smeltz.

The answer to the "Can You Guess Who?" contest for November 24 is Abraham Lincoln and the winners are: Cordia Rogers, Nellie Harper, Mary Bechtel, Donald Bell, Gladys Warinner, Evelyn Dyer, Jessie Hodges, Donald Thodes, Alice Maixner and Vera Haynes.

The answer to the "What is the Diagonal?" contest of November 17 is Cabot and the winners are: Robert Gray, Harry Bauman, Clara Faris, Louisa Nigh, Lester Terrell, Max and Merle Scritchfield, Ellen Newell, Myrtle Moss, Julian Kroeger and Viola Barnes.

The winners of the November 17 puzzle are: Gladys Lee Luttrell, Fannie Jones, Marjorie Warren, Evelyn Wariner, Alice Hauser, Margaret Bean, Thelma Keller, Roland Bradley, Alta Morehouse, Frances Warner and Irene Shambaugh.

The winners of the November 24 puzzle are: Ida Stearns, Charles Warinner, Glenn Webb, Rebha Rhodes, Gladys Ream, Audrey Lister, May Bernasek, Alta Morehouse, Eulalia Gabriel and Bessie Olthoff.

The answer to the December 1 puzzle is London and the winners are: Walter Bluhm, Hazel Morgan, Edris Davis, Maxine Cross, Ethel Cooley, Richard Mueller, Floyd Capps, Norma Grob, Albert Chase and Lucile Bolinger.

## Ask This Riddle

Something worn and a spike, together Are used in every kind of weather. (A clothespin.)

## In Our Letter Box

I am 8 years old and am in the third grade. I have two brothers and a baby sister. I have a pet hen and five little kittens and a dog and a pony. I like to raise chickens and would join the poultry club if I were old enough.

Geneva Hatfield.

Montezuma, Kan.

## When the Old Cat's Away

I am 10 years old and in the fifth grade. I have a brother named Frederick and a sister named Dorothy. Frederick is 1 1/2 years old and Dorothy is 13. We have a cat that has four little kittens. An old hen takes care of the kittens when the cat is

away getting something to eat. We have a horse named Topsy. We ride her to school.

Harris, Kan. Agnes Wesemann.

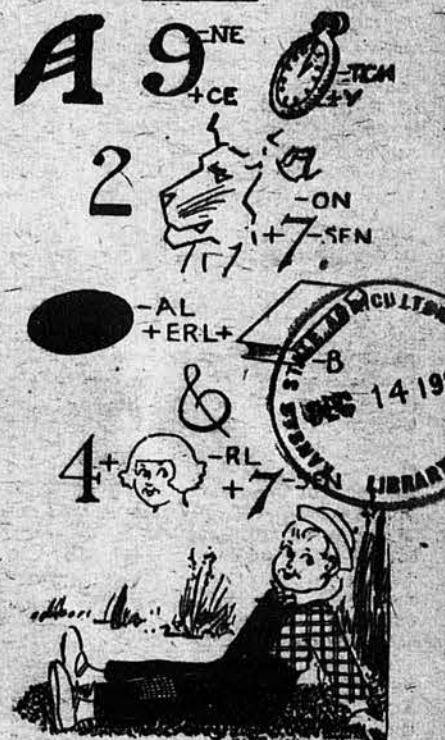
## An Orchestral Acrostic

My first is found in the piccolo, My second in the slide trombone; For my third to the tuba we must go, For my fourth to the saxophone.

And my fifth we get from the lead cornet;

We soon will have a musical treat, For all we need is my whole, to lead, And our orchestra is complete.

For the first five boys or girls who can name the musical instrument needed to complete the orchestra there will be a package of postcards each. Send your answers to the Puzzle Editor, Kansas Farmer, Topeka, Kan.



If you can solve the above puzzle send your answer to the Puzzle Editor, Kansas Farmer, Topeka, Kan. A package of postcards each for the first 10 correct answers. Be sure to address letters to Puzzle Editor.

## Making Shadow Pictures on the Wall



Dog and Cat Fight in Shadowland



The Hoovers—Buddy Gives the City Sport a Lesson in Manners, But What's the Use?



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## Health in the Family

Everybody Should Show an Interest in Those Who May be Suffering From Tuberculosis

BY DR. CHARLES H. LERRIGO

ONE who never has faced in person the menace of the Great White Plague may find it difficult to give due heed of sympathy to those who are its victims. There is too strong a tendency to feel provoked rather than sympathetic; a stronger interest in making sure that the consumptive brings no harm to you and yours than in any efforts to help lift the weight that rests upon him.

This feeling is not likely to be helpful in fighting tuberculosis for if we make outcasts of all those who have the disease there will be a stronger inclination than ever to hide it up, call it by other names, and thus allow it to get a stronger hold. Tuberculosis is dangerous. Let no one try to hide that fact. But the intelligent patient who has tuberculosis may yet be quite harmless. It all depends upon the care that the patient takes to avoid open coughing and the disposition that he makes of the sputum. A patient who is educated to do this in the proper way is not a dangerous person and there is no reason why neighbors should not call upon him and people go back and forth to his home.

One of you wrote me last week about your school teacher having tuberculosis and keeping the schoolroom very close and hot in cold weather. I am very sorry that anyone having pulmonary tuberculosis should attempt to teach school. This is putting the children to unwarranted exposure and is also very bad for the teacher. Most people who have tuberculosis are very considerate for the welfare of others. This teacher should leave her position until she has overcome the disease. Not only is this desirable for the sake of the children, but for her own sake she should learn that no one with active tuberculosis is equal to the job of teaching school.

### Treating Baldness

My husband has alopecia areata and would like to know cure, details, and cause of it, how long it takes before hair comes in after spots appear. He is 30 years old, and is worried, so please answer. A. W.

I am sorry that I cannot be very encouraging about alopecia areata. It is a condition in which certain sharply defined patches of the scalp become bald, altho the hair on the rest of the head may be as good as ever. Its origin is usually in some disease of the nervous system. The outcome depends entirely on the way in which the patient responds to treatment and is always better if the patient is of a cheerful disposition, co-operates with his doctor and refuses to be worried. It is not a disease of any definite duration so no one can set a time for its cure.

### About Eating Red Meat

Please say why we are always forbidden to eat "red meats" in Bright's disease. Does this mean that I can eat all the chicken, turkey, bacon, that I want? Please answer thru the Kansas Farmer. S. T. W.

It probably grew out of the idea that red meats were more decidedly nitrogenous than any other kind. As a matter of fact this is incorrect. If a patient is to avoid proteins he must leave chicken off the list as well as beef. Meats other than red show just as great percentage of protein on chemical analysis, excepting only those that are fat.

### Operation for Appendicitis

I was operated for appendicitis first week in July. The appendix was full of pus but had not burst. I have done no work that required any strain or much exertion since. Have had considerable inward pain which comes from adhesions. Some say the adhesions will get worse if I work and some say I should work to correct them. Kindly advise. F. M. H.

Pay as little attention to adhesions as possible. Don't even think of them and go on with your work. Adhesions are seldom dangerous. It is well to know that.

### Possibly Puerperal Fever

My wife was taken down with typhoid about three weeks after her baby was born. In fact the typhoid followed right after the birth so that she never got up. Is it likely that the baby will catch it from her? A. W. W.

It is a possibility but it is easily guarded against. Take the baby away

and keep it from any contact. I presume that the child is not nursing the breast. Are you quite sure that the disease is typhoid fever? Very often child-bed fever, the result of puerperal infection, presents very similar symptoms to typhoid. Your doctor can find out by blood tests. Typhoid fever is possible but puerperal fever is much more likely.

Mrs. T. P.

I think you should have the operation advised, but don't trust yourself in the hands of a doctor who "will do anything for the money." There are plenty of honest doctors. You need honesty and skill combined.

### The Cross-Cut

(Continued from Page 9)

He turned to the furnace and took out the pottery dish in which the sample had been smelting, white-hot now. He cooled it and tinkered with his chemicals. He fussed with his scales, he adjusted his glasses, he coughed once or twice in an embarrassed manner; finally to turn to Fairchild.

"Young man," he queried, "it ain't any of my business, but where'd you get this ore?"

"Out of my mine, the Blue Poppy!"

"Sure you ain't been visiting?"

"What do you mean?" Fairchild was staring at him in wonderment.

Old Undertaker Chastine rubbed his hands on his big apron and continued to look over his glasses.

"What'll you take for the Blue Poppy mine, Son?"

"Why—it's not for sale."

"Sure it ain't going to be—soon?"

"Absolutely not." Then Fairchild caught the queer look in the man's eyes. "What do you mean by all these questions? Is that good ore—or isn't it?"

"Son, just one more question—and I hope you won't get mad at me. I'm a funny old fellow, and I do a lot of things that don't seem right at the beginning. But I've saved a few young bloods like you from trouble more than once. You ain't been high-grading?"

"You mean—"

### News of Great Joy

"Just exactly what I say—wandering around somebody else's property and picking up a few samples, as it were, to mix in with your own product? Or planting them where they can be found easily by a prospective buyer?"

Fairchild's chin set, and his arms moved slowly. Then he laughed—laughed at the small, white-haired, eccentric old man who thru his very weakness had the strength to ask insulting questions.

"No—I'll give you my word I haven't been high-grading," he said at last. "My partner and I drilled a hole in the foot wall of the stope where we were working, hoping to find the rest of a vein that was pinching out on us. And we got this stuff. Is it any good?"

"Is it good?" Again Old Undertaker Chastine looked over his glasses.

"That's just the trouble. It's too good—it's so good that it seems there's something funny about it. Son, that stuff assays within a gram, almost, of the ore they're taking out of the Silver Queen!"

"What's that?" Fairchild had leaped forward and grasped the other man by the shoulders, his eyes agleam, his whole being trembling with excitement. "You're not kidding me about it? You're sure—you're sure?"

"Absolutely! That's why I was so careful for a minute. I thought maybe you had been doing a little high-grading or had been up there and sneaked away some of the ore for a salting proposition. Boy, you've got a bonanza, if this holds out."

"And it really—"

"It's almost identical. I never saw two samples of ore that were more alike. Let's see, the Blue Poppy's right (Continued on Page 17)

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## Letters Fresh From the Field

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

### Asks a 50-Cent Duty on Wheat

I notice whenever our wheat gets up around \$1.30 a bushel in Chicago, they dump a few million bushels of Canadian wheat on this side of the line and down goes the price. If there ever was a time the American wheat farmer needed help it is now. And if Congress waits until the wheat is all out of the growers' hands, it can't do them any good. The time to act is now. We need a duty of 50 cents a bushel on wheat instead of 30 cents.

It looks bad for our young American farmers to go broke and leave the farms, and that is what is going to happen to about two-thirds of them if they do not get some relief right away.

George W. Dittmore.

Severance, Kan.

### More Trees for the Farm

My greatest mistake in farming and one that most Western farmers are making is that we neglect to plant trees. If I had set out 50 fruit trees 12 years ago instead of last spring, today we could have had a fine bearing orchard.

Most people think that it is necessary to irrigate trees to get them to grow, but that is a mistake. The thing that is necessary is never to let a weed get big enough to show four leaves. In other words, don't ever let them get started. Cultivation after every rain is worth more than an irrigation.

The trees I set out last spring made a wonderful growth and went thru the driest season we have had since 1913 and without irrigation. Of course they will not bear every year, and possibly only about once in three or four years. The frost will look after that part of it but the improvement in the looks of the farm will pay for the work and time invested.

Marion D. Lashy.

Stonington, Colo.

### Purebreds on the Farm

We started six years ago on a rented farm with four grade cows and 12 White Rock hens. Now we own an 80-acre farm and have 10 head of registered Jersey cows, three grades,

and about 400 White Rock hens and have no mortgage. Now, don't be misled; it wasn't grain farming or just plain farming that did it.

In the first place, we have worked, and second, we believe in specialization. We bought registered heifers with our first cream checks. Then when we picked our farm, we took one where we could raise alfalfa, and adopted the slogan "Don't keep cows and chickens. Let them keep you." We feed every grain and leaf produced on the farm, keep most all in alfalfa. Milk the cows and raise the chickens. Our produce is sold directly to consumers, except eggs and stock sold for breeding purposes. We deliver eggs, butter, fries or hens, buttermilk and whipping cream every Saturday to our local trade.

F. P. Applebaugh.

Cherryvale, Kan.

### The Farmer Should Fix Prices

There is no need of farmers getting in the ruts they are in today, for they have the same right to demand a price for their products as the merchant and manufacturer. They have made themselves believe that they ought to take the price the other fellow places on his products. If he does he comes out loser in the windup, but if he gets no compensation for his labor except a bare existence, and most farmers owe more than they have made, he had better live more economically and avoid debt as much as possible.

No nation can prosper without the farmer, for he is the backbone of a nation, and when he is oppressed and kept down by unjust taxation and high cost of living, and is compelled to take the price the other fellow places on his products, he becomes disgusted with the farm and wants to give up his job for something better. However, if he only knew it, he has the most independent living of any vocation in life, for he is never out of a job if he is an industrious farmer, and when he wishes to take a day off he is at liberty to do so without having the fear of being fired.

The trouble with many farmers as well as wage earners, is that they have gone too deep in debt for expensive cars that they use only to ride to town when something cheap would answer the purpose and save the worry of meeting the bills. It is the best policy to avoid debt as much as possible, for a contented mind is worth more than money.

Beatrice Snowden.

Stone City, Colo.



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P. S. Possibly you may want to make some relative or friend a Christmas Present.



# Our Kansas Farm Homes

*Mrs. Ida Migliario*  
—EDITOR—

## Shawnee County Club Women Wind Up a Pleasant and Profitable Year With Merrymaking

**M**ERRY calls of happy children, clear ringing notes of care-free laughter and glad-some murmurs of cordial greetings drifted thru the windows of Indian Creek Grange hall, Shawnee county, on the twenty-second of November. The occasion was the annual party of the county federation of rural clubs and 250 women were there. Such an attendance was an expression of the appreciation of the splendid work which Julia Kiene, home demonstration agent, has done during her four years of untiring service.

Amidst the merry making were to be found exhibits of the handiwork of the members. Handmade hats of wonderful workmanship told a story of organization and team work with which Maud Finley, millinery specialist from the Kansas State Agricultural College, district and local leaders in the county, individuals and Mrs. Kiene are to be credited. The club from Pauline took the honors.

### Mrs. Kiene Suggests Christmas Gifts

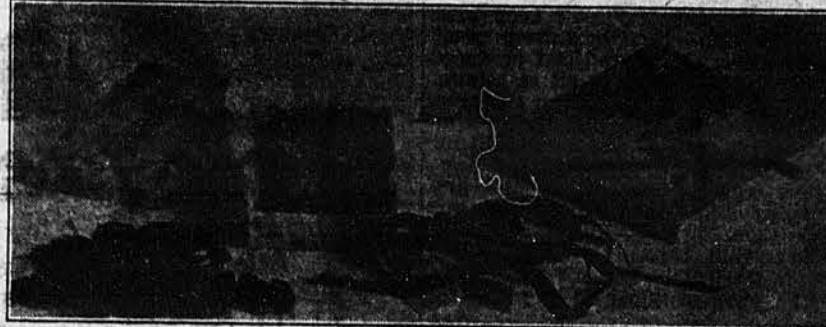
Suggestions for Christmas gifts, most of them prepared especially by Mrs. Kiene for the occasion, were

**K**NOWLEDGE and wisdom, far from being one,  
Have oftentimes no connection. Knowledge dwells  
In heads replete with thoughts of other men,  
Wisdom in minds attentive to their own.  
Knowledge is proud that he has learned so much;  
Wisdom is humble that he knows no more.  
—William Cowper.

unique. Plant props, tinted weeds to give that splash of color needed for the house on gray wintry days, vases which proved to be enameled bottles, glass bowls obtained from the "dime" store and touched up with colorful enamel, clothespins transformed into curtain holders, curtain pulls made from spools, a reading lamp with a handmade shade and a bowl which was formerly that of the parlor kerosene lamp, wax paper cups tinted for use as gift jelly glasses, cartons splashed with color to serve as containers for that gift of jam or preserves, are only a few of the practicable suggestions.

### The Nursing Specialist Speaks

A feature of the program was the interesting talk given by M. Pearl Martin, nursing specialist. Miss Martin discussed her plans for 1924 and the women were pleased to know that Shawnee county is to have a definite amount of health work during the coming months. The clubs have the privilege of choosing the type of work to be presented in their communities. After Mrs. Kiene and Miss Finley out-



**E**NGLISH walnut kernels make us think of all kinds of delicacies. Most of all they make us think of Christmas candies and cakes, but did you ever think of just plain English walnut kernels as Christmas gifts? They make excellent ones. And you need not dress them up one bit for they are good in themselves. But they should be packed in Christmas boxes. Line the box and cover with the wax paper. Tie the box with holiday ribbon—and who could wish a prettier or more appetizing gift?

lined their plans for next year the officers of the county federation were introduced and then we had a little style show. Those who were wearing the dresses they had made in their dressmaking classes posed for us. Attractive frocks and excellent needlework were the unanimous comments.

And the food? Delicious—is all that can be said except that the women served 250 in less than 2 hours. It was table service, too, not cafeteria. Mrs. Ida Migliario.

### Flour Can is Out of Sight Now

One woman in the Glenwood Community Club, Leavenworth county, has no kitchen cabinet, and the large lard can in which she keeps her flour always seemed to be in the way. But when she entered the home improvement campaign, she put more thought on the arrangement of her kitchen and evolved this idea: The can was put on a little truck with wheels which slides under the kitchen work table.

### Comfortable Working Surfaces

Mrs. J. W. Timmons of Baxter Springs says she was tired of working on her tiptoes so she cut 3 inches from her kitchen table legs and replaced part of this amount when she added casters. "Now," says Mrs. Timmons, "I can work easily and do not have to strain or reach in order to work at my table, also the table moves so easily that it is no effort at all to have it anywhere that I wish to work."

Another Kansas woman says she added the casters to her table in order to add to the height so that she might stand erect while she worked instead of bending over the task. This seems a small matter but it is much easier to work when in a comfortable position. A good rule to follow is to have the working surface high enough so that when standing erect the palms of the hands can be laid flat on the table.

Most tables coming from the factory are 30 inches high to fit the woman of average height which is 5

feet 4 inches. Some women forget to stop growing when they reach 5 feet 4 inches and therefore find the 30-inch table much too low. On the other hand, some women become tired of growing before they ever become tall enough to work over the average table from the factory, hence these shorter workers must lower their tables to fit their needs. Mrs. Harriet W. Allard.

### Two Ways to Can Meat

Meat may be canned successfully by either of the following methods providing the lids and jars are not defective and new rubber rings are used. These methods have been adapted from the United States Government bulletins.

Method No. 1—for poultry and game birds. Kill, draw, wash and cool fowl. Cut into sections, place in kettle, cover with hot water and boil until meat can be removed from bones. Pack closely into sterilized jars, add 1 teaspoon salt to every quart and fill jars with liquid in which meat was cooked. Adjust tops and partly tighten. Place in water bath and boil 3½ hours or 1 hour at 10 pounds pressure if using a steam pressure cooker. Remove jars, tighten tops, label and store.

### Fowls May Be Fried or Roasted

Method No. 2. Pack raw meat, cut in the customary sections, into sterilized jars. Add 1 teaspoon salt to every quart and fill jars with boiling water. Adjust tops and partly tighten. Sterilize 4 hours in a water bath or 1 hour at 10 pounds pressure if using a steam pressure cooker. Remove jars and tighten tops. Label and store.

If one wishes she may fry or roast the fowl before packing. Do not use flour but season and cook until the meat is about one-half done and well browned.

### Watch Your Winter Plants!

It does seem as tho plant enemies would be content to get in their work in the open garden and leave house plants alone. But the truth is these

must be watched even more carefully than out-door plants because we must detect the first sign of insects and rid the plants of them before there is an opportunity for increase.

Mildew comes from careless watering, and the mistake of keeping the soil soggy. If the roots of a plant turn yellow, examine it carefully and if no trouble is found, repot the plant in new earth. I find it a good plan to take a basket of good rich earth from the garden into the basement in the fall as well as a bucket of sand for they often are needed in the winter.

Aphids are the insects most likely to attack potted plants. These are a tiny light green or dark green plant lice which increase very rapidly. The insects will spread from one plant to another unless checked. They are really a fly for at one time in their life they have wings. The smoke and fumes from burning tobacco will kill them, and once destroyed they are not likely to appear again the same season.

When these pests are found on a plant, place the pot under a box where there is a pan of burning tobacco, and leave only a few seconds. If left too long, the plant as well as the aphids will be killed. Never fumigate a plant when it is in bloom. The morning after, syringe it well with lukewarm rain water. The pepper plant is easily infested with these lice, and when found, the pot should be removed from among the other plants until the insects are destroyed.

Mrs. Anna Deming Gray.

### Domestic Grinders for Farms

During the war when it was impossible to buy flour without buying a large number of substitutes, quite a few farmers bought domestic grinders and ground their own wheat. This, of course, made a whole wheat flour, but it was very satisfactory. The grinder would be just as practicable on the farm today as it was during the war, for corn, rice and all other grains can be ground with it. Delightful breakfast food combinations also can be made with it for it will grind grain just as coarse or as fine as you wish it. The machine is small enough to fit on any pantry shelf.

### Happy Hours at Home

Setting aside one evening every two weeks for special entertainment at home will help to make your home life happy. A big dishpan of popcorn, a pan of doughnuts or dish of baked apples to serve will make the evening more pleasurable. Then invite in a neighbor. Gather around the piano and sing some familiar songs, or gather around the fireplace and have grandfather tell stories of pioneer days. Games in which the entire family joining might be played. This would be worth while entertainment and would bring happy hours to both parents and children. It will give your children some happy hours which they will remember and treasure all their lives.

Clay County.

Ellia Hill.



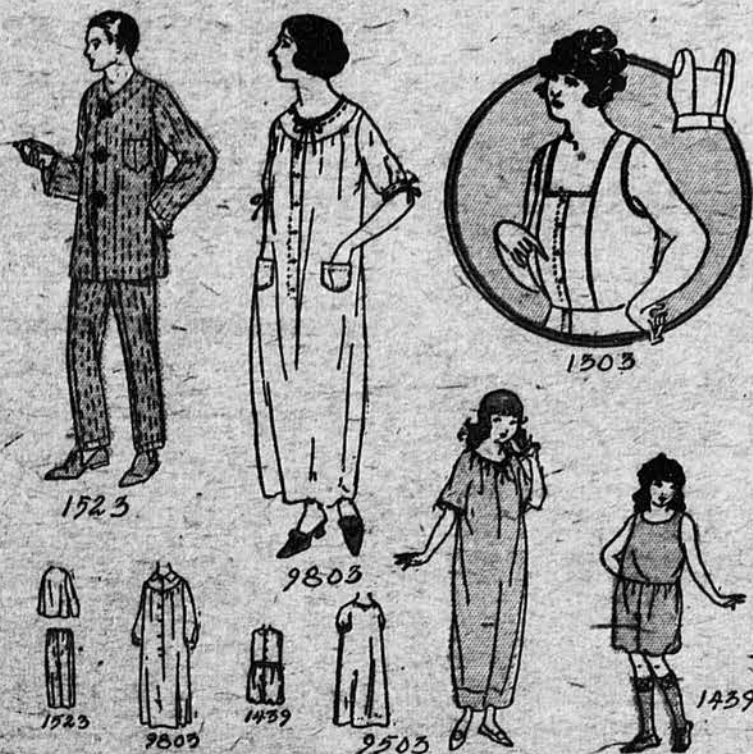
Two Hundred and Fifty Shawnee County Women Enjoyed the Annual Federation Party Held Recently at Indian Creek Grange Hall



## Five Wardrobe Essentials

This Corset Cover Tends to Slenderize the Woman Inclined to be a Bit Heavy

BY MRS. HELEN LEE CRAIG



**1523—Men's and Youth's Pajamas.** This pattern is simple to follow. Sizes 16 years and 36, 38, 40, 42, 44 and 46 inches breast measure.

**9803—Comfortable Nightgown.** Those who prefer a gown with sleeves will like this one. Sizes 16 years and 36, 40 and 44 inches bust measure.

**1303—Tight Fitting Corset Cover.** The woman of ample proportions will be delighted with this corset cover. Sizes 36, 38, 40, 42, 44, 46, 48 and 50 inches bust measure.

**9503—Girls' Nightgown.** The daintier little sleeping garments are made, the better little girls will like them. Sizes 1, 2, 4, 6, 8, 10, 12 and 14 years.

**1439—Girls' Bloomers.** Bloomers have become as necessary to the little girls' wardrobe as her dress. Sizes 2, 4, 6, 8, 10, 12 and 14 years.

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

## Farm Home News

BY MRS. DORA L. THOMPSON

ONE daily paper offers a prize each Friday for the best recipe for a specified dish. The prize winning recipe for a dessert was a baked apple recipe. The variation suggested was that the core space be stuffed with raisins, nut meats and sugar. When cooked, the apples should be covered with whipped cream. This is a very satisfying dessert and one easily prepared.

### Boys Make a Medicine Chest

The manual training class in our county high school has at times made self feeders and hoppers for farmers. The class is glad to have the practice work and the farmers are glad to pay for the materials used. They have promised to make us a medicine chest, ready for our next health meeting. The chest is to be 36 inches high, 18 inches wide with the door shelved to form half the chest. Deep shelves in a chest or cabinet are a decided inconvenience.

It is our aim to keep all the necessary remedies in this chest in such a way that even a stranger could find them. At present we know where all drugs and medicines are to be found but we feel certain a professional thief would have trouble locating some of them. It does not require a professional cabinet maker to make a chest of this order. A handy man using a dry goods box for lumber could fashion a similar one.

### Two Pin Money Propositions

Two farm women in our community have earned pin money this fall in ways that others might use on a larger scale. One secured quantities of cull apples and cider. From the combination she made apple butter, put it in small jars and sold it, with other products, to boarding houses, clubs and private families.

The other pin money was earned by making green tomato pickles. Usually

a large part of the green tomatoes left on the vines when frost nips them is wasted. A bridge building crew, hungry for variation in its diet, furnished the ready market for pickles.

### Comfort Tying With Ease

Quite recently we saw a neighbor using the leisure time in the evening tying a comforter. She wasn't using the whole floor space with the comforter in frames, nor did she have it rolled up as we generally have done. Instead, she had placed the comforter in the frames long enough to run smooth finished threads the width of the comforter and as far apart as she wished to tie. These stitches, when clipped open, gave ends to tie. She was able to sit comfortably in her chair and tie the comfort with ease. The comfort had a filling of half wool and half cotton. Many think the all wool filling well worth the additional cost.

## Women's Service Corner

Our Service Corner is conducted for the purpose of helping our readers solve their puzzling problems. The editor is glad to answer your questions concerning house-keeping, home making, entertaining, cooking, sewing, beauty, and so on. Send a self addressed, stamped envelope to the Women's Service Corner, Kansas Farmer and Mail and Breeze, and a personal reply will be given.

### Practicable Kitchen Utensils

Can you give me a list of small kitchen utensils that every housewife should have? I am expecting to be married soon and should like to have them in my hope chest. —Miss Rose D.

Lack of space prevents my publishing a list of kitchen utensils but if you will send me a self addressed, stamped envelope, I shall be glad to send one to you.

### A Good Way to Remove Scorch

Is there any way that a scorch can be removed from a white material other than washing it? —Mrs. M. L.

Try using peroxide. Soak a cloth in it and place over the scorch. Then run a medium hot iron over the cloth and the scorch will disappear.

## COLGATE'S

Gifts that are  
Sure to Please

WE pass on to you Oliver Wendell Holmes' opinion that memory, imagination, old sentiments and associations are more readily stirred by a fragrance than by almost any other means.

The pleasure of a Colgate gift, with its fragrant loveliness, will stir the memory and live in sentiment long after the gift itself has yielded its last precious remnant.

COLGATE & CO.



Colgate's  
Cashmere Bouquet Soap  
"Here's flowers for you"—  
Verbena, mignonette, lavender  
these does the fragrant  
Cashmere Bouquet suggest

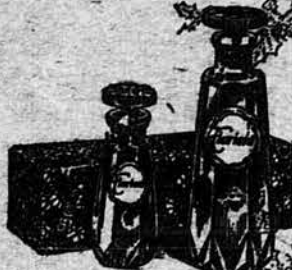
3 cakes



### Florient Combination

"A box where sweets compacted lie"

A trio, Florient scented—  
Powder, Rouge, Extract.  
A gift box de luxe. \$2.50



### Colgate's Florient

"And a thousand fragrant posies"—MARLOWE  
Golden sunshine, silver seas, and  
breeze-kissed flowers—breathing the  
languid soul of the Orient—Florient.

Extract \$1.00 to \$10.00  
Toilet Water \$1.50

A cheery red tube  
of Ribbon Dental  
Cream for each  
stocking. 25c



### Colgate's Compact

"Mingling light and fragrance"

Here is a dainty one—  
powder, puff and mirror.  
Ebony black, golden  
border. Can be mono-  
grammed at slight cost.  
\$1.00

### Other Suggestions

For Her: Charming fragrances: Monad Violet—Orchis—Eclat. Gift boxes of Colgate's toilet articles all scented alike—Charmis Cold Cream, Cha Ming Powder, dainty soaps, powders and creams. For Him: Rapid-Shave Cream or "Handy Grip" Stick—Lilac Imperial toilet water so refreshing—Colgate's Talc—Cashmere Bouquet or Coleo Soap.

## Buy His Gift Now!

For husband, father, brother  
or sweetheart, get—



No rubber to rot. Patented U-shaped  
Phosphor bronze springs give easy,  
lasting stretch. Year's  
Wear Guarantee makes  
them a lasting gift article.

Suspenders, 75c  
Wide Web Garters, 50c  
Combination Gift  
Package, \$1.25

Ask Your Dealer  
for Nu-Way Combination Gift Package of  
Suspenders and Garters or for Suspenders or  
Garters in individual packages. If he can't  
supply you, send direct, giving Dealer's name.

"A Full Year's Wear Guaranteed in Every Pair"  
Nu-Way Stretch Suspenders & Garters  
Mfg. Co., 111 E. Washington St., Chicago, Ill.

## PATENTS

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## 1,000 Saleswomen Wanted Immediately

The Copper Publications now have positions open in practically every small or medium sized town throughout the Central western states where women may earn steady, substantial incomes. The work is interesting and leads to many opportunities for advancement.

Previous selling experience desirable, but not required. Only honest, truthful, respectable women wanted. We prefer those who can work six days in the week, but many are making good who give us only a part of their time.

This is not an experiment. Our selling plan has been used successfully for years. We furnish complete instructions, so that any person with ordinary ability can make good from the start. Full particulars and application blank furnished on request.

Dept. 300, The Copper Publications, Topeka, Kansas.





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Always Available to  
Poultry



FOR POULTRY

### Money in Your Pocket

EVERY day more poultrymen are using Pilot Brand Crushed Oyster Shell-Flake for poultry. This fast growing national popularity of Pilot Brand is due to its capacity for forcing more, harder shelled eggs—its wonderful bone building and health giving properties—its low cost per hen fed, and to the important fact that Pilot Brand is real crushed oyster shell and contains no dirt, no clam shells, no waste of any kind.

Always uniform in quality, Pilot Brand is packed in new 12-oz. 100 lb. burlap bags. Sold in chick and adult sizes. If your dealer hasn't it, write us, sending his name.

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PRODUCTS CORP.

Security Building  
St. Louis, Mo.



Send Name  
for new fur book

Fully Illustrated,  
Furs From Our Stock  
or Tanned From Your Hides

Get your copy AT ONCE. Faithfully pictures and describes newest styles. NATIONAL low prices, and our complete service. Thousands each year order from our complete stocks—or ship their hides and skins for tanning and making up into the most luxurious fur garments, robes, leather, etc. The old reliable NATIONAL tanneries are the largest and best manned in the West. Extensive business permits employing highest skilled furriers and making lowest prices. SAVE HALF by sending here.

**HIDES TANNED** Your hides acquire highest value when we tan and make them up into fine fur garments. Your request for catalog brings tags, complete shipping instructions, etc. Send in your name RIGHT NOW.

**National TANNING CO.**  
1922 South 13th Street, Omaha, Neb.

## Hides Tanned

Hides are very cheap so have them tanned and made into Fur Coats, Robes, Harness and lace leather; also Furs made into Fur Sets, etc. Get our free catalogue with low prices. All work guaranteed and 4 weeks' service.

**KANSAS CITY TANNING CO.**  
219 Main St. Kansas City, Mo.

**for LEATHER**  
**HIDES** Fur Coats—Robes  
Have your cow or horse hides tanned into genuine harness leather, or made into warm, serviceable fur coats or robes. Thousands waiting to you.  
Thousands of farmers had no tan cover their buildings, sheds or outhouses for years. Take advantage of your opportunity. Write for catalog TODAY.  
**FREE 600K** **OMAHA TANNING CO.**  
4215 23rd St. Omaha, Neb.

## Dressing Pork For Home Use

Only Healthy Hogs Weighing From 200 to 250 Pounds Should be Selected For Slaughter

BY DAVID L. MCINTOSH

DURING the early part of the Nineteenth Century the home curing of meat was about the only way in which the family meat supply could be prepared. Later, the development of the packing industry greatly reduced the amount of home cured meats, but during the last few years there has been an increasing demand for the old fashioned home cured hams and bacon.

There is nothing strange or mysterious connected with the slaughtering and dressing of livestock and the farmer can supply himself easily and possibly some of his neighbors with fresh meat, the greater part of the year and at a cost a third below that of the retail market.

### A Profitable Enterprise

The ease with which hogs can be slaughtered, their high dressing percentage, the wide variety of cuts and many ways in which they can be prepared, together with the high palatability of pork, make the home slaughter of hogs a profitable pastime.

Only hogs weighing from 200 to 250 pounds and in a healthy, gaining condition should be selected for slaughter, animals of this type will dress out a high class carcass, which will be tender, well flavored, and keep better than either a lighter or heavier carcass. An unhealthy animal should never be slaughtered for human consumption as the disease might prove injurious, but more particularly on account of the stringy, watery condition of the flesh of a hog losing weight.

Hogs should be kept off feed 24 hours before slaughtering. They will then bleed easier, dress easier, and the meat will be of a better quality. Never treat an animal roughly, or let it get heated before killing. All bruises will show on the carcass, and overheating will prevent thorough bleeding.

The only desirable way to kill a hog is by sticking; shooting or stunning before sticking retards the bleeding. The best position for a hog, while sticking, is square on its back. One man straddling the hog, with his legs firmly placed just back of the shoulder points, and holding the front feet in both hands, can easily hold a hog on its back. The man who does the sticking should grasp the animal by the jaw so as to hold the head firmly. An incision from 2 to 3 inches long should be made from the point of the breast-bone forward.

### How To Use The Knife

The knife should be held out about an angle of 45 degrees, with the backbone, the point towards the tail, and inserted to a depth of about 4 inches under the breast-bone, in order to cut the main arteries where they branch and thus drain the system. Care must be taken to make the cut on the median line and not go too deep so as to avoid sticking the shoulder or cutting into the chest cavity.

Where a sufficiently large tank is not available for scalding a barrel set at an angle of 45 degrees, and resting against a platform or table, will serve the purpose. The water should be heated to about 160 or 170 degrees Fahrenheit. When no thermometer is at hand, an easy test is to draw the finger thru three times in rapid succession and if it smarts the third time the water is about right. If hotter water is used, the hair may set, in which case one has to resort to shaving the hair off. A little concentrated lye or soft soap in the water, will aid in removing the scurf. When a barrel is used, the hind end of the hog should be scalded first.

The animal should be kept moving while in the water to prevent any part resting against the sides. As soon as the hair is loose, remove the hog from the water and scrape the body clean. The feet and head should be scraped first as they usually are the hardest. When the body is clean, cut open the tendons of the hind legs, insert the gambrel and hoist. The carcass should then be washed with warm water, scraped with a knife, then

washed off with cold water and dried.

To remove the intestines, cut down the midline, being careful not to cut any of the entrails, next cut thru the pelvic bones and loosen the rectum. The stomach, intestines and liver may now be easily removed by loosening and cutting the gullet as soon as pulled up far enough. Next remove the tongue by cutting on each side of it, just inside the jaw bone. Cut thru the breast-bone to meet the first opening and remove the heart, lungs, esophagus and windpipe by cutting the diaphragm.

Wash the inside thoroly, loosen the leaf lard and allow to cool thru. Cooling is hastened to some extent if the carcass is split down the middle of the back. If the outside is allowed to freeze before the carcass is thoroly chilled, there will be some animal heat retained in the center, which may cause the meat to sour. Therefore, care should be taken not to permit freezing until the carcass is chilled thruout. After chilling, freezing makes a very convenient form of preserving the meat, tho it may reduce the flavor and palatability slightly. When cooled, the sides may be cut as desired, either into small cuts or into the regular pork cuts.

### Trapping a Form of Education

Give a little attention to this business of trapping and you will see how it holds a liberal business education for that boy of yours—the apple of your eye! He will be getting his training in such a fascinating way that he will never realize that he's being taught; and do you know of any better way of teaching?

Watch the way he sails into this business venture of his. He is out on the big job before and after school with an enthusiasm that will warm your heart. Who ever saw a red-blooded youngster without a down-right itch for nature—the woods and its inhabitants?

Think it over a little, and you will see it will broaden him and at the same time make him a real fan for the country.

That boy is embarking on an honest-to-goodness business of his own; so his chest swells a bit—as is proper and healthful—when he realizes this. He studies the fur lists from the big fur houses, figuring out in his own way where is the best market for his product—which firm looks like the squarest deal for him. Developing a little competitive alertness right there, you see.

The thing fascinates him. Imposing checks are made out in his name. He needs more traps and bait—he orders them by mail and he takes care of his income, appreciates it and makes it work for him.

He now has an interesting market to study, just as his Dad has. He's a producer. Progressive, to be reckoned with! His affairs are bringing him in touch with the outer business world in a way that will be invaluable to him when he takes over the farm and has to watch his step every day as you do now.

His fur houses keep in touch with him, instructing him not only in every marketing advantage, but in the conservation of his assets. He learns that he can't expect to have any business left if he doesn't look ahead—use sense in the matters of how and when he traps and how to guard and stimulate the increase of the fur bearers that his business relies on. He not only acquires foresight, but in this phase of the business he's wrapped up a lot of sound, manly principle.

Give him his start this way: Lend him enough to buy the few essentials necessary for a start. Let him exercise his ingenuity to get more complete equipment as his needs become greater. See that he gets in touch with the reliable fur houses that advertise in your own farm paper. Watch the gleam in his eye when you tell him you expect him to take up that note promptly when due.

He'll never grow up a piker!

Send us kodak views of your homes and home conveniences.

## TRAPPERS Ship Direct

Send every pelt you have at once; Furs in great demand now at the Mammoth Fur Sales conducted by

**Taylor**  
BEST FOR FIFTY YEARS

IN ST. LOUIS SINCE 1871

World's Leading Buyers attend Taylor Mammoth Fur Sales assuring full market prices for every lot sold.

PRICES HIGHEST HERE

Send for Price List, Shipping Tags and Market Reports FREE—WRITE

F. C. TAYLOR FUR CO.  
170 Fur Exchange Bldg. ST. LOUIS, MO.

## Furs Wanted

We are not the oldest or the largest fur house, but we do claim to be one of the squarest houses you ever shipped to.

Split Your Shipment  
Grade for Grade

Send us half your furs and send the other half to your favorite house.

Let the Check Tell the Story  
Satisfaction Guaranteed

Become one of our satisfied shippers.

Also send us your poultry and eggs.

Cheeps furnished free to your station.

The Consumers' Fur Company

113 E. Missouri Ave., Kansas City, Mo.

Reference Produce Exchange Bank.

## MONEY for FURS Before You Sell

Get your fur check before you sell \$500.000 paid in advance! Highest Prices Guaranteed! See your check first! Send for information! "Trapper's Exchange" FREE Monthly trapping secrets, game laws, stories, etc. Lowest prices on supplies. FREE Souvenir 10,000 marks real Foreign Money with 51 or more Trapper's Supplies. Send for catalog 77 E. W. BROS & CO., 7732 Maple St., Kansas City, Mo.

## Hides Tanned

Save 25% to 50% on fur overcoats, robes, fur garments. Send a hide or skin to GLOBE and get a garment for the price of making only, in quickest possible time. We have pleased farmers since 1904. Write for this new GLOBE catalog. GLOBE Tanning Co. 2458 E. First Street Des Moines, Iowa

## Make \$15 On Your HIDES

Your hides are worth that much to you when converted into coats, robes, or harness leathers.

You don't have to sell your hides at present low prices. Write for our catalog with FREE samples of tanning.

**COWNIE** **COWNIE TANNING COMPANY** **DES MOINES, IOWA**

## NEW FARM TOOL

Harrow and seed in one operation. The Peoria Harrow, Alfalfa-Grass Seeder attaches to all sizes old or new harrows. Quick detachable. Sows clover, timothy—all grass seeds. Even distribution. Low down—no waste. Pays for itself on 20 acres. Cuts work in half. Write for low prices on this New Tool. **PEORIA DRILL & SEEDER CO.** 2431 N. Perry Ave. Peoria, Ill.



## ADVERTISEMENT

### Automobile Makes 27 Miles on Air

An automobile goes 27 miles on air by using an automatic device which was installed in less than 5 minutes. The automobile was only making 20 miles on a gallon of gasoline but after this remarkable invention was installed, it made better than 57. The inventor, Mr. J. A. Stransky, 389 Eleventh Street, Pukwana, South Dakota, wants agents and is willing to send a sample at his own risk. Write him today.



# Grading and Shipping Eggs

Eastern Markets Are Now Demanding More High Quality Stuff Than Can be Had

BY H. W. FITTING

MANY poultrymen and farmers with large flocks find it profitable at certain times of the year to ship eggs individually. Eastern markets at this time of year demand more high quality eggs than are produced. Shipping, however, is not a magic process that will bring high prices unless quality is produced. The average run of eggs as they are brought in from the farms do not bring top prices because they are not up to the standard demanded by markets outside of the state. Many shipping associations complain that they are not receiving top Eastern prices. This is not surprising since they are not supplying the quality demanded.

## Uniformity of Size and Color

Quality to high class markets includes not only the interior condition of the egg but also the outward appearance. These markets lay great stress on this factor. The interior quality of two lots of eggs being equal, the high class markets will invariably buy and pay more for the lot of eggs that has uniformity of size, shape and color. So the individual who is striving for highest prices for his eggs should bear this in mind and grade to satisfy this market. Many persons have received 10 to 15 cents a dozen less by selling locally than they would have received had they carefully graded and shipped their eggs. This lower local price is due in part to the fact that it is based on "mine-run" eggs, whose quality is inferior to that produced by some individual poultryman. Consequently the individual who is producing eggs above the average quality of these general run of eggs will find it profitable to market his product on an outside market that appreciates his quality.

## Standards for Grading

Eggs must be graded according to size, and color, and must be strictly clean. Extras are those eggs which are strictly fresh, clean and weigh about 25 ounces or more to the dozen. A family scales will give one an idea of the size eggs should be, to average this weight. For those who do considerable grading a small egg balance can be purchased for about 50 cents upon which each questionable size of egg may be weighed. All eggs that do not run 25 ounces but average 22 or better are classed as firsts and command a lower price than extras. Extremely large or long eggs should not be shipped because of the danger of breaking and soiling other eggs. Neither should thin or rough shelled eggs be shipped.

If the shipper has both brown and white shell eggs it will add to their appearance and price to pack them separately. Spotlessly clean eggs should be striven for since they attract high class markets which pay fancy prices. Clean litter on the floor and in nests, clean dropping boards, and sufficient nests, all help in reducing the number of dirty eggs. When yards are muddy, gathering eggs before turning the hens out, will greatly decrease the number of "dirties" at such times.

## Packing and Marketing

Eggs for shipment should be packed in new standard 30 dozen cases with new fillers and flats and six excelsior pads. The fillers should weigh not less than 3½ pounds to the set. No claim for breakage will be paid by the express company for eggs packed in second hand brown fillers. Careful grading, good fillers, and good cases will pay. Most breakage is due to the use of bad fillers and poor packing. The use of excelsior pads has reduced breakage 75 per cent.

In packing the eggs, first place an excelsior pad in the bottom of the case, then place a filler on this. It will be noted in the honeycomb fillers that two opposite sides of the walls surrounding the eggs are firm and the other two opposite sides are flexible.

The sides of the filler that are flexible should run parallel to the sides of the case. This lessens chance for breakage on the cars, since the egg cases are piled in the cars with the sides

of the cases parallel to the sides of the car. This method allows the firm part of the filler to hold eggs against the sudden jars caused by stopping and starting of the train. Place the eggs in this filler with the small ends down, imbedding themselves in the excelsior pad. On top of the first layer of eggs place a flat followed by a filler, again placing eggs small ends down.

Pack the third and fourth layers the same as the second. Directly on the fourth layer place another excelsior pad packing the fifth layer of eggs directly on this pad, in the same manner as the first layer. On this top layer place another excelsior pad. The cover should be nailed on with five three-penny large headed nails at each end, but none in the middle. This leaves a bulge in the center of the case that absorbs shocks, yet holding the contents firmly.

At each end of the case place a tag bearing shipper's and receiver's address.

## The Cross-Cut

(Continued from Page 12)

up Kentucky Gulch, not so very far away from the Silver Queen, isn't it? Then there must be a tremendous big vein concealed around there somewhere that splits, one half of it running thru the mountain in one direction and the other cutting thru on the opposite side. It looks like peaches and cream for you, Son. How thick is it?"

"I don't know. We just happened to put a drill in there and this is some of the scrapings."

"You haven't cut into it at all, then?"

"Not unless Harry, my partner, has put in a shot since I've been gone. As soon as we saw that we were into ore, I hurried away to come down here to get an assay."

"Well, Son, now you can hurry back and begin cutting into a fortune. If that vein's only four inches wide, you've got plenty to keep you for the rest of your life."

"It must be more than that—the drill must have been into it several inches before I ever noticed it. I'd been scraping the muck out of there without paying much attention. It looked so hopeless."

Undertaker Chastine turned to his work.

"Then hurry along, Son. I suppose," he asked, as he looked over his glasses for the last time, "that you don't want me to say anything about it?"

"Not until—"

"You're sure. I know. Well, good news is awful hard to keep—but I'll do my best. Run along."

(TO BE CONTINUED)

## Capper's Weekly Ten Cents

Capper's Weekly will entertain the whole family. You will enjoy and profit by the editorials and articles by U. S. Senator Arthur Capper and T. A. McNeal. Your wife will profit by the household hints and fashion page, and the children and grownups, too, will delight in the children's page. Its health articles by Doctor Copeland will prevent much suffering in your family. All will enjoy the stories, snappy articles and cartoons by famous artists. A journal of progress and welfare and champion of a square deal for all of the people. Readers will receive this paper for eight weeks by mailing ten cents to Dept. 27, Capper's Weekly, Topeka, Kansas. A new serial story starts soon. Therefore you should send in your order at once.—Advertisement.

Write us about your success in marketing poultry and eggs, and we will pay you for all the letters we accept and publish.

Hot air heat is hard on most house plants. If their foliage is sprayed frequently with water thru an atomizer they will be greatly helped.

Punctuality in feeding and watering the stock is very important. They will worry and lose flesh if kept waiting beyond the regular time.

## Get Winter Eggs!

See to it that there is song and cackle, scratch and action, going on in your poultry yard.

That's when the eggs come.

Feed

Dr. Hess Poultry

## PAN-A-CE-A

See them get busy. It gives hens pep.

Nux Vomica is what does it—that greatest of all nerve tonics. A Pan-a-ce-a hen can't hold still. It's her good feeling that makes her hop around.

Pan-a-ce-a has Quassia in it to make hens hungry. Great combination! One makes them eat—the other helps them digest what they eat.

No dormant egg organs when that combination gets to work on a hen's system. You just get eggs—eggs.

A Pan-a-ce-a hen is always a hungry hen—an industrious hen. She gets off the roost winter mornings, ready to scratch for her breakfast.

Tell your dealer how many hens you have. There's a right-size package for every flock. 100 hens, the 12-lb. pkg. 200 hens, the 25-lb. pail 500 hens, the 5-lb. pkg. 500 hens, the 100-lb. drum For fewer hens, there is a smaller package.

GUARANTEED

DR. HESS & CLARK Ashland, O.

Dr. Hess Instant Louse Killer Kills Lice



I spent 30 years in perfecting Pan-a-ce-a.  
GILBERT HESS  
M.D., D.V.S.

You Can Raise Chickens With Profit and Ease BY USING

## SURE HATCH INCUBATORS-BROODERS

Many farmers are making more clear money and getting it quicker from poultry than any other farm product. Because of the nice profit and quick returns the poultry trade is expanding rapidly.



WE PAY FREIGHT

Popular Sizes: 100, 150, 200 and 300-Egg Big oil tank on large sizes. Easy to operate. No experience necessary. Complete instructions with each machine. Thousands of Sure Hatch go into new hands every year, and old customers buy additional machines.

Sure Hatch Fresh Air Colony Brooders raise them all. The chicks you raise are the ones that bring in the money. Coal and oil-burning brooders. Eastern and Southern trade promptly supplied from Chicago, Ill.

Low Prices and Strong Guarantee Send for Our Free Catalog SURE HATCH INCUBATOR CO. Box 14 Fremont, Neb.

Let the "SUCCESSFUL" RELIEVE YOU OF HATCHING WORRIES

Mail a postal—Get our offer. Poultry lessons free to every buyer. Booklet, "How to Raise 48 Out of 50 Chicks," sent free on request. Catalog FREE. Make green, egg-making feed in "SUCCESSFUL" Grain Sprinklers. Des Moines Incubator Co., 346 Second St., Dr. Moines, Iowa

## HEALTHY CHICKS

Real quality chicks from high grade stock. Carefully selected for heavy egg production, size, weight and color. 15 leading breeds. Strong, sturdy chicks. Postpaid. 100% live delivery guaranteed. 40,000 hatched each week insures prompt shipment, best quality, low prices. Special prices on large quantities and mixed breeds for dealers. Big illustrated catalog Free. Smith Bros. Hatcheries, Box 64 Mexico, Mo.

## More Money from Eggs!

You can easily make \$1000 to \$2000 per year RIGHT with the new Radio Round Hatchery. It's wonderful patented features. Only 5 minutes a day for everything. 4 qts. oil to hatch. Also hen's nest, built round, no cold corners. Live best and moisture to every egg. Prices WAY DOWN now. Freight, express prepaid. FREE Egg & Poultry Record. Feed low-priced wheat to chicks, get big prices. Success assured if you keep accounts. Egg and Poultry Record sent FREE with RADIO ROUND catalog. Write Radio Round Incubator Co., 3612 Bay Street, Wayne, Mich.

ROUP \$1.25 will bring prepaid enough medicine to cure 200 hens of roup. Money back if we fail. Dr. L. A. Schmidt, Poultry diseases a specialty, West Point, Iowa.

## QUALITY Chicks & Eggs

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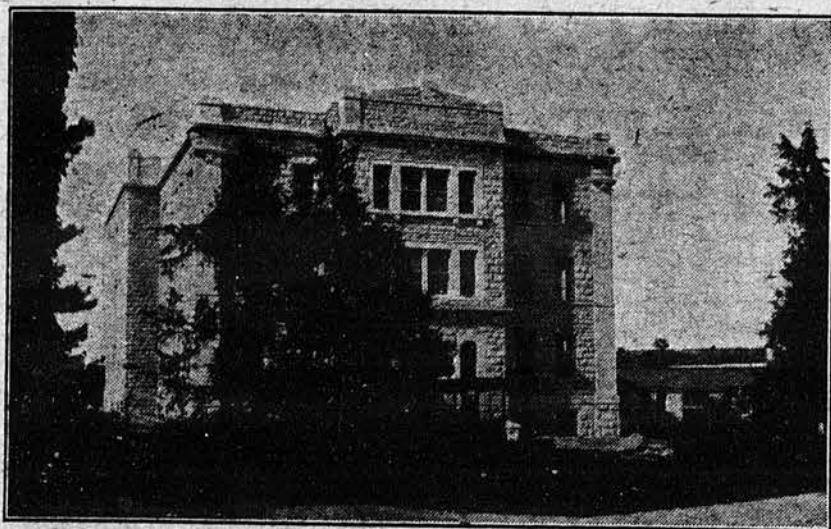




## Dairy Hints For Farmers

New Home of Dairy Department at the College  
Makes Much Better Work Possible

BY J. H. FRANDSEN



Here is a View of the New Home of the Dairy Department of the Kansas State Agricultural College at Manhattan, Kan., Recently Completed

THE accompanying photograph shows the splendid, new home of the dairy husbandry department at the Kansas State Agricultural College, which was dedicated November 2, 1923. The building and equipment cost about \$275,000. That seems like a lot of money, and some may consider it extravagant to spend so much money for a building of this kind. But is it?

The scope of the dairy husbandry department which is to occupy a little more than half of the building, is three-fold in nature: first, to better the productive capacity of Kansas dairy cows by the use of scientific methods in selecting, breeding and feeding; second, to increase the quantity and quality of dairy products by the application of scientific methods in dairy manufactures; third, to promote good health among the citizens of Kansas by the working out of more sanitary methods in the production and manufacture of dairy products.

A cow-tester working under the dairy department in a neighboring state reports that as a result of his efforts in instructing farmers in better breeding and feeding practices, the average production of cows in his association was increased 50 pounds of

butterfat annually. If a similar increase were made in the production of the 574,257 cows in Kansas, the income of the farmers of the state would be increased approximately 9½ million dollars.

Recent years have shown marked gains in efficiency in both economic and scientific methods as applied to the manufacture of butter and ice cream. An instance of this is the more efficient method of churning worked out a few years ago by one of our dairy departments. This enabled a buttermaker to produce fully 5 per cent more butter from a given amount of cream than was possible before this process was discovered.

But great as these financial increases may seem, they are of little importance compared to the gain in human lives that may be saved by the more universal teaching among the people of the state of sanitary principles in the handling of milk and other dairy products. This new dairy building should make for a better and more profitable dairy industry, and a healthier and better-trained citizenry. If it accomplishes these things, Kansas agriculture will be well repaid for its investment.



Here's a Hired Man Who Doesn't Need an Alarm Clock

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Capper's Weekly.....	1.00	all three only
Household .....	.25	
Value .....	\$2.25	<b>\$1.50</b>

#### CLUB No. 701

Capper's Weekly.....	\$1.00	20-Day Offer
American Needlewoman.....	.50	all five only
Good Stories.....	.25	
Household Magazine.....	.25	
Kansas Farmer and Mail & Breeze..	1.00	
Value .....	\$3.00	<b>\$1.65</b>

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KANSAS FARMER AND MAIL & BREEZE, TOPEKA, KANSAS:

Please find enclosed \$..... for which enter my order for the publications named in Club No..... as listed above, all for a term of one year.

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Address.....

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Not a toy, but a genuine automobile built for boys and girls. Don't miss this chance to get a real automobile without cost.

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Here is shown the first and only real automobile run by gasoline, built just for boys and girls. Does it look like a toy? Not on your life. It is a wonderful, speedy automobile that will carry you and your chums wherever you want to go, and carry you fast. You can run errands for your father and mother—the farther the distance the better you will like the job. You can hunt, fish and swim, you can camp out and get into sports and games far away. Full description and specifications will be sent you as soon as we receive your name and address.

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The fine part about this club is that every club member will be rewarded. Just as soon as you join the club, we will send you a big Christmas stocking crammed full of toys, games, story books, and many other articles that boys and girls like most. The Christmas stocking is something entirely new, and you will be surprised at the wonderful gifts it contains. These Christmas stockings are for club members only, so do not fail to join the Club at once.

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All you will have to do to join the club is to distribute only 2 packages of beautiful post cards on our fast selling introductory offer—fill out and return coupon today and you will receive full particulars, also post cards to be distributed.

Jimmie Rankin, 8th and Jackson Sts., Topeka, Kan.

Dear Sir: Please send me two packages of beautiful post cards to distribute, as I want one of the Culver automobiles described above.

Name.....

Address.....





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This Ma-Ma Doll Walks and Talks.

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She Looks Like A Real Baby.

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Dear Friend: I have gladly received my doll which is one of the loveliest dolls I have ever seen. She is like a real baby. Your friend,  
PATTIE BURNS.  
402 Jack St.

Lone Wolf, Okla.  
Dear Friend: I received my big Ma-Ma Doll a few days ago. She sure is sweet. I think she is the sweetest doll I ever had. I thank you very much for her. I have had a good time with her. I have made her two new silk dresses. She looks so cute. Thanking you again for my beautiful doll.  
Your friend,  
MARTHA HORTON.

## You Can Have This Ma-Ma Doll She Won't Cost You a Penny

Look girls, here's the sweetest, prettiest Ma-Ma doll you ever saw. From her shiny black patent leather shoes to the top of her dear little pink bonnet she measures 16 inches. Ma-Ma Baby is just as soft as a real baby, she has the chubbiest rosy cheeks, her eyes are a pretty blue and she sits and walks like a real baby. Every time she says "Ma-Ma" you'll just want to squeeze her close to you. You'll love Dolly so much and she can't get hurt—her head is unbreakable.

Dolly wears a soft, pretty pink or blue crepe dress and bloomers to match. She wears a stylish white organdie collar trimmed with silk braid. Pretty gold beauty pins fasten her dress in back. Her darling bonnet is crepe trimmed with lace and silk braid and ties in a big bow under her chin. Then she has pretty white socks and a pair of cunning black shiny slippers tied with white bows. You've simply got to have one of these darling Ma-Ma Dolls.

### Have Mother Help You Get This Dolly

Start in right now and it won't take you any time to get enough subscriptions to earn this beautiful walking Ma-Ma Doll.  
Here's what you do. You take this copy of the Household with you and show all your friends and neighbors. Tell them how interesting the Household is. Tell them how much you folks like it. Show them by leaving this page at a time, the many interesting departments. Then tell them that all this—12 wonderful issues of the Household—only costs them 25c, only a quarter. Or they can get two years for 50c or four years for \$1.00.

Send us \$3.00 worth of subscriptions—that makes 12 one year subscriptions at 25c each or six two year subscriptions at 50c each or three four-year subscriptions at one dollar each. Then we will send this beautiful doll to you all charges paid. HURRY and you can earn this big Ma-Ma Doll in almost no time.

HOUSEHOLD MAGAZINE, Doll Dept., MB, Topeka, Kansas

On a separate sheet of paper attached to this coupon are subscriptions amounting to \$3.00. Please send to the address below your big Ma-Ma Doll.

Name .....

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## Big Slump in Wheat Acreage

Kansas Farmers Make a Reduction of 1,826,410 Acres in Area Planted to This Popular Crop.

BY JOHN W. WILKINSON

KANSAS farmers are evidently planning to follow diversified cropping and farming more extensively next year than they have this year. Recent reports show that the wheat growers have reacted under the market depression of 1923 by cutting down their winter wheat acreage about 15.76 per cent.

The winter wheat planting in Kansas this year will be 9,761,000 acres, says Secretary Mohler of the Kansas State Board of Agriculture. This is a drop of 1,826,410 acres below the record for last year. It is the smallest acreage sown in Kansas since 1917—the first year of the war. It marks a slash of 2 1/2 million acres in Kansas plantings as compared with records of two years ago.

Discouraging markets are declared by Secretary Mohler to be entirely responsible for the reduction in acreage. High labor costs, higher markets for farm machinery and low markets caused the farmers in all sections of the wheat producing area to slash their plantings for next year's crop.

### Back to Pre-War Levels

While acreages are back to pre-war levels in many of the larger wheat counties, prospects for next year's yield are far better than at any time in several seasons.

The condition of winter wheat on November 24 was 86.5 per cent, 100 representing a satisfactory stand and development. This is 15.4 per cent better condition than existed about the same time a year ago; 28 per cent better than in the fall of 1921, and is 8.4 per cent above the average of conditions prevailing in the fall during the past five years.

### Central Belt Conditions Good

The higher conditions are shown in the Central Wheat Belt and practically ideal conditions prevail in many of the extreme western counties. Of the 11 counties having wheat acreages larger than 200,000 this fall, Pawnee county leads with a condition of 97, followed by Reno 92, Ellis 91, and Pratt and Rush 90, while five other counties, Barton, Ford, Sedgwick, Stafford and Thomas, report conditions of 80 or better. In Sumner county, with 237,500 acres, the condition is given as but 76. The wheat belt proper (52 counties west and northwest of a line drawn along the east borders of Washington and Sumner counties) contains 8,106,000 acres of winter wheat, or 83 per cent of the wheat area of the state. In this area the reduction in acreage this year has amounted to 12 per cent, or more than a million acres when compared to last year, and the condition of the crop is estimated by correspondents as 86.9. Wheat in southern counties, especially toward the southeast, is not as good as in other parts of the state. Many counties in this section report conditions of less than 75.

### Seeding About Completed

Very little seeding remained to be completed on November 24, and this was largely confined to the southern counties where seeding was still in progress. While newspaper accounts of large areas of volunteer wheat left standing this fall have been numerous, the correspondents of the Kansas

State Board of Agriculture estimate such acreage is small, amounting to slightly more than 5 per cent or 1/2 million acres. Pawnee, Hodgeman, Edwards, Ford, Kiowa, Clark and Comanche counties show the larger percentages of volunteer wheat, such stands averaging 12.9 per cent of the wheat area in the counties mentioned.

Conditions this fall are extremely favorable and wheat is going into the winter with an excellent start. It is estimated that 3 1/2 million acres are now ready for pasture and are being generally utilized for this purpose. More cattle are grazing on wheat in Central and Western Kansas than in several years past. The presence of Hessian fly is noted this fall in counties further to the north and west than in any recent year and growers there are becoming apprehensive of the damage which may be caused by this insect next spring.

### Less Wheat on Farms Now

The good service rendered by the railroads this year in averting a car shortage is strongly reflected in the diminished amount of old winter wheat now found on the farms.

Kansas farmers have disposed of a larger portion of their winter wheat this year than they usually do, according to a report issued last week by the Kansas State Board of Agriculture. The board estimates 17 1/2 million bushels, 23.2 per cent of their 1923 crop, on hand.

A year ago farmers were holding 35.5 per cent of their 1922 crop. In 1921 they had 21.3 per cent and in 1920 they carried 53.4 per cent of the crop into December.

The report attributes the larger holding of wheat a year ago to the freight car shortage in the principal producing areas of the state. This year, the report continues, the wheat is being held more because of the low price than for any other reason.

### Sugar Beet Mills Busy

Kansas sugar beets this year made a good yield and the quality is excellent. Garden City reports an acreage of 5,800 sugar beets that had been harvested at the opening of the month. Large acreages are reported from Dodge City, Larned, Holcomb, Lakin, Deerfield, Shallow Water, and other points in the sugar beet territory. The Garden City mill is turning out from 1,500 to 2,000 bags of sugar a day and will be kept busy until January 10 or later.

Alfalfa is in good condition and with the present abundance of moisture in the subsoil will start into the winter in good order. Everything seems to indicate that we may expect a favorable crop season next year.

### Farm Conditions by Counties

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

Anderson—A 6-inch snow was our Thanksgiving greeting here. On account of soft fields farmers are late in finishing the cutting of hay and getting their corn out. Wheat has made a splendid growth and will go into winter in fine order. Very little pasturing of wheat because of wet fields. The value of most farm products has fallen (Continued on Page 25)

CHEYENNE 14,509	BARRETT 10,135	DECATUR 14,802	NORTHON 6,502	WILLIAMS 61,906	SMITH 76,996	JEWELL 67,355	REPUBLIC 62,667	WASHINGTON 61,528	MARSHALL 77,444	NEWMAN 63,390	BROWN 64,182	OSAGE 64,214
SHERMAN 97,958	THOMAS 245,291	SHERMAN 162,025	GRADY 135,649	ROOKS 165,215	OSBORNE 145,399	NICHOLS 143,182	CLOUD 124,612	CLAY 94,704	WYANDOTT 91,069	HICKMAN 28,308	WAGONER 44,074	WAGONER 44,074
WALLACE 24,962	LOGAN 56,794	GOVE 115,661	FREGO 173,275	ELLIS 201,669	RUSSELL 192,840	LINCOLN 116,396	OTTAWA 115,309	GEARY 152,484	WAGONER 25,839	WAGONER 25,839	WAGONER 25,839	WAGONER 25,839
GREENE 20,368	WICHITA 21,335	SCOTT 64,832	LANE 117,530	NESS 136,042	RUSH 132,579	BARTON 259,161	RICE 100,663	NICHOLS 102,634	MARION 128,361	CHASE 10,739	COFFEY 12,747	WAGONER 12,747
HAMILTON 5,395	RENNY 21,906	FINNEY 66,526	HODGEMAN 72,119	WAGONER 22,120	WAGONER 22,120	WAGONER 22,120	WAGONER 22,120	WAGONER 22,120	WAGONER 22,120	WAGONER 22,120	WAGONER 22,120	WAGONER 22,120
STANTON 10,451	GRANT 42,169	WAGONER 63,610	GRAY 156,682	FORD 232,821	KIOWA 138,765	PRATT 211,185	KINGMAN 160,310	SEDERBERG 218,915	WAGONER 10,739	WAGONER 10,739	WAGONER 10,739	WAGONER 10,739
NORTHON 85,087	STEVENS 62,347	SEWARD 65,924	WAGONER 140,300	CLARK 123,905	COMANCHE 125,687	BARBER 109,732	HARPER 166,509	SUNNER 277,440	COWLEY 63,155	WAGONER 63,155	WAGONER 63,155	WAGONER 63,155

This Chart Shows Number of Acres Planted to Winter Wheat in Each County of Kansas This Fall; Average State Reduction is 15.76 Per Cent



## Jayhawkers' Farm Notes

### Garden Crops of All Kinds Yielded Well This Year But Irrigation Made It Possible

BY HARLEY HATCH

THE Government weather forecasters slipped a cog Thanksgiving week; they promised us snow for Wednesday and clear skies for Thanksgiving Day. Something was delayed in transmission, for we did not get the snow until Thanksgiving Day and the clearing skies came on Friday. But it was all right anyway for the forecast of snow—which we got over the radio Tuesday set us to preparing for winter as best we could on such short notice. One hand kept at the corn husking while the other put in the afternoon digging and pitting the garden vegetables. We never have raised in Kansas, such fine quality turnips, carrots and rutabagas as we did this year. They were planted late and irrigated up and made their growth during the wet, cool month of October which was an ideal time for such vegetables. We have enough of all kinds for two families for not only was the quality good but the size was large, many turnips weighing 4 pounds while we found a number of carrots which weighed 3 pounds.

#### Manure Hauling Almost Finished

We now have our manure hauling job chased down into a corner and started the week cornhusking but the snow on November 29 stopped that work for the rest of the week. We still have 15 acres to husk; we husked our poorest corn and fed it to the hogs from the field; that made about 15 bushels to the acre of very light corn. What we are husking now is making about 20 bushels and a 25-bushel load by measure weighs out from 22 to 23 bushels.

We cut up half our corn acreage for cattle feed and this included some of our best corn but we will husk none from the shock as the cattle will need it all, because most of them will bring calves next spring. With the present livestock outlook we think corn fed to heifers and cows which are to bring calves will bring a much better profit than if fed to hogs but—we have 40 hogs which must be fed also. All these consumers will take all the corn we have raised on 70 acres and we may have to buy some next summer for the brood sows. Luckily, we raised enough oats to carry the horses and calves thru until grain grows again.

#### Our Egg Marketing Association

A Wabaunsee county reader says: "I see that you belong to an egg marketing association. We have one here and have done well with it but would like to get pointers from you as to where you sell and how you grade your eggs." This inquirer did not read that egg paragraph quite right. We sell our eggs to a wholesale poultry plant but it is located at our county seat, Burlington, and we do not have to combine shipments to sell to them. There are two large wholesale poultry plants in Burlington both of which buy from neighboring towns for a circuit of some 40 miles.

They keep a fleet of trucks and gather in all the eggs and poultry from the surrounding country; the eggs are graded and shipped east in car lots; the poultry is dressed and also shipped east in car lots. From these plants we get virtually Kansas City prices for both eggs and poultry. The only grading we do to our eggs is to pick out the small or ill shaped and dirty eggs. These eggs are again graded at the poultry plant and from a 30-dozen case taken in we usually have from 28 to 29 dozen grade firsts and the rest seconds. Lately we have been getting 50 cents a dozen for first grade eggs and 28 cents for second grade.

#### Few Kansas Farms for Rent

We have received several letters during the last month, the writers saying that they note farms for rent are all picked up in this locality. They usually mention that they have a farm for rent and would be obliged if we could send them a good, honest, capable renter. We should judge from the events of the last month that about all the footloose people in Kansas and Nebraska have either gone to

California or some big city or were on their way there.

We have one report from a rural mail route which states that there are 28 abandoned or untenanted sets of farm buildings on that route alone. There are few or no untenanted farms in this locality and desirable farms for rent are quickly taken.

Aside from farming alone many of the farms here are desirable because a tenant can have a place to live and raise feed while he puts in most of his time working either in the oil or hay fields of Greenwood and Coffey counties. Just at present the oil business is "busted" but it will no doubt start up again before long; the hay business always pays, a better profit to the field workers than it does to the man owning the hay.

#### What Ails the Engine?

How many times have you been "stumped" by a balky gasoline engine and how many times have you discovered that there was just some little simple thing wrong with it, that might have been fixed in two minutes if you had only had someone to tell you where to look for the trouble?

The farm engineering editor of the Kansas Farmer and Mail and Breeze has prepared an engine chart which will help you locate and repair all of the things that might go wrong with your engine. Send him a 2-cent postage stamp to cover the mailing charges and the chart will be forwarded to you. Tack it up in the shop or on the engine house door and consult it whenever the engine gets balky. It will save you many an hour's labor hunting for the trouble. Address: The Farm Engineering Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.

#### Why Don't You Tell Us?

If there is anything wrong with the Kansas Farmer and Mail and Breeze. If you paid for our paper and are not receiving it.

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Let's hear from you. Thanks. Address: Kansas Farmer and Mail and Breeze, A. S. Wolverton, Circulation Manager, Topeka, Kan.

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IF YOU WANT TO LIVE in California write Kings County Chamber of Commerce, Hanford, California, for free booklet.

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The "Valley Beautiful" in Santa Barbara county, with the delightful climate of the Southern California coast, away from the heat and wind of the desert. No inflation—subdividing large Spanish Grant—rich lands at farm land prices, 10 acres to 1,000 acres at \$100 to \$150 per acre on terms. You get increase in price to come with new boulevards and improvements. Last cheap good land near Los Angeles. Write for information. Burrows & Moran, 1010 Detwiler Bldg., Los Angeles, Calif.

**SMALL FARMS in Winterless California.** You can work a small farm with less capital investment. And in California you can work outdoors all the year. The State Board of California is offering choice twenty-acre farms at Ballico, Merced county, on 36 years' time. Climate is delightful, with long growing seasons. Twenty acres part in alfalfa, with cows and pigs, plus ten acres in orchard, makes a well balanced place and provides good income throughout the entire year. A small one-family farm, cutting out high labor costs, insures success. The San Joaquin Valley of California offers you this opportunity. There are no winter handicaps. Illustrated land folders descriptive of California mailed on request. C. L. Seagraves, General Colonization Agent, Santa Fe Ry., 224 Ry. Ex., Chicago, Illinois.

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FOR FLORIDA LAND, wholesale, retail or exchange, write Interstate Development Co., Seaville Bldg., Kansas City, Mo.

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831 GP New York Life Bldg., Kansas City, Mo.

#### KANSAS

**5 ACRES PAOLA SUBURBAN.** Paola Investment Company, Paola, Kansas.

**LAND on crop payments, fine crops, pay 1/2 crop, \$27 acre.** Ely, Garden City, Kan.

**FOR SALE, N. E. Kansas bottom and upland farms.** Melvin Ward, Holton, Mo., R.F.D. 1.

**WESTERN KANSAS land, cheap.** Easy terms. Write Jas. H. Little, LaCrosse, Kan.

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**GOOD 80-A. farm** Anderson Co., school 1/2 mi., first class high school 2 mi. \$1,700 will handle. Ralph Smith, Kincaid, Kan.

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**IF YOU ARE INTERESTED** in giving your family an education, come to Lawrence, invest in property and make money while doing it. Mansfield Land and Loan Company, Lawrence, Kan.

**100 ACRES GOVE CO.—150 acres growing wheat.** Priced to sell, including 1/2 crop, \$70.00 per acre, \$1,700.00 cash, balance time, 6%. Address J. E. Fritts, Owner, Wakeeney, Kan.

**FOR SALE OR RENT.** Elk county bottom farm. Large creek, ideal for stock, especially hogs. Improvements. Near town. Some oil development. Write Mrs. S. A. Mann, 1308 East 41st St., Seattle, Wash.

**60-ACRE FARM** adjoining Iola, Kan., modern house, double garage, 12 stall dairy barn, horse barn, hog barn, 500 bearing fruit trees, 30 A. alfalfa, 30 blue grass, well-fenced, well kept, rock road, 1/2 mi. town. Terms. J. P. Copeney, Owner, Iola, Kan.

**80 ACRES Allen County, Kansas.** All valley land, good for alfalfa and corn. Good 4-room house, never failing water, half mile to hard road, near town, ideal dairy farm. Big milk condensery being built near it. Great sacrifice price. \$600 to \$1000 will handle it, balance on time. Send for description. Look Box 367, Iola, Kan.

#### REAL SNAP

Crop payments, improved half section, half wheat, half pasture, only \$10,000 with \$1,200 down, bal. half crops, 4% interest on deferred, might take clear residence—first payment. Another half section, improved, take good residence first payment. Buxton, Ransom, Kansas.

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**FORTY ACRES—\$300, oil rights included.** S. B. Vaughan, Newton, Kansas.

**80 A. \$5,500.** Terms. Well imp., fine fruit, fine climate, 3 mi. town. Owner. A. W. Waite, Siloam Springs, Ark.

**ARKANSAS OZARKS** are attractive to home-seekers. Low prices, easy terms. Booklet free. T. V. Realty Co., Yellville, Ark.

**IMPROVED fruit, poultry, stock, dairy farms.** 20 acres and larger, \$10 acre up. Bargain list free. G. L. Christian, Harrison, Ark.

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Write for new complete list of real farm bargains, it will pay you, no cost. Mansfield Land & Loan Company, 415 Bonville Bldg., Kansas City, Mo.

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**CASH BUYERS want Kan and Colo. farms.** Spring delivery. Don't wait, write now. R. A. McNown, 329 Wilkinson Bldg., Omaha, Neb.

**WANT TO HEAR from owner of good farm for sale.** State lowest price and describe. Robert Shipp, Windsor, Mo.

**Cash Buyers want farms—various localities.** Describe fully and give best price. U. S. Agency, Box 43, North Topeka, Kan.

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

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

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**I HAVE some money to loan on Kansas farms.** W. H. Eastman, 209 Columbia Bldg., Topeka.

**6% MONEY.** Reserve system. 6% loans on city or farm property. Reserve Deposit Company, Lathrop Building, Kansas City, Mo.

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**FEW COLO. irrigated and unirrigated farms** to trade. Write F. R. Miller, Ordway, Colo.

**BARGAINS—East Kan., West Mo. farms—** sale or exch. Sewell Land Co., Garretts, Ka.

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**FOR SALE, RENT OR EXCHANGE:** Well improved 40; Altoga two miles. Owner, John Deer, Neodesha, Kansas.

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**HOMELIKE EIGHTY.** Close town, all tillable black soil. Orchard, well watered. Write for description of this and other farms. The Mansfield Land Co., Ottawa, Kan.

**640 A. CLEAR in Cherry Co., Neb.** Trade for Eastern Kan. land or rental property. 20 miles north of Thedford. Owner, C. W. Hughes, Wellsville, Kan.

**27 LOTS in addition adjoining campus State Teachers' College, Pittsburg, Kan., to exchange farm.** Will assume reasonable incumbrance. Address P. O. Box 308, Pittsburg, Kansas.

**640, MTG. \$2,000, ALL TITLABLE, 17 mi. S. W. Fowler, Colo.** Price \$9,600. 4580 A. ranch, 30 mi. Fowler, Colo., clear, want good income or smaller farm clear. The Bourbon Co. Realty Co., Ft. Scott, Kan.

**320 ACRES** adjoining town, Lane county, Kansas. All smooth, 220 cultivation, 100 pasture, fine improvements. Price \$65.00 per acre. Owner will consider land Eastern Kansas equal value. Mansfield Investment & Realty Co., Healy, Kan.

**NORTHEAST OKLAHOMA farm bargains.** Highly improved 487-acre stock and grain farm, near Welch, Craig County, Oklahoma. Price \$100 per acre. Life Insurance Loan \$12,000. Want wheat land. Mansfield Land Company, Ottawa, Kan.

#### FOR RENT

**FOR RENT:** Well improved 200 acres. Buxton 1/2 mile. John Deer, Neodesha, Kan.

**FOR RENT:** Well improved dairy farm, Neodesha five miles. Owner, John Deer, Neodesha, Kansas.



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

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**RUMMAGE SALES MAKE \$50.00 DAILY.** We start you. Representatives wanted everywhere. Wholesale Distributors, Dept. 101-609 Division Street, Chicago.

**THE RAPID GROWTH OF THE CAPPER** Publications has made it necessary to add a large number of salesmen and saleswomen to our subscription department immediately. Choice positions open thruout the Central Western states for reliable people who are in position to do house to house soliciting. For full particulars write The Capper Publications, Desk 300, Topeka, Kan.

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**MILLIONS SPENT ANNUALLY FOR IDEAS!** Hundreds now wanted! Patent yours and profit! Write today for free books—tell how to protect yourself, how to invent, ideas wanted, how we help you sell, etc. American Industries, Inc., 402 Kresge Bldg., Washington, D. C.

**PATENTS PROCURED. SEND SKETCH OR MODEL TODAY FOR EXAMINATION, prompt report and advice.** No charge for preliminary advice. Write for free booklet and blank form on which to disclose your idea. Highest references. Promptness assured. Clarence A. O'Brien, Registered Patent Lawyer, 150-B Security Bank Building, directly across the street from Patent office, Washington, D. C.

## FOR THE TABLE

**PINTO BEANS—\$5.50 PER CWT.** W. A. Hooper, Stratton, Colo.

**RECLEANED COLORADO WHITE BEANS.** \$5.75 per hundred. Haynes & Snyder, Vona, Colo.

## SERVICES OFFERED

**PLEATING, ALL KINDS, HEMSTITCHING.** First class work, prompt service. Mrs. M. J. Mercer, 800 Topeka Blvd., Topeka, Kan.

## EDUCATIONAL

**\$133 MONTH, RAILWAY POSTAL CLERKS** wanted. Steady. List positions free. Franklin Institute, Dept. F15, Rochester, N. Y.

**RAILWAY POSTAL CLERKS—START \$133** month; railroad pass; expenses paid. Questions free. Columbus Institute, R-5, Columbus, Ohio.

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**PUT YOUR BUSINESS BEFORE MORE** than 1,180,000 farm families in the 16 richest agricultural states in the Union by using the Capper Farm Press. A classified advertisement in this combination of powerful papers will reach one family in every three of the great Mid-West, and will bring you mighty good results. This does not apply to real estate or livestock advertising. The rate is only 60 cents per word, which will give you one insertion in each of the five sections. Capper's Farmer, Kansas Farmer and Mail and Breeze, Missouri Ruralist, Nebraska Farm Journal, and Oklahoma Farmer. Capper Farm Press, Topeka, Kansas.

## SEEDS—PLANTS—NURSERY STOCK

**WHITE SWEET CLOVER, FARMER'S** prices. Information. John Lewis, Virgil, Kan.

**WHITE SWEET CLOVER, HULLED \$7.50;** scarified \$8.40 bushel. H. E. Davis, Norwich, Kan.

**CARLOAD KANOTA SEED OATS, ONE** dollar per bushel cleaned, \$1.40 smut treated. Sacks extra. H. M. Hoffman, Abilene, Kan.

**PURE KANSAS ORANGE CANE AND** Kanota oats; certified seed. Write for samples and photographs. Stants Brothers, Abilene, Kan.

**KANOTA OATS \$1.00. PRIDE OF SALINE.** Freed's White Dent and Kansas Sunflower corn \$2.50 per bushel. All seed certified. Bruce S. Wilson, Keats, Kan.

**SEEDLING CEDARS. \$2.00 HUNDRED.** Sweet Clover, \$7.50 bushel. Pedigreed Everbearing Strawberry plants, \$3.00 hundred. Pawnee Rock Nursery, Pawnee Rock, Kan.

**KANOTA SEED OATS, BUY CERTIFIED** Kanota seed oats early. Supply limited. Seed list now ready. Write S. C. Salmon, Secretary, Kansas Crop Improvement Association, Manhattan, Kan.

## TOBACCO

**EXTRA FINE CHEWING, TEN POUNDS** \$3; smoking, ten pounds \$2; twenty, \$3.50. Farmers' Club, Mayfield, Kentucky.

**NATURAL LEAF TOBACCO, CHEWING,** 5 lbs. \$1.75; 10 lbs. \$3. Smoking, 5 lbs. \$1.25; 10 lbs. \$2. United Farmers, Mayfield, Ky.

**TOBACCO, HOMESPUN; CHEWING, 5 LBS.** \$2; ten \$3.50. Smoking, 5 lbs. \$1.50; ten \$2.50. Smoking, second grade, 5 lbs. \$1.25. C. O. D. F. Gupton, Cunningham, Ky.

**HOMESPUN TOBACCO, CHEWING, 5 LBS.** \$1.75; ten \$3. Smoking, 5 lbs. \$1.25; ten \$2. Pay when received. Pipe and recipe free. Farmers' Tobacco Union, Paducah, Ky.

**HOMESPUN TOBACCO, FIVE POUNDS** chewing, 5 lbs. \$1.75; ten, \$3; twenty, \$5.25. Smoking, five pounds, \$1.25; ten, \$2; twenty, \$3.50. Pipe and recipe free. Send no money. Pay when received. Kentucky Tobacco Company, Paducah, Ky.

## MALE HELP WANTED

**MEN—AGE 18-40, WANTING RAILWAY** Station office positions \$115-\$250 month. Free transportation, experience unnecessary. Write Baker, Supt. 33, Wainwright, St. Louis.

## MACHINERY FOR SALE OR TRADE

**RUMELY 20-40 MOLINE TRACTOR, 8-** roll shredder. Ira Emlig, Abilene, Kan.

**FOR SALE, TRACTORS, TWO NEW TITAN** 10-20, one 8-15 International, with plows to suit. \$650 each. Ralph R. Smith, Administrator, Kincaid, Kan.

**FOR SALE: INTERNATIONAL SPEED** truck, closed cab, express body, 33x5 cord tires, run about 3,000 miles. Price \$1,100. Ralph E. Smith, Administrator, Kincaid, Kan.

## FOR SALE OR TRADE

**FOR TRADE: NEW AUTO KNITTER FOR** M. B. turkey hens. Box 694, Hillsboro, Kan.

## TYPEWRITERS

**TYPEWRITERS. TRIAL; PAYMENTS;** guaranteed. Write Yotz Typewriter Co., Shawnee, Kan.

## HONEY FOR SALE

**IOWA CLOVER HONEY, NOTHING FINER.** Write for prices. Pangburn Apiary, Center Junction, Iowa.

**WHITE EXTRACT HONEY, 120 POUNDS** \$13; 60 pounds \$7. Light amber, two cans \$12; one \$6.50. T. C. Veira, Olathe, Colo.

**FINEST LIGHT EXTRACTED HONEY,** new crop, two 60-pound cans, \$14; one, \$7.50; 30-pound can, \$4. Light Amber Extracted, \$13 and \$7. Here. Frank H. Drexel & Sons, Crawford, Colorado.

## KODAK FINISHING

**FILM ROLLS DEVELOPED FREE. TRIAL** order. Send 25c for 6 beautiful Glossitone prints or reprints. Fast service. Day Night Studio, Sedalia, Mo.

## DOGS

**RAT TERRIER PUPS, GUARANTEED** ratters. Abe Bowman, Jr., Stafford, Kan.

**FOX TERRIER PUPS \$5, \$7.50 and \$10.** Well marked. J. C. Brock, Waverly, Kan.

**CHOICE COLLIE PUPS, NATURAL HEEL-** ers. Maxmadow Kennels, Clay Center, Neb.

**FOR SALE: SCOTCH COLLIE PUPPIES,** three dollars each. Garey Bross, Wilsey, Kan.

**CHRISTMAS COLLIES—PUPPIES, BRED** and unbred females. Frank Barrington, Sedan, Kan.

**FOX TERRIERS, AIREDALES, COLLIES,** Shepherds, Bull Dogs and Pointers. L. Poes, Dearborn, Mo.

**BLACK SHEPHERDS AND BROWN EN-** glish Shepherd puppies. E. A. Ricketts, Route 3, Kincaid, Kan.

**FOR SALE: REGISTERED GREYHOUND** 15 months old, 5 Russian Greyhounds 5 months old, \$20 pair. Wm. Schaefer, Yates Center, Kan.

**GERMAN SHEPHERD; AIREDALES; COL-** lies; Old English Shepherd dogs; puppies. 10c illustrated instructive list. W. R. Watson, Box 31, Macon, Mo.

## FERRIS

**FERRIS FOR SALE. HERSCHEL PECK,** Box 854, Des Moines, Iowa.

## PONIES

**SHETLAND PONY COLTS \$35 EACH.** Just the thing to grow up with children. D. B. Grutzmacher, Westmoreland, Kan.

## PET STOCK

**CANARIES. ST. ANDREWSBURG ROLL-** ers from imported stock, \$5. Mrs. Chas. Storm, Beardsley, Kan.

## MISCELLANEOUS

**ALL MAKES SAFETY BLADES SHARP-** ened, 25c dozen. M. Grading Co., 927 Kansas Avenue, Topeka, Kan.

**BLUE AMBEROLA CYLINDER RECORDS** 20c. Stamp brings catalogue. National Record Exchange, Wichita, Kan.

**UNDERGROUND TREASURES. HOW AND** where to find them. Particulars for two cents. Model Co., 28 Como Bldg., Chicago.

**ALL WOOL YARN FOR SALE FROM** manufacturer, 75c up per lb. Also socks. Free samples. H. A. Bartlett, Harmony, Maine.

**BUY LUMBER, BUILDING MATERIAL** and bale ties wholesale direct consumer. McKee-Fleming Lbr. & Material Co., Emporia, Kan.

**CHOICE BRONZE AND BOURBON RED** Toms, \$5.00 to \$10.00; Hens \$5.00. Gray African Geese, \$4.00. Home knit wool socks, pair 75c. Nels Jones, Speed, Kan.

**AUTOMOBILE OWNERS, GARAGEMEN,** mechanics, send for free copy America's popular motor magazine. Contains helpful, money-saving articles on repairing, overhauling, ignition, carburetors, batteries, etc. Automobile Digest, 622 Butler Bldg., Cincinnati.

**THE STETLER COMBINATION TOOL** makes any fence job easy. It cuts, splices, stretches, pulls staples, and does a hundred other wire jobs around the farm. Built strong and simple, priced low. Used by farmers 20 years. Write today for circular. Armstrong Bros., Medford, Okla.

## POULTRY

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

## ANCONAS

**S. C. ANCONA COCKERELS, \$2.00 EACH.** J. W. Harrington, Healy, Kan.

**ANCONA COCKERELS, \$1.00 EACH. MRS.** Chas. Long, Route No. 2, Stockton, Kan.

## ANDALUSIANS

**BLUE ANDALUSIAN COCKERELS, STATE** certified, \$2.50. Chas. C. Miller, White City, Kan.

## BABY CHICKS

**QUALITY CHICKS FROM ACCREDITED** free range flocks. Fourteen standard varieties. 100% live delivery. Catalogue free. Box K, R. V. Hatcheries, McCook, Neb.

**BABY CHICKS: ROCKS, REDS, ORP-** ingtons, Wyandottes, Leghorns. Orders filled year round. Large breeds 14c, small 12c. Postpaid. Ivy Vine Hatchery, Floyd-Bozarth, Manager, Maple Hill, Kan.

## BRAHMAS

**MAMMOTH LIGHT BRAHMA COCKERELS,** \$2 and \$3. Lewis Czapanski, Aurora, Kan.

**PURE BRED LIGHT BRAHMA PULLETS,** \$2.00. Cora Lilly, 418 Forest St., Topeka, Kan.

## BLACK JERSEY GRANTS

**BLACK JERSEY GIANT COCKERELS, \$5.** Mrs. Roger Sullivan, Effingham, Kan.

## DUCKS AND GESE

**PEKIN DUCKS \$2; DRAKES \$2.50. Mrs.** Winifred Korke, Stonington, Colo.

**MAMMOTH WHITE PEKIN DUCKS \$1.50,** drakes \$2. Ethel Royer, Gove, Kan.

**MAMMOTH TOULOUSE GESE \$2.00, gan-** ders, \$2.50. Josie Love, Whiting, Kan.

**TOULOUSE GESE AND GANDERS. PRIZE** winners. Mrs. E. A. Janeway, Pomona, Kan.

**WHITE CHINESE GESE, \$2.00; WHITE** Pekin Ducks, \$1.00. Jay Mentzer, LeRoy, Kan.

**IMPERIAL WHITE PEKIN DUCKS AND** Drakes \$2.00 each. W. L. Tipton, McPherson, Kan.

**PURE BRED BUFF ORPINGTON DUCKS,** \$2.50; drakes \$3. Mattie H. Johnston, Grantville, Kan.

**PURE BRED FAWN AND WHITE INDIAN** Runners. The egg layers. Drakes \$2.50, ducks \$2. Mrs. Helen Romary, Olivet, Kan.

**STANDARD BRED WHITE EMBDEN** geese, \$3; winners \$4. Prize winning White Holland tom, \$8. Mrs. John Neubauer, Belleville, Kan.

## LEGHORNS

**FERRIS LEGHORNS, LAYING STRAIN,** \$1.50. Sarah E. Rollins, Gretna, Kan.

**WHITE LEGHORN YEARLING HENS,** \$1.25. Adrian Foster, Harper, Kan.

**100 BROWN LEGHORN HENS, GOOD** layers, 75c. Mrs. Wm. Riepl, Herndon, Kan.

**ROSE COMB BUFF LEGHORN HENS,** 9 dozen, 10 cockerels. Perry Myers, Fredonia, Kan.

**SINGLE COMB WHITE LEGHORN HENS,** pullets and cockerels. Mrs. C. C. Cole, Levant, Kan.

**CHOICE SINGLE COMB DARK BROWN** Leghorn cockerels \$1 each. E. H. Fuhage, Garfield, Kan.

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# Kansas Spotted Poland Herds

## Spots Out of Large Litters

Spring pigs, both sexes, by Master K. 19th, Cornage, and My Searchlight. Well marked. All double immuned. All by litters of large litters and these pigs for sale are out of large litters.

PETE ANDERSON, BURLINGTON, KAN.

## Largest Spotted Poland Herd in Kansas

Headed by 6 boars including Master K. King of England Jr. by King of England, etc. All classes for sale at all times. Write me your needs.

A. S. ALEXANDER, BURLINGTON, KAN.

## Powell's Grandchampion Bred Spots

Bred sows, bred gilts, boars all ages, pigs. Leopard King, Carmine, Wonder King, Spotted Eagle, Gray Ash, etc. Females in service to Realization. Two by Realization King. August farrow pigs by Spotted Giant, 1923 world's grand champion, out of grand-daughter of Realization.

D. E. POWELL, ELDORADO, KAN.

## Model Ranger is Sold

His 1923 sons are heading good herds over the country. Their sisters will be in my January 10 bred sow and gilt sale. Don't you want a Model Ranger gilt bred to The Answer? Or a choice sow bred to Model Ranger? For sale catalog address

HENRY J. HAAG, HOLTON, KANSAS

## Choice Spots-Attractive Prices

Bred sows and a choice collection of fall pigs at attractive prices. Every hog in good condition. Sires in use: Arch, Prince by Arch Back King and The Topic by The Night Rider.

W. P. HAMILTON, BELLE PLAINE, KAN.

## Bale's Spots

Bred spring gilts in service to Ranger B. by Model Ranger, and Imperial Commander, a straight big type sire by Attaboy, 1923 Topeka fair grand champion. Prices are reasonable.

C. W. BALE, CHASE, KAN.

## Miller & Manning Offer

Spring boars of outstanding quality in breeding and as individuals. Open gilts or bred for spring farrow. Write us your wants today.

MILLER & MANNING, Council Grove, Kan.

## SPOTTED POLAND CHINA HOGS

### 25 Big Spring Boars

By the half ton Carlson's Spotted Chief and Lynch's Booster, first prize senior champion, Topeka, 1923. Bargains in real boars.

LYNCH BROS., JAMESTOWN, KAN.

BRED SOWS \$40. to \$35; bred gilts \$25; spring pigs \$12.50; fall pigs \$7.50. Arch Back King breeding. T. L. Curtis, Dunlap, Kan.

SPOTTED POLAND May gilts ready to breed. Also their sire. Best stock. Alfred Carlson, Rt. 5, North Topeka, Kan.

## POLAND-CHINA HOGS

POLAND CHINA BOARS, also gilts, bred or open, pasture raised. Vaccinated. Priced to sell. Chas. J. Holtwick, Valencia, Kan.

POLANDS, either sex, by Designor and Clotie, Jr. Few Designer and Clotie Jr. gilts bred to Liberator-Revelation. The Outpost and Checkers-Heritage, at former prices. J. R. Houston, Gen. Kan.

## HAMPSHIRE HOGS

TYLER'S TIPTON BRED HAMPSHIRE

We are offering a few choice tried sows and the smoothest bunch of gilts we have ever raised; also some choice boars. Send for free catalogue.

A. N. Tyler & Son, Route 2, Reading, Kan.

## Whitway Hampshires on Approval

Choice spring boars and gilts, big stretchy kind with plenty of quality. Also fall boars. All sired by champion boars. Priced for quick sale.

F. B. WEMPE, FRANKFORT, KANSAS

PUREBRED HAMPSHIRE BOARS, gilts and weanling pigs, priced from \$8 to \$30 for short time. Louis C. Reb, Frankfort, Kan.

## CHESTER WHITE HOGS

### Chester Whites For Sale

Spring and fall boars, also young herd boar just returned from the show. Won first and second at five State Fairs. One of his gilts won at same show. Brood sows are all sired by him and can not use him longer. Guaranteed breeder. 72 inches long, 36 inches high and 10 inch bone.

E. M. RICKARDS, 317 Lincoln St., TOPEKA, KAN.

Wiemers Chester White Boars by The Constructor, Junior champion Neb. State Fair 1923. Immured. Weighing 175 to 225 lbs. Shipped on approval. C. O. D. Write for circular. Alpha Wiemers, Diller, Neb., Ex. K

Wiemers' Big Smooth Chester Whites 20-lb. boars and gilts. Also fall pigs. Price right. Free circular. HENRY WIEMERS, DILLER, NEB.

O. I. C. BRED SOWS AND GILTS. Spring boars, Cholera immuned. Priced to suit the times. Geo. T. Bartlett, Stockton, Kansas.

## SHEEP

HAMPSHIRE AND SHROPSHIRE RAMS. Best of breeding; reg. Cedar Row Stock Farm, A. S. Alexander, Prop., Burlington, Kan.

## Landmarks of the Breed—VI

### Spotted Giant 62468

Spotted Giant 62468 farrowed February 7, 1911. He was out of a litter of 12, sired by Thousand Pound Expansion 63832. His dam was Lady Princess 115253. Spotted Giant was bred by J. D. Gates & Sons, Ravenwood, Mo., and was used in the Gates herd for years. His greatest breed significance doubtless lies in the fact of his being a leading agency in bringing to Spotted Poland the blood and qualities of the truly great Dawson boar, Expansion. Expansion was an enormous, mellow hog, always showing white spots among his produce and of such real worth as to weather the adverse years of "hot blood" supremacy, contributing meanwhile a saving stream of descendants against the day when Poland China breeders would return to a sane standard of utility.

It was the superiority of the get of Spotted Giant that started Gates & Sons to breeding and raising Spotted Poland China hogs.

Spotted Giant was among the first real half-ton boars of the breed. He was weighed several times by the fieldman and visitors when they were at the Gates farm. With his great size he was very smooth and free of wrinkles and carried a 12-inch bone. Among his early sons of note were Spotted Clover 74709 and Spotted Bob 73841, out of the famous brood sow, Veradell. They were used in the Andrews and Rhodus herds. A sister of these boars produced Spotted Sampson and Buster Bill, used by Faulkner and Yeats Bros., until Buster Bill was sold to Shaver & Fry.

Spotted Giant was never shown, on account of there not being classes for Spotted Poland Chinas in our fairs and shows of that day. Several of

## MODEL RANGER

1923 world's Junior Champion. Now owned by us. The highest priced boar of the breed this year. Bred saw sale February 27. Catalogue upon request. Gilts by The Harvester, Singleton's Giant, etc., and bred to by Arch Back Rainbow King, and Pickett's Chancery by Arch Back Rainbow King, and Pickett's Chancery by Pickett's Spotted Giant. HIGHWAY FARM, Marysville, Kan. Dr. J. A. Beveridge, Owner.

## Bazant's Big Spots

Bred sow sale at Fairbury, Neb., Jan. 17, sale pavilion. Bred sow sale at farm near Narka, Kan., Feb. 21. A few good young boars for sale and I want your name at once for my sale catalogue. Address: K. J. BAZANT, NARKE, KANSAS. Two herds on two farms.

## BIG HUSKY BOARS

of March farrow, nicely spotted, ready for service and immunized. They are good and priced for a short time at \$25 each.

RAY WORTHING, BELVUE, KAN.

## New Herd Boar Evolution, By The Limit

Felt brother to The Vision, world's junior champion, 1923. Straight-Old Fashioned and a real boar. Watch him. For sale: One senior herd boar, Fashion Star by Fashion Jumbo. Can't use him longer. Young boars by Kansas Archback and Fashion Star. Gilts bred to Evolution.

D. J. MUMAW, ONAGA, KAN.

## Bargains in Baby Pigs

Papers with each pig. Also top spring boars by Master K. English breeding. Write today. M. N. THILL & SON, Cawker City, Kan.

## PRairie Grove Farms

Spring boars and gilts sired by Dixie Boy, Wonder King, Master K. Carmine Wonder. Open yearling gilts with breeding privileges. Everything immuned. GEO. F. GRABILL & SONS, CAWKER CITY, KAN.

his grandsons and granddaughters have been prominent winners in our state fairs and livestock shows the last few years.

In 1917 Spotted Giant was purchased by R. G. Sartain, Fayette, Mo., who used him successfully until his death the following year. Many herds of Spotted Poland Chinas have been started thruout the hog belt with the get of this boar, thus starting with a lot of size, bone and vitality.—Homer L. Faulkner.

## AYRSHIRE CATTLE

### Christmas Suggestion To Farm Fathers

Why not one or two choice Ayrshire heifers and a bull calf from high producing cows to keep that boy interested at home? No extravagant prices asked. List on request but better come at once and make your own selection.

David G. Page, Fairfield Farm, Route 8, Topeka, Kan.

## CUMMINS AYRSHIRES

Cows, heifers, bull and half calf. Tuberculin tested. Good quality. Priced to sell. R. W. CUMMINS, PRESCOTT, KAN.

## JERSEY CATTLE

PEDIGREE JERSEYS Two young cows, yearling heifer. Bull two years. W. B. Summers, Minneola, Kan.

## Reg. Jersey Bulls

High class individuals, royally bred dams with large R. of M. records. Two good sons of Financial Capital. Range in age from 6 mo. to 18 mo. Write your wants. R. A. GILLILAND, DENISON, KAN.

REGISTERED JERSEY BULLS, 1 year old. Sired by a grandson of Golden Fern's Noble. \$40.00. Chas. Long, Stockton, Kansas.

JERSEY COWS AND HEIFERS. Registered or not registered. One or a carload. H. E. Wiley, South Haven, Kan.

TEN HEAD JERSEY COWS AND HEIFERS some fresh soon; and thoroughbred Shetland pony. E. H. Knepper, Broughton, Kansas.

## BROWN SWISS CATTLE

PUREBRED BROWN SWISS BULL CALF Registered, transferred and crated. Priced at \$40. J. S. Beachy, Garnett, Kansas

## LIVESTOCK AUCTIONEERS AND SALE MANAGERS.

BOYD NEWCOM, Auctioneer 219 Beacon Bldg., Wichita, Kan.

## For Egg Producers

Explanation of the proposed Kansas Co-operative Egg Marketing Association will be made at the Kansas State Farm Bureau meeting in Emporia, December 18 and 19. The committee appointed as a result of the statewide conference in Topeka, September 29, likely will not have completed its work by that time, but a report of progress will be made to such producers as care

ing animals. In the past 30 years, thousands of resolutions, asking this sort of consideration for the business which keeps up the quality and standards of our herds and flocks has been passed by livestock associations, big and little, thruout the country. But this is the first indication in recent years that the railroads had given a listening ear to such arguments.

In Canada, almost from the time that the Dominion's railway system became an important factor in agricultural development, the government-railway policy has been to encourage the extension of animal husbandry and the improvement of livestock everywhere, by making special low rates for the transportation of purebred breeding animals. Fred S. Brooks, who is reported to have announced that the Rock Island railroad is considering favorably this plan, has the support of higher officers of his road it is said, in urging other big roads to join in pledging their co-operation to a committee composed of President Bradfute, of the American Farm Bureau Federation, and the secretaries of some of the leading livestock record associations.

## Offers \$400 for a Slogan

The Implement and Tractor Trade Journal, of Kansas City, Mo., is offering \$400 for a slogan to "sell" the importance of good farm machinery to the general public. There is a first prize of \$250, and 15 additional prizes of \$10 each.

Agriculture is the basic industry, the industry that creates 95 per cent of the world's wealth; but farming depends on modern machinery. Without good equipment the richest soil is of little value. The industry wants a slogan that will express, in one short sentence, the vital importance of farm machinery in the great task of feeding the world. The paint industry says, "Save The Surface and You Save All," while the cement interests tell a great story with the few words, "Concrete for Permanence." What more can be said regarding the virtues of paint and concrete?

This contest is open to everyone. Readers of this paper are requested to send as many slogans as they can think up to the Implement and Tractor Trade Journal at Kansas City, Mo.

## Farm Bulletins for December

The following list of Farmers' Bulletins of general interest during December may be obtained free by addressing the Office of Publications, United States Department of Agriculture, Washington, D. C., but specify number and name in requesting bulletins:

Farmers' Bulletin 828, Farm Reservoirs; 847, Potato Storage and Storage Houses; 970, Sweet Potato Storage; 1036, Care and Repair of Grain Separators; 1078, Harvesting and Storing Ice; 1091, Lining and Loading Cars of Potatoes for Protection from Cold; 1100, Co-operative Marketing, Woodland Products; 1160, Diseases of Apples in Storage; 1194, Operating a Home Heating Plant; 1247, American Moles as Agricultural Pests and as Fur Producers.

The Kansas Farmer and Mail and Breeze would like to receive letters from its readers telling about their experiences in marketing milk, cream and butter.

We should all keep the motto, "A Balanced Agriculture for Prosperity," constantly before us.

## How About Fur Money?

DO YOU have the success you desire in your trapping? Or perhaps you haven't taken up this interesting and profitable winter side line and plan to do so. In either case, you need a copy of "Trap Line Ways to Profit." This book was written by a trapper who has learned by experience. He tells of the habits of animals, best locations for trap lines, baits, skinning and preparing pelts, and marketing. Add to your trapping profits by sending 15 cents for this book. Address The Book Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.

to attend the meeting and the general plan will be outlined. It is hoped that a final report can be made at the meeting of the Kansas State Board of Agriculture in Topeka during January.

The committee, composed of 11 members, has held two meetings in Topeka, one November 9 and the other December 3. It has been preparing a plan of organization for the state, constitution and bylaws, contract, and articles of incorporation. A third meeting will be held in Emporia the evening of December 17.

The committee appointed to prepare plans for the co-operative marketing of Kansas eggs is composed of the following: L. V. Starkey, Emporia; Oscar Jones, Burdett; Mrs. J. H. Broeke, Waverly; J. C. Mohler and M. N. Beeler, Topeka; Ralph Searle, Tecumseh; L. E. Payne and H. Umberger, Manhattan; Mrs. Dora Thompson, Williamstown; J. R. Stallings, Oswego; Paul Challiss, Atchison.

## Lower Purebred Shipping Costs?

BY T. W. MORSE

A movement for reduced shipping costs which promises to make the biggest news for many months in the purebred livestock business is now developing.

A short time ago, the Interstate Commerce Commission decided on a reduction of express rates, and possibly before this is printed, a schedule of reductions will be announced by the American Railway Express Company, which now handles all express in the United States. Following closely on the decision to reduce express rates, came the announcement of the Kansas Public Utilities Commission, that freight rates on less than car load shipments of livestock would have to be reduced, and the reduction proposed, will, in many cases, cut in two the cost of an average shipment of breeding animals within the state.

Following this announcement, and doubtless in response to farm bureau pressure, and the representations of men in various legislative bodies who are sincerely devoted to the interests of agriculture, and particularly to lines of business which build up agriculture, the general livestock agent of a leading railroad has advocated the adoption of the Canadian practice for the transportation of purebred breed-



## Business and Markets

(Continued from Page 18)

225 calves, 75,850 hogs, and 21,650 sheep a year ago.

Choice to prime full fed steers sold at \$10.50 to \$12.50, and finished heifers at \$10 to \$11. This class of cattle was in meager supply and the few offered sold readily for the holiday trade. Short fed steers which comprised the bulk of the offerings brought \$7.50 to \$10. They were lower in the first two days of the week, but regained practically all the loss later. A few grass fat steers went to killers at \$6.50 to \$7.25, but the available supply for this year has been marketed. Cows and heifers were higher. Short fed heifers sold at \$7 to \$8.50, and the better classes as high as \$9.50, with prime heifers at \$11. Cows brought \$2.25 to \$7. Those below \$3.50 were "canner" and cutter classes. Veal calves were 50 cents higher.

Receipts of stockers and feeders were moderate and prices ruled stronger. Good to choice grades were scarce. Feeders are taking short fed and fleshy steers more freely, and a further decline in corn prices will enlarge this demand.

## Hogs Decline 5 Cents

Hog prices fluctuated within a 15 to 25 cent range and closed the week steady to 5 cents lower than a week ago. Demand is large, and the trade is absorbing the heavy runs readily. Quality of the offerings is improving and the tendency is toward a narrower price spread. The top price was \$6.85 and bulk of sales \$6.40 to \$6.75. Packing sows are selling at \$6.15 to \$6.35 and pigs and stock hogs at \$5 to \$5.50. Chicago receipts this week were the largest of the season and a heavy run will continue to that market.

## Sheep, Horses and Mules

The lamb prices early in the week were lower, the market rallied some in the last two days, and closed only slightly lower than a week ago. On the close fat lambs are quoted at \$11.75 to \$12.35. Fat sheep were steady all week. Wethers are quoted at \$7.25 to \$8, and eyes, \$5.50 to \$6.35.

Demand for horses and mules was not quite as active as in preceding weeks, and prices were weak. Receipts were moderate. The following quotations are reported at Kansas City:

Heavy draft horses, \$100 to \$160; fair to good drafters, \$60 to \$100; good chunks, \$60 to \$125.

Good heavy strong mules 4 to 7 years old, 15 to 16 hands high, \$100 to \$175; mules 14 to 15 hands, \$50 to \$150; extra big mules, \$175 to \$225.

## Dairy and Poultry

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

Butter—Creamery, in cartons, 54 to 55c a pound; packing butter, 27c; No. 1 butterfat, 52c; No. 2 butterfat, 49c. Eggs—Firsts, 46c a dozen; seconds, 29c; selected case lots, 53c; No. 1 storage, 29c; No. 2 storage, 27c.

Live Poultry—Hens, 12 to 19c a pound; broilers, 22c; springs, 17c; roosters, 10c; turkey hens and young toms, 21c; old toms, 15c; geese, 12c; ducks, 13c.

## Grain and Cotton Futures

This week Chicago wheat prices took a downward trend in the absence of any demand except for week-end evening up of trades. The close was unsettled, 1/4 to 3/8 net lower, December \$1.03 1/2 to \$1.03 1/2 and May \$1.09 to \$1.09 1/2. Corn finished 1/4 to 3/8 down; oats 1/4 to 3/8 off, and provisions at unchanged figures to 10 cents decline. Corn and oats declined with wheat. Predictions were current that arrivals of corn at Chicago next week would be larger, notably from Western Iowa.

Packers' selling weakened the provision market after an advance based on reports of good cash demand.

Cotton futures at New Orleans showed strength this week and advanced 40 to 48 points, with December futures quoted at 34.50c; January, 34.70c; March, 34.92c; May, 34.87c; July, 34.25c; and October, 28c.

## Kansas City Quotations

The following quotations are given at Kansas City on grain futures: December wheat, \$1.02; May wheat, \$1.07 1/2; July wheat, \$1.04 1/2; December corn, 70 1/2c; July corn, 72 1/2c; September corn, 71c; December oats, 43 1/2c; May oats, 47 1/2c; December rye, Chicago

## Northern Kansas Duroc Herds

## BOARS BY HIGH GIANT

Climax Sensation and one or two other real sires including the tops from two litters by the world's champion, Constructor.

Bred sow sale February 7.

WOODY & CROWL, BARNARD, KANSAS

## By Lincoln Commander

Ninety spring pigs by this splendid young sire and out of High Giant and Pathfinder's Orion sows. The real tops of the boars reserved for my fall trade.

LEWIS SCHMIDT, BARNARD, KANSAS

## Okawanna Stock Farm

Offers sows and gilts bred to Uneedia Path by Uneedia Orion Sensation, Giant Sensation Wonder I Am and My Leading Sensation. Every day is sale day except Sunday.

E. M. HALLOCK, ADA, KAN.

## Meadow Hill Durocs

Our sows and gilts are bred to Improver, a wonderful yearling by Giant Sensation. In weanling pigs we have pairs and trios unrelated. Also a few good boars. Everything immune and registered.

OPIE O. MOWERY, LURAY, KAN.

## Real Boars For Sale

The tops of 30 boars by Sensation King, their dam by Uneedia Orion Sensation. Others by Sensation King I Am, son of the Iowa champion Sensation King and their dam by Great Orion Sensation.

Bred sow sale February 6.

E. E. NORMAN, CHAPMAN, KANSAS

## Duroc Weanling Pigs

and males ready for service. Registered, immunized, shipped on approval and a year to pay. Write for booklet and photographs.

STANTIS BROS., ABILENE, KAN.

(Herd located at Hope.)

## VALLEY SPRINGS DUROCS

Our herd boars are by Stilts, Scissors Pathfinder Paramount and Great Orion Sensation. Sows and gilts bred for spring farrow. Boars, all ages. Pairs not related, immune, registered, guaranteed breeders, farmers' prices, year's time, satisfaction or no sale.

E. J. BLISS, BLOOMINGTON, KAN.

## WALNUT HILL STOCK FARM

## DUROC JERSEYS

Yearling boars, spring boars and spring gilts for sale. Real hogs at fair prices.

D. C. ASHER, LAWRENCE, KANSAS

## Supreme Orion Sensation

Gilts bred to Supreme Originator and Originator's Climax. Here is a mating that is hard to beat. Only a few for sale. Also a few spring boars by Supreme Orion Sensation.

MIKE STENSAAS & SONS, CONCORDIA, KAN.

## By Scofield's Model Orion

Two yearling boars, one out of a Pathfinder Chief 2nd dam, one out of a Pathfinder Jr. dam. Both these good yearling boars sold on approval. Some dandy weanlings about January 1. Write

J. L. SCOFIELD, OSAGE CITY, KAN.

## Junior Championship

Was won at the Kansas Free Fair by our junior herd boar, KING TUT SENSATION. Our two older sires in service are equally good. See them at our Bear Sale October 27.

WOODBURY FARMS, SABBETHA, KANSAS

F. C. Woodbury & Son, Proprietors

## The Duroc Herds

advertised in this section are owned by the progressive, Duroc breeders of Northern Kansas. Look this section over if you are in the market for Duroc herd material. It will be worth the time and trouble.

basis, 69 1/2c; May rye, Chicago basis, 75 1/2c.

Cash Wheat—Dark hard wheat, cash sales, \$1.07 to \$1.23; hard wheat, 88c to \$1.22; red wheat, \$1.05 to \$1.13.

Corn—White corn, 62 to 71c; yellow corn, 61 to 72c; mixed corn, 60 to 70c.

Oats—White oats, 45 to 46c; red oats, 46 to 60c.

## Big Slump in Wheat Acreage

(Continued from Page 20)

below the cost of production with the exception of eggs and cream.—J. M. Brubaker.

Cowley—The splendid weather conditions during the last week have been appreciated. Some fields of kafir will not be harvested on account of wet weather. Rural market reports: Bran, \$1.30; oats, 52c; alfalfa, \$14; eggs, 50c; cream, 45c.—Fred Page.

Clay—Fine fall weather has given the farmers a chance to gather their corn crop. Feed and wood is being gathered for the winter. Roads and weather are excellent. Rural market report: Alfalfa hay, \$12 a ton; hay, \$10 a ton; wheat, 98c; new corn, 68c; poultry, heavy hens, 18c; light hens, 13c; hogs, \$8; butterfat, 48c; butter 50c; eggs, 40c.—P. R. Parslund.

Chautauqua—This county had 2 inches of snow during the last week. The snow was

## Landmarks of the Breed—XV

## Higgin's Model

In the interval between stories about much more widely known Duroc sires, it may be well to record a few facts concerning a boar, which in a humble way, did valuable work as a pioneer. The boar I have in mind is Higgin's Model but the things to be said about him are not so important as applying particularly to Higgin's Model, as they are in applying to some sires of this class which in various breeds, have contributed just what most seemed to be needed to give the breed the right start.

Nebraska reached its high relative position as a hog state almost at the same time that it became prominent as a Duroc state. If the Durocs being offered to the farmers of Nebraska had not measured well up to their ideas for practical pork hogs, Durocs could not have gained upon all other breeds as they did, nor could they have given pork production generally the impetus which all agree was their contribution. The big majority of users of purebred boars were not interested in lines of breeding; they were not, at that time, especially bent on having Durocs excepting as the reputation of Durocs for producing great brood sows made its appeal. But they did want hogs with good hams and good spring of rib. The breeds which preceded Durocs had established this sort of standard.

When I first visited the herd of George Briggs at Clay Center, Neb., it was headed by Higgin's Model, assisted by Red Chief I Am. Higgin's Model was rather dingy of color, running to tawny toward shedding time, which gave the "hair eaters" something to criticize but did not keep the farmers from seeing just the kind of pork form they wanted in their barrows, and the young boars by this sire scattered over the country, gave many a pork raiser his opportunity to "try Durocs" without giving up anything he had learned to value in pork production. It was the very influence needed to speed the Duroc cause; an influence just when it counted most, which Red Chief I Am, or even boars more famous, might not have been able to exert.

Of course the assistant sire soon came into first prominence in the Briggs herd, and rightly so, as he was by Protection, with qualities and inheritance of value, as well as the reflected glory of Ohio Chief, his half brother. Many young breeders who began coming to the Briggs herd at this time, and were "up on blood lines" paid very little attention to Higgin's Model but not so with the proprietor. What North Pole was to the work of Anxiety 4th, in Guiguel & Simpson Herefords, Higgin's Model was to the reputation Red Chief I Am was soon to have as a sire. The silent partners of the young boar in his success were the sows sired by Higgin's Model and an examination of the pedigrees of that time showed that very nearly all the best material being furnished by the Briggs herd was bred according to this formula.

Among the Duroc herd boars I saw in Nebraska at that time, (and some were much more famous), I cannot think of one that appealed to the breeder of pork hogs as did Higgin's Model or did as much to popularize the then comparatively new breed among those whose favor was most important to its welfare. Of course all this became apparent later on to Mr. Briggs' breeder customers, and Higgin's Model in a pedigree was valued as much as any other name. Higgin's Model had especially good feet for that time, a clean head, strong constitution and was much more like the modern Duroc than were the better boars generally.—T. W. Morse.

## DUROC JERSEY HOGS

## Waltmeyer's Giant 429003

The great breeding and show boar, and Goldmaster sire of our boars. This breeding has won most prizes and made the farmer the most money. Vaccinated, registered, shipped on approval. Priced to sell.

W. R. HUSTON, AMERICUS, KANSAS

## Weller's Duroc Jerseys

have been sent to 61 different counties in Kansas. Boars for sale now from 50 to 300 pounds, \$12 to \$35 according to size and quality. Good breeding and bone.

J. E. WELLER, HOLTON, KAN.

## Shepherd's Boar Bargains

Eight fall yearlings, twenty spring boars, by such champions as Sensational, Pilot, Unique, Sensation, Giant Sensation, Dams by G. O. S. Pathfinder, Orion Cherry Kings, etc. Immured, big, thrifty fellows.

G. M. SHEPHERD, LYONS, KAN.

wet and heavy and produced an abundance of water. Kafir and cane are still standing in the fields, because of excessive rains. The corn crop is very light. Stock cattle are still in pastures.—J. A. Fallos.

Greenwood—About 4 inches of snow fell on Thanksgiving Day which will benefit the wheat. Alfalfa hay and rough feed will be scarce before spring. Farmers have headed the kafir and are waiting for fair weather and favorable threshing conditions. Rural market report: Corn, 80c; hogs, \$5.90; eggs, 40c.—A. H. Brothers.

Harvey—Thanksgiving Day brought the first snow of the season. Wheat is nearly

## Yes, Commander Giant

A few good spring boars by this good sire for sale very reasonable. Also open and bred gilts at reasonable prices.

J. J. SMITH, LAWRENCE, KAN.

## R. &amp; S. Farm Durocs

I invite you to visit the R. & S. Farm any time. We have 200 spring pigs and we will be pleased to show you our herd.

A Pioneer Duroc Herd

MELVIN RINEHART, Smith Center, Kan.

## Spring Boars and Weanlings

We offer a few spring boars at \$25 each and pigs of August and September farrow sired by King Pathrion and High Pathfinder, immunized and recorded. Write today.

BOHLEN BROS., DOWNS, KAN.

## 65 Sows and Gilts

Bred to Sensation King Jr., bred by E. J. Bliss, and a Pathfinder boar bred by Stants Bros., sired by Model Commander. Also a few good spring boars.

RAY V. HOPKINS, AGRA, KAN.

## A Few Choice Spring Boars

Also bred sows and gilts for sale at reasonable prices. Bred sow sale Almaena, Kan., Jan. 16, 1924; Feb. 6, 1924, Smith Center, Kan.

VERN ALBRECHT, Smith Center, Kansas

## Bred and Open Gilts

and a few good spring boars for sale at very attractive prices. Write for descriptions and prices. Best of top blood lines.

J. C. MARTIN, JEWELL, KAN.

## DUBOIS' DISTINCTIVE DEPENDABLE DUROCS

Both distinctive and dependable because we use the utmost care and selection in our breeding operations and because we believe in and apply the Golden Rule to our business. We guarantee to please you.

JAS. T. DUBOIS, AGRA, KAN.

## Extra Choice Spring Gilts

Bred to a son of Constructor and my grand champion boar. \$50 each. Also a few choice open gilts, June farrow. Out of splendid sows and boars, \$35 each. Immunized.

W. L. FOGO, BURR OAK, KAN.

## Morris Co. Champions

My Durocs won most of the first at the big Morris County Fair. Splendid spring boars for sale very reasonable. Also open and bred gilts.

J. F. MARTIN, DELAVAN, KANSAS

## Herd Boar For Sale

Sensation Col. by High Sensation and Top Col. bred dam. March 1 yearling, weighs between 600 and 700 lbs., over 40 inches high, 9 1/2 in. bone. Priced reasonable. Also good April boars by Cherry Pathfinder, a son of Pathfinder Paramount. Immunized. Write for descriptions and prices.

SHERWOOD BROS., CONCORDIA, KAN.

## Open and Bred Gilts

I offer some real bargains in either open or bred gilts of real quality, well grown and of the most popular breeding. Also bargains in weanlings. Write today.

LEO J. HEALY, COUNCIL GROVE, KAN.

## Duroc Valley Farm Offers

Bred gilts, sired by The Professor, one of the best sons of the World's Champion, Constructor. 25 topy gilts, tops of 50, sired by High Giant, Calculator, Big Bone Wonder and Model Orion Sensation. Write for prices. Address

F. R. JANNE, LURAY, KAN.

## DUROC JERSEY HOGS

## Duroc Males

One hundred and fifty immune Duroc males all sired by State Fair prize winning boars. Shipped on approval. No money down. This herd owned in Southeast Nebraska.

F. C. CROCKER, Box M, Filley, Neb.

## WORLD'S CHAMPION HARVESTER

I raised a litter of 13 by this boar and out of a line bred Big Bone Giant sow. The top boar of the litter, a big rugged fellow, I have used some and now offer for sale. A real buy for some breeder. March 6 farrow.

H. C. NELSON, BELOIT, KAN.

BIG TYPE DUROC BOARS. March and April boars. Best Sensation, Orion, Pathfinder breeding. Prices low. Immunized. J. A. Reed & Sons, Route 2, Lyons, Kansas

250 TO 300-LB. MARCH BOARS, \$25. By Pathfinder's Victory and Solitors 3rd. Crated. Pedigreed. Conrad Krieger, Sublette, Kan.



## Extraordinary Shorthorn Values

Will Be Found in the H. L. Burgess Sale  
Abilene, Kansas, Wednesday, December 19

These cattle are from the famous herd of John T. Kramer & Sons, Tulsa, Okla., one of the best herds in America. The best Scotch families are represented. Augustus, Wedding Gifts, Marr Emma, Lavenders, Secret, Emaline, Duchess of Gloster, Marr Missie, and others.

**Real Herd Bull Bargains Here.**  
There will be several young bulls in the sale sired by Imp. Proud Emblem's Heir and Roan Lavender. They are Emaline, Lavenders, Marr Missies. Several of these calves were State Fair prize winners this fall. The great herd bull, Imp. Proud Emblem's Heir, sells. Because he is keeping so many of his heifers in his herd Mr. Kramer sold me this great imported bull, a winner himself in the show rings, and sire of the famous Kramer show herd of 1920; sire of Emblem's Lavender, the only heifer that ever defeated Lady Supreme in her heifer form. You will see his get in this sale. He is one of the best imported bulls in America. Some breeders will get a bargain here. This sale includes some of the best bred cows of the breed, such as the famous show cow, Collynie Marie, bred and exhibited by Carpenter & Ross. She was sired by the \$10,000 Imp. Shenstone Albino, grand champion at the English Royal and 27 shows in America. (His son, Pride of Albion, was undefeated champion of America in 1915, etc.) The dam of Collynie Marie was Dales Gift, an International champion. The calves at foot are by and those of breeding age are bred to the noted Kramer herd bull. Owing to the drought and the epidemic of flies in Oklahoma this summer, some of these females are in thin flesh and will sell probably for less than half their value, but they will be profitable for the buyers. For catalog or full information, call or write



Kramer & Sons' First Prize Bull, Oklahoma City and Muskogee, 1920. Many Animals in the Sale of Same Breeding

**Frank S. Kirk, Sale Manager, Wichita, Kan.**

H. F. Herrick, Auctioneer.

H. L. Burgess, Owner.

### HEREFORD CATTLE

### HEREFORD CATTLE

## 2 Important Hereford Auctions At Saint Joseph, Missouri

By firms of long association with purebred livestock, proven genals as breeders, and established reputations for integrity and fair dealing.

**Jesse Engle & Sons, Sheridan, Mo.**  
Sell 35 Head on January 3

**MALES:**  
6 by Beau Blanchard  
1 by Beau Blanchard 95th  
1 by Beau Blanchard 96th  
1 by Beau Blanchard 100th  
1 by Beau Blanchard 101st  
1 by Beau Blanchard 102nd  
1 by Beau Blanchard 103rd  
1 by Beau Blanchard 104th  
1 by Beau Blanchard 105th  
1 by Beau Blanchard 106th  
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1 by Beau Blanchard 120th

**FEMALES:**  
1 by Beau Blanchard 121st  
1 by Beau Blanchard 122nd  
1 by Beau Blanchard 123rd  
1 by Beau Blanchard 124th  
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1 by Beau Blanchard 138th  
1 by Beau Blanchard 139th  
1 by Beau Blanchard 140th

Offering of calves and yearlings with the exception of one 2-year-old bull, and all of Beau Blanchard extraction.  
Beau Blanchards have popularized themselves with critical farmers, range operators, and purebred breeders by reason of their uniform adherence to type and their power to reproduce their characteristics.  
The Old Beau has passed on and this will be the last opportunity to procure a son, but from the appearance of this group of cattle and the performance of the get of Beau Blanchard 95th and 96th in the show ring, as well as their acceptance in the sale ring, it has been well established that Beau Blanchard progress is certain to be continued through the race perpetuity of his sons.

Recent occurrences in the Hereford market indicate that prices have turned upward, a fact that men in need of good bulls should take into consideration. Prospective buyers should not do these offerings the injustice of making price comparisons with cattle which might be bought elsewhere for the reason that in the Engle and Scott cattle are embodied proper type, prepotent strength, splendid breeding and a reputation that is enviable. The sales will occur at the Stock Yards. Write for the catalogs.

**G. M. Scott & Son, Bea, Mo.**  
Sell 25 Head on January 4

**MALES:**  
5 sons of Good Anxiety, out of dams by Beau Blanchard, Bright Starway, Beau Picture, Beau of All, and other noted sires—all senior calves and Junior yearlings.  
The females include:  
7 daughters of Good Anxiety  
5 daughters of Good Donald 94th  
1 daughter of Sellant Damsel  
1 daughter of Valiant Brummet  
1 daughter of Laurel Perfection.  
Ages ranging from yearlings to 3-year-olds, some with calves at foot.

This is the first draft from the Scott herd, that has been founded now four years, though an entry by this firm sold at the top of the Round-Up sale in Kansas City last spring.  
Much of the herd building has been done through the agency of Good Anxiety, a double Beau President bull that has proven his breeding worth, not only throughout the average quality of his get, but by having sired a son, held as his successor, that is superior in form to his own conformation. He is assisted in the herd by Good Donald 34th, by Good Donald 3rd.

Recent occurrences in the Hereford market indicate that prices have turned upward, a fact that men in need of good bulls should take into consideration. Prospective buyers should not do these offerings the injustice of making price comparisons with cattle which might be bought elsewhere for the reason that in the Engle and Scott cattle are embodied proper type, prepotent strength, splendid breeding and a reputation that is enviable. The sales will occur at the Stock Yards. Write for the catalogs.

### SHORTHORN CATTLE

## Tomson Shorthorns

Over 200 head of select breeding in our herds. Herd bulls for sale by our great breeding bulls, Village Marshall or Marshall's Crown. A large number of cows and heifers offered at moderate prices.  
**TOMSON BROS.,**  
Wakarusa, Kan., or Dover, Kan.

## Amcoats Shorthorns

We offer a few very choice bulls from 12 to 15 months old, straight Scotch, nice roans and real herd bull material.  
**S. E. AMCOATS, CLAY CENTER, KAN.**

## Nellum Farm Shorthorns

100 head in our herd. 10 Scotch bulls, serviceable ages. Reds and roans. Write for descriptions and prices.  
**FRED D. MULLEN & SON, Clay Center, Kan.**

## Scotch and Scotch Topped

Shorthorn bulls from 9 to 20 months old, nice roans and reds. Also a dandy lot of calves of either sex. Write for descriptions and prices.  
**C. W. TAYLOR, ABILENE, KANSAS**

**HEIFERS, COWS, BULLS**—all ages. Scotch and Scotch topped. Senior sires by Scotch Cumberland; Strake by Ashbourne Choice. Dams include Cruickshank Secrets, Bates, Young Marys. Elmer Conrad, Rush Center, Kan.

### POLLED HEREFORD CATTLE

**TRUMBO'S POLLED HEREFORDS.** Heifers: Coming yearlings to 2-year-olds, bred or open. Bulls: Calves to serviceable age. Head sires: Alb G, a Polled Success, and Echo Myrtle, a Polled Admiral. Dams: Best Ideal, Rex Onward, etc. **W. W. Trumbo, Peabody, Kan.**

### RED POLLED CATTLE

**PLEASANT VIEW STOCK FARM.** Choice bulls and heifers, calves to serviceable age. Halloran and Gambrell, Ottawa, Kan.

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

### MILKING SHORTHORNS

## MILKING SHORTHORN AUCTION

We will sell to the highest bidder the beautiful five months old red heifer, **BONNYGLEN PRIDE**. She is a Young Phyllis and her sire, Fine Valley Viewmont, is one of the best bred dairy Shorthorns in the West. His dam, Fine Valley Rose, has an official record of 13,794.2 lbs. milk and 502.90 lbs. butterfat in one year. This heifer is right in every way and a great dairy cow prospect. Mail bids will be received up to 6 P. M. December 20, and the party making the highest bid will own heifer regardless of amount bid, crated on cars and recorded free. All bids must be sent to the **HARDING BANK, Fairbury, Neb.**  
**JOHNSON & DEMOND, Fairbury, Neb.**  
**H. F. D. S.**

### POLLED SHORTHORNS



**12 POLLED SHORTHORN BULLS**  
7 to 20 months, \$50 to \$200. Also females. One Scotch horned bull and others.  
**J. C. BANBURY & SONS, FRATT, KANSAS**

### GUERNSEY CATTLE

**GUERNSEYS**  
Reg. Guernsey bull calves, May Rose breeding, 6 weeks to serviceable age. From \$25 up. Easy payments if desired. **C. F. Holmes, Overland Grass Farm, Overland Park, Kan.**

When writing advertisers mention this paper

all drilled for this season. Livestock is doing well on wheat pastures. Rural market report: Wheat, 95c; corn, 70c; oats, 45c; eggs, 42c; butter, 45c; apples, \$1.10; potatoes, \$1.15; hens under 4 pounds, 10c; hens over 4 pounds, 12c; springs, 10c to 15c.—**H. W. Prouty.**

**Jackass**—One inch of snow fell November 29. Farmers are finishing up their corn husking. The wheat crop for next year looks splendid. Stock is still running on pasture. Some farmers are holding public sales and leaving the farm. All kinds of livestock except horses are selling readily.—**F. O. Grubbs.**

**Johnson**—Weather conditions were excellent until Thanksgiving Day when 9 inches of snow fell. There have been some light rains since. Good roads meetings are being held. The question is to find an equitable means of paying for hard-surfaced roads. Wheat and bluegrass look well. Rural market report: Wheat, 90c; corn, 65c; sorghum, \$1 a gallon; sweet potatoes, \$1.25; butterfat, 50c; eggs, 48c; hens, 17c; butter, 50c.—**Mrs. B. B. Whitelaw.**

**Lyon**—The splendid weather conditions are favorable for stock. The standing corn is nearly all husked. Early sown wheat looks fine. Very few public sales are being held. The roads are in excellent condition. Rural market report: Eggs, 42c; butter, 40c.—**E. R. Griffith.**

**Linn**—We have just had our first snow storm. Kafir is nearly all out. A few farmers are plowing and a pretty good start has been made in gathering corn. Large numbers of hogs are going to market, the some of them are rather lean. There are a few public sales occasionally and prices are satisfactory. Rural market report: Hogs, \$5.25; butchering cattle, \$4.00; flour, \$1.65; shorts, \$1.70; potatoes, 90c; apples, 2c a pound; oats, 50c.—**J. W. Cline-Smith.**

**Neas**—Farmers are busy husking corn and finishing up fall work during the favorable weather conditions. Some kafir has been threshed and the yield was quite satisfactory. Some farmers have reported trouble with the Hessian fly in the wheat. Rural market report: Corn, 57c; wheat, 55c; hogs, \$5.75; hens, 14c; cream, 44c; eggs, 37c.—**James McHill.**

**Oaage**—There has been plenty of rain in this vicinity. Little fall plowing has been accomplished. Kafir is nearly all headed, but much of it will be fed to poultry without being threshed. Shocked corn fodder was injured by the rains. Prices at public sales are unsatisfactory. Farmers fear feed famine should there be a long, cold winter.—**H. L. Ferrell.**

**Phillips**—Corn husking is well under way and some have finished. The crop is yielding from 10 to 60 bushels. Weather conditions have been ideal for all kinds of fall work with no snow yet. Milk cows are in good demand at high prices, but there is little demand for hogs. Most farmers are advocating diversified farming. Rural market report: Corn, 55c; hogs, \$5; eggs, 50c; cream, 45c; butter, 45c.—**W. L. Churchill.**

**Rawlins**—We have been having excellent weather here this fall. Corn husking is progressing nicely. The yield is from 25 to 65 bushels an acre. It sells for about 50c a bushel. Wheat is in fine condition. Rural market report: Butterfat, 50c; eggs, 50c; wheat, 55c.—**A. Madson.**

**Roake**—We are having very favorable fall weather. Corn husking is progressing rapidly. Huskers are receiving 6 to 10c a bushel. Elevators are shelling their corn bought on the ear, and shipping it out. Rural market report: Wheat, 55c; corn, 50c; eggs, 30c; butterfat, 44c.—**C. O. Thomas.**

**Stafford**—The weather is exceptionally fine for this time of the year. There has been considerable complaint of the Hessian fly in the wheat. The corn yield was very light. Sales are held occasionally. Rural market report: Wheat, 55c; alfalfa hay, \$12.50 a ton; cream, 48c; eggs, 43c; butter, 45c.

**Sumner**—We are having a touch of winter here. Thanksgiving Day brought a little snow. Wheat is up and in splendid condition. Some farmers are filling silos with kafir. Livestock is doing well. Rural market report: Wheat, 55c; oats, 53c; corn, 75c; butter, 40c; butterfat, 51c; eggs, 45c.—**E. L. Stocking.**

**Southern Saline**—Corn husking is about completed and a fair crop is reported. Some wheat is being pastured. Wheat has not made much growth due to the cool weather. Some fall plowing has been completed. Practically no farm sales are being held. Dairy cows are bringing good prices.—**Roy C. Holt.**

**Wabamsee**—The weather is cloudy. A light snow fell November 23. Corn husking is nearly finished. The dry weather is ideal for pasturing the stalk fields. There is only about 25 per cent as many cattle on full feed as in other years. Wheat is looking fairly good, and no Hessian fly trouble has been reported yet. Kafir is being topped and threshed. Rural market report: Wheat, 56c; corn, 70c; butter, 35c; eggs, 35c.—**G. W. Hartner.**

### Colorado Crop Report

**Osage**—The Holly Sugar Corporation has practically given continuous open orders to the farmers for the delivery of beets. Nearly all beets were in by December 15. The campaign will last some 30 or 40 days longer. Stock has about all been brought off the range. Farmers are putting in a good supply of beet pulp. Hay will be high and scarce by spring. Corn ensilage is selling for \$5 a ton in silo.—**J. A. Heatwole.**

### Southern Kansas

By J. T. Hunter

**Lester Schroeder, Albert, Kan.**, had a number of good Herefords on exhibition at LaCrosse, Kan., recently. The present herd sire is Model Boy, a fine bred Rocky Boy sire. Romulus 35 by Romulus, a Beau Mystic bred bull out of a daughter of Lord Kitchner is sire of most of the dams. Mr. Schroeder lives 1 mile west of Albert, Kan. He has raised purebred Herefords 10 years. He now has a fine herd of registered animals.

The combination consignment livestock sale, Topeka, Kan., the week of January 14 will have in it two sons and eight grandsons of International Grand Champion Carnot, a Percheron stallion that has sired more grand champions than any other stallion in the world. This sale will have in it more Carnot breeding than any other

Percheron sale held in America this year. Their consignment sales include sales of jacks, Jennets, Shorthorns, Herefords, dairy cattle, Poland, Spotted Poland and Durocs.

**H. B. Gaeddert, Buhrer, Kan.**, sells 50 Scotch and Scotch topped Shorthorns at State Fair Grounds, Hutchinson, Kan., Tuesday, December 18. The Gaeddert herd sire is Pleasant Acres Sultan by Fair Acres Sultan. The Gaeddert herd includes a number sired by grand champions and grandsons and granddaughters of grand champions.

**A. W. Copeland, McCracken, Kan.**, has a federal accredited herd of more than 40 purebred Holsteins. Herd sire is Clothilde Ladoga, Netherlands by Dutchland Cream, Ladoga Boy. There are some A. H. O. cows in the herd. Mr. Copeland has been raising and milking Holsteins the past three years and is stronger than ever for purebred Holsteins.

**Halloran & Gambrell, Ottawa, Kan.**, is a Red Poll cattle breeding firm of long standing and excellent reputation. They have bred their cattle as nearly the dual purpose as they possibly could breed them and keep good sires. Herd sire is Teddy by Kansas City Lad and he is a 2200-pound bull. The herd is tuberculin tested and everything sold guaranteed. There is a lot of good Red Poll cattle on the farm operated by G. W. Gambrell about 4 miles east of Ottawa.

The death of Sam Dry bread of Hill City, Kansas, removed from the Hereford cattle business of southern Kansas and Oklahoma, one of the men who pioneered livestock improvement in a territory which only a generation ago was being transformed from the range to a farming country. Mr. Drybread was a progressive farmer, and a substantial citizen of his community, who for 30 years has furnished, at moderate cost, purebred Herefords and Duroc hogs for improving the farm herds of his and adjoining counties.

**Elmer Conrad, Rush Center, Kan.**, had on exhibition at LaCrosse, Kan., stock show several Shorthorns that were greatly admired by visitors. The Conrad herd numbers over 60 head of Scotch and Scotch topped Shorthorns. Senior sire is by Scotch Cumberland by Cumberland Type. Junior sire is by Ashbourne Choice by Gainford Marshall out of a Cruickshank Gordana dam. Dams include Cruickshank Secrets, Bates, Young Marys, etc. Few Western Kansas herds can show up better Shorthorns than the Conrad herd.

**J. P. Copening, Iola, Kan.**, and Roy C. Paul, Moran, Kan., are combining Holstein offerings and will hold a dispersal sale at the J. P. Copening farm Friday, December 28, 1/4 mile northeast of Iola. Mr. Copening is quitting the dairy farm because his sons who have grown up have left the farm and it leaves too much work for him to continue operation of the dairy work. Mr. Paul's consignment includes purebred and grade Holsteins. Mr. Paul has gained considerable prominence as manufacturer of homemade cheese on the farm. He has a good sized cheese press and has been using the milk from his herd to manufacture cheese which he has been selling by mail order thru the Kansas Farmer and Mail & Breeze with good success.

**The LaCrosse Stock and Poultry Show**  
Livestock breeders of Rush county, Kan., recently organized a livestock improvement association with W. L. Bailey, Rush Center as president; Harry Burton, Rush Center, vice president; Fred Kerbs, Ota, treasurer; and county agent, John Iback, LaCrosse, secretary. The association put on a livestock and poultry show at LaCrosse, Kan., Dec. 7 and 8. Response was gratifying. Four Hereford breeders showed 29 animals; two Shorthorn breeders showed 12 head; one Holstein breeder showed 6 head; three Poland breeders showed 13 head. Several of the animals shown were exceptionally good. This livestock show was brought in from the pastures and shown in the rough with no special fitting. The poultry show was put on as a sort of experiment. It was perhaps the biggest feature of the whole affair. At least it was the greatest surprise to exhibitors and visitors. Farmers brought in chickens, turkeys, geese, and ducks until by actual count there were 345 entered the first day and more expected the next day. A large vacant building was fitted to overflowing with poultry. The judge from the Agricultural college stated that it was one of the finest exhibitions of poultry he had seen put on by farmers and that the poultry was surprisingly well grown out to have been raised under ordinary farm conditions. 43 farmers and farmers' wives consigned the

### SPECIAL RATES

## For Purebred Livestock Advertising

For \$1.20 per issue you can have your advertisement printed under the proper breed classification of the Kansas Farmer and Mail and Breeze, in a space of three agate lines, which will carry from 10 to 20 words, depending on the kind of type used. Figure any larger space on the basis of 40 cents per agate line.

Thus a space of 10 agate lines, or about three-fourths of an inch deep and one column wide costs \$4, which means that for you we carry this advertisement (containing 20 to 60 words, depending on the type you use) to the farmers of Kansas and Eastern Colorado, at about three and a quarter cents for each 1,000 farms reached. No other advertising is so economical.

Write your own advertisement or send us the facts about your herd and what you have to sell, and we will be glad to fix up your advertisement for whatever space (of three agate lines or more) you say. Ask about small stock cuts for free use in advertisements.

For public sale advertising be sure you start early enough. You can interest a given number of prospective buyers at less expense by running a moderate advertisement in 3 or 4 issues before your sale than by waiting until there is only time for one advertisement. Consult the fieldman in such matters, or write them as follows:

**John W. Johnson, 320 Lincoln St., Topeka, Kan.**, for the northern territory; **J. T. Hunter, 3734 East Central Ave., Wichita, Kan.**, for the southern territory.

Or send your instructions to **T. W. Moore, Director of Livestock Service, Copper Farm Exes, Topeka, Kan.**



poultry. Farmers in increasing numbers are tired of raising just poultry and are eager to get the best to be had and enjoy growing it out and like to exhibit in competition with other farmers. Business men of LaCrosse were very much interested in putting on the show and contributed liberally toward financing the enterprise.

#### Prospects Good for Kansas National

Preparations for the Eighth Kansas National Livestock Exposition, Wichita, Kan., January 28-February 2, are moving along in full swing. Livestock shows include Shorthorns, Herefords, Holsteins, Polands, Spotted Polands, Durocs, sheep, Percherons, jacks, jennets, carload steers, baby beef, poultry, and pet stock. Sales will be held in most all breeds shown. Horace Ensign, manager of the exposition, states that information at hand indicates that entries will be filled rapidly. One matter of considerable importance to exhibitors is that of a recent tariff ruling of the western trunk line railways providing that stallions or jacks may be shipped in mixed carloads with other kinds of livestock if partitioned off from other animals. Heretofore jacks and stallions shipped to exhibitions like the Kansas National had to be shipped separately or at local rates. Other lines of railways will likely take similar action making the rule universal. The Kansas National has always been a big affair. This year the important features of preceding exhibitions will be retained and new ones added. There will be an industrial arts exhibit. Startling and thrilling entertainment features beyond that of last year will be introduced at the night shows.

#### A Line of Prize Winners

"Well, now, the jack that can beat old Kansas Chief in the show ring, old as he is, will know that he has been to some jack show, all right," said H. T. Hineman, Dighton, Kan., as we stood and watched the 13 year old world's grandchampion, the never defeated grandchampion, Kansas Chief, pace the fence like a youngster. Hinemans showed Kansas Chief at the Panama Exposition and won world's grandchampionship with him. They bought the grandchampion jennet at the same exposition. The Hineman jack farm is more than a farm; it is an institution. It's the greatest jack breeding farm in the world. Hinemans have shown at all the big shows in this part of the country the past eight years and not once have they failed to win grandchampionship in jacks, jennets, and mules. Today, on the Hineman farm are over 100 jennets, 75 of which average over 1000 pounds. There are at least 65 jacks ranging from colts to breeding age. The mules sired by the Hineman jacks are a wonderful lot. One mule, Queen, by Kansas Chief, has been Kansas grandchampion for the last four years. Last state fair she defeated the Missouri grandchampion and the Illinois grandchampion, and they raise real mules in those two states, too. One jack, Great Western, has been Kansas grandchampion 4 years in succession. Special choice of all the jacks is Perfection Chief by Kansas Chief. This 2 year old youngster is the making of a wonderful sire. He is out of grandchampion dam that in turn was sired by the St. Louis Exposition grandchampion. This young jack has more blue blooded grandchampion breeding in his veins than any other jack now living. The highest sale average in the world in any jack and jennet auction sale was made at the Hineman farm three years ago. Mr. H. T. Hineman and the son, George, have made an enviable record in the jack breeding business and they have made this record on the western plains of Kansas. It also appears that it will be a long time before their record for producing great jacks and mules will be surpassed.

#### Northern Kansas

By J. W. Johnson



Booz & Bradskey, Portis, Kan., will sell Chester White bred sows and gilts Jan. 31.

A. B. Hammer, Clifton, Kan., will sell 60 Spotted Poland Chinas at auction at his farm, Feb. 15. It is a dispersion sale.

Ray V. Hopkins, Agra, Kan., has 65 Duroc Jersey bred gilts that he is going to sell at private sale rather than hold a bred gilt sale. They are practically all bred now.

Geo. Wharton, Agenda, Kan., is reserving his Poland China gilts for his bred sow sale, Feb. 26. He has raised a nice lot of Bronze turkeys this year.

H. B. Walter & Son, Bendena, Kan., will sell Poland China bred gilts Feb. 7, and the entire offering will be gilts, mostly fall gilts and those who have seen them say they are certainly great.

When S. B. Amcoats secured the Robt. Russell herd of Scotch Shorthorn cows, Henry M. Baler of Manhattan secured the splendid herd bull, Marshal Augusta and he has over 50 cows to breed to him.

Wm. Fogo, Burr Oak, Kan., has called off his February bred sow sale because he has sold a nice lot of gilts this fall. He will dispose of the rest of his bred gilts at private sale.

O. R. Strauss, Milford, Kan., has called off his Jan. 25 Poland China bred sow sale because he will not be able to get them ready for a sale that early. He has a fine lot of gilts and may hold a bred gilt sale later on in the year.

Jas. T. Dubois, Agra, Kan., has enjoyed a good sale in Duroc Jersey boars and has recently made a good sale of bred gilts. His new boar, Pathfinder's Orion Boy is a 700 pounder at 18 months and promising. He combines the blood of the best in the breed.

W. J. Weisner, Manhattan, Kan., will sell Shorthorns at his farm near there Feb. 14. Mr. Weisner has been a good buyer at leading Shorthorn sales for the past two or three years and is pretty well known as a breeder of Shorthorn cattle.

Ople O. Mowory, Luray, Kan., breeds Duroc Jerseys and has a nice lot of spring gilts he is about thru breeding for spring farrow. He had thought some of holding a bred sow sale but would prefer to sell them at private treaty if possible. They are bred to his new herd boar, Improver.

Nellum Farms, Clay Center, Kan., is the Fred D. Mullins & Sons Shorthorn farm

where they have over 100 head. "Joe" Mullins, the junior member of the firm is the better known because he has attended many of the best sales of the country where he has always been a good purchaser.

Ed Nickelson, Leonardville, Kan., will hold his annual Hereford sale at the farm near Leonardville, Jan. 15. He has over 200 head of Herefords and on this farm is his Beau Breadwell Herefords which he is dispersing because of a change in management on this farm.

R. J. Bazant, Narka, Kan., is the big breeder of registered Spotted Poland Chinas at that place and owns another good herd at Steele City, Neb., near Fairbury. The sale at Fairbury Jan. 1 is called off but he will sell there in the sale pavilion Jan. 13. The bred sows in that sale will be from the Steele City herd.

S. B. Amcoats has bought the Robt. Russell herd of Shorthorns at Muscotah, Kan. This was the only Scotch herd of Shorthorns in Atchison county and considered one of the best small herds of Shorthorns in the state. He secured along with the 14 cows, Marshal Augustus, a Tomson bred bull that was sold to Henry B. Bayer of Manhattan. This nice herd is extremely well bred and a rare selection of individuals and will strengthen the already strong Amcoats herd.

#### NEWS OF OTHER STATES

By Copper Farm Press Fieldmen

Two important Hereford auctions will be held at St. Joseph, Mo., the first week in January. January 3, Jesse Engle & Sons of Sheridan, Mo., sell and January 4, G. M. Scott & Son of Rea, Mo., sale.

The Nebraska State Holstein Breeders' Association midwinter sale will be held at Beatrice, Neb., on January 23. Consignments will be inspected and received up to 60 head. The annual association sale and banquet will be held at Beatrice the evening of the sale. F. E. Hager of Beatrice is chairman of the committee having charge of the sale arrangements.

#### Public Sales of Livestock

##### Shorthorn Cattle

Dec. 18—H. B. Gaedert, Buhler, Kan. Sale at Hutchinson, Kan.  
Dec. 19—H. L. Burgess, Chelsea, Okla. Sale at Abilene, Kan.  
Dec. 20—Magor Bros., Auburn, Neb.  
Jan. 23—American Shorthorn Breeders' Association, Denver, Colo.  
Jan. 30—American Shorthorn Association, Wichita, Kan.  
Feb. 14—W. J. Weisner, Manhattan, Kan.  
Feb. 16—A. C. Lobough & Son, Washington, Kan.  
Mar. 25-26-27—Central Shorthorn Association, Kansas City, Mo.  
April 10—Shortgrass Breeders' Association, Morland, Kan.

##### Holstein Cattle

Dec. 28—J. P. Copening and Roy C. Paul. Sale at Iola.  
Jan. 23—State Holstein Breeders association sale, Beatrice, Neb.  
Jan. 25—"Show Sale" Wichita, Kan.

##### Hereford Cattle

Jan. 3—J. S. Engle & Son, Sheridan, Mo. Sale at St. Joe, Mo.  
Jan. 4—G. M. Scott & Son, Rea, Mo. Sale at St. Joe, Mo.  
Jan. 15—Ed Nickelson, Leonardville, Kan.

##### Jersey Cattle

Dec. 20—J. B. Hunter, Denton, Kan.

##### Chester White Hogs

Jan. 28—Earl Lugenbeel, Padonia, Kan., at Hiawatha, Kan.  
Jan. 29—Wiemers Bros., Diller, Neb.  
Jan. 30—Wm. Buehler, Sterling, Neb.  
Jan. 31—Booz & Bradskey, Portis, Kan.  
Feb. 1—W. W. Carper, Dunbar, Neb.  
Feb. 13—Allen D. Curry and F. E. Shirley, Norton, Kan.  
Feb. 25—Earl Lugenbeel, Padonia, Kan., at Hiawatha, Kan.  
March 1—H. C. Krause, Hillsboro, Kan.

##### Poland China Hogs

Jan. 26—Fitzsimmons & Pride, White City, Kan.  
Feb. 1—Thos. F. Walker & Son, Alexandria, Neb.  
Feb. 7—H. B. Walter & Son, Bendena, Kan.  
Feb. 8—J. C. Dawe, Troy, Kan., at Bendena, Kan.  
Feb. 9—L. E. Knox, South Haven, Kan.  
Feb. 11—A. L. Wiswell & Son, Ocheitree, Kan.  
Feb. 15—C. J. Shanline, Turon, Kan.  
Feb. 16—A. C. Lobough & Son, Washington, Kan.  
Feb. 18—Logan Stone, Haddam, Kan.  
Feb. 26—Geo. Wharton, Agenda, Kan.

##### Spotted Poland China Hogs

Jan. 10—Henry J. Haag, Holton, Kan.  
Jan. 16—E. E. Feckler, Manchester, Kan.  
Feb. 15—A. B. Hammer, Clifton, Kan.  
Feb. 16—W. H. Sheldon, Inavale, Neb. Sale at Red Cloud, Neb.  
Jan. 17—R. J. Bazant, Narka, Kan.  
Feb. 19—R. R. Frager, Washington, Kan.  
Feb. 20—J. S. Fuller, Alton, Kan.  
Feb. 21—R. J. Bazant, Narka, Kan.  
Feb. 27—Dr. J. A. Beveridge, Marysville, Kan.  
Feb. 28—Community Breeders Sale, Chapman, Kan.

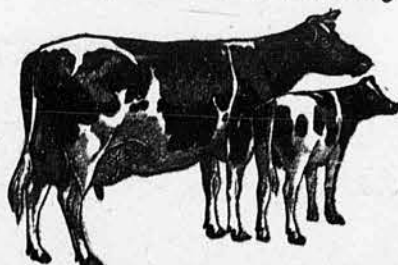
##### Duroc Jersey Hogs

Jan. 16—Vern Albrecht, Smith Center, Kan., at Alma, Kan.  
Jan. 28—Dr. T. P. Rose, York, Neb.  
Feb. 2—E. O. Hull, Reece, Kan.  
Feb. 4—Frank J. Schaffer, Pratt, Kan.  
Feb. 6—Zink Stock Farms, Turon, Kan.  
Feb. 6—G. M. Shepherd, Lyons, Kan.  
Feb. 6—Vern Albrecht, Smith Center, Kan.  
Feb. 4—E. E. Norman, Chapman, Kan.  
Feb. 7—Woody & Crowl, Barnard, Kan.  
Feb. 7—M. I. Brower, Sedgwick, Kan.  
Feb. 8—W. H. Fuls, Langdon, Kan.  
Feb. 8—W. D. McComas, Wichita, Kan.  
Feb. 8—L. L. Humes, Glen Elder, Kan.  
Feb. 9—Breeders' sale, Concordia, Kan.  
Feb. 9—G. B. Woodruff, Winfield, Kan.  
Feb. 11—Leo J. Healy, Council Grove, Kan.  
Feb. 12—W. R. Huston and S. M. Biddison & Son, Americus, Kan.  
Feb. 13—H. E. Mueller, Macksville, Kan.  
Feb. 14—Glenn Loughhead, Anthony, Kan.  
Feb. 18—D. Arthur Childers, Emporia, Kan.  
Feb. 23—G. W. Bickelstaff, Oberlin, Kan.  
Feb. 23—Ray Cooley, Plymouth, Kan., and Will Albin, Saffordville, Kan. Sale at Emporia, Kan.  
Feb. 25—Mike Stensaa & Sons, Concordia, Kan.  
March 12—John Hern, Wamego, Kan.

## Copening-Paul Holstein Dispersion

Iola, Kansas, Friday, December 28, 1923

53 Registered & Grade Holsteins



Including 25 cows now milking, some recently freshened others to freshen soon. Giving good quantity of milk. 16 heifers, most of them bred to begin freshening soon and to continue up to spring. 11 calves, one 4 year old herd sire, a grandson of King Segis Pontiac out of a 19 pound dam. A number are by or bred to this sire. These are young Holsteins from tuberculin tested herds.

TERMS TO RESPONSIBLE PARTIES.

Mr. Copening is selling horses, purebred hogs, alfalfa, corn, machinery and well equipped 92 acre farm. Sale at Copening farm 1/2 mile northeast of Iola, Kan. For further information address

J. P. Copening, Iola, Kan., or Roy C. Paul, Moran, Kan.

Newcom, Smock, Bishop—Auctioneers. J. T. Hunter, Fieldman.

## 200 Holsteins For Sale

Having sold my banking interests in Hope to take a position in Chicago, I must sell all of my Holsteins before the first of the year.

75 are high grade springing cows and heifers of high producing strains.

My entire herd of pure bred cows and heifers.

Heifer calves, bull calves and young bulls ready for service.

These cattle are all Kansas bred. Quick action will make you money here if you want Holsteins.

## Hope Holstein Farm

Hope, Kansas

Hope is in Dickinson County.

## Holstein Cows For Sale

40 reg. and high grade Holstein cows. Fresh and heavy springers. Parkview Farm, Rt. 8, Topeka, Kan. Opposite Gage Park.

## Shungavally Holsteins

We have decided to spare a few females, any age to suit purchaser. We have more state records in the 305 day division than any herd in Kansas in our fourth year of continuous testing. Buy your bull calf now. IRA ROMIG & SONS, Sta. B, Topeka, Kan.

## 20 Reg. Holstein Cows and Heifers

For sale. Herd federal accredited. Most of them raised on my farm. Member Mulvane Breeders' Club. Round barn 2 miles south of Derby. R. E. HOPKINS, DENBY, KAN.

## MOTT'S SALE CALENDAR

### Coming Holstein Sales

Dec. 13—L. F. Cory & Son, Belleville, Kan.  
Jan. 25—"Show Sale," Wichita, Kan.  
If you want to buy write to Mott. If you want to sell write to Mott. Address, Herington, Kansas.

**HOLSTEIN HEIFER CALVES, \$17.50**  
High grade from good producing stock in tuberculin tested herd. Crated, f.o.b. Topeka, \$17.50. Parkview Farm, Rt. 8, Topeka, Ks.

**BRED OR OPEN HEIFERS AND COWS**  
Bulls—calves to breeding age. Sired mostly by Romulus 38, a Beau Mystic sire. Bred females in service to Model Boy by Rocky Boy. Lester Schroeder, Albert, Ks.

**BULLS.** Calves up to mature bulls. Some out of A. R. O. dams. Federal accredited herd. Might sell a few females too. A. W. Copeland, McCracken, Kansas

**FOR THE VERY BEST HOLSTEIN** or Guernsey calves 7 to 9 weeks old, write Spreading Oak Farm, Whitewater, Wis.

**BRAEBURN HOLSTEINS**  
Bull calves for sale; also cows and heifers. H. B. Cowles, 433 Kansas Ave., Topeka, Kan.

**BARGAIN IN HOLSTEIN FOUNDATION**  
Valuable registered bull and 4 high grade heifers cheap. D. R. Banta, Tecumseh, Kan.

When writing advertisers mention this paper

## Kansas National Livestock Exposition

Wichita, Kan., Jan. 28 - Feb. 2

Show includes Shorthorns, Herefords, Holsteins, Polands, Spotted Polands, Durocs, Sheep, Carload Steers, Baby Beef, Poultry, Pet Stock, etc. Sales of most all breeds shown. Reduced railway shipping charges. Liberal premiums. Reasonable stall, pen and sale charges. Exhibitors may furnish own feed or buy from dealers. Retaining important features of the seven preceding expositions and adding more. Startling and thrilling entertainment at night shows. Entries for shows and sales coming in daily. For premium list or further information address

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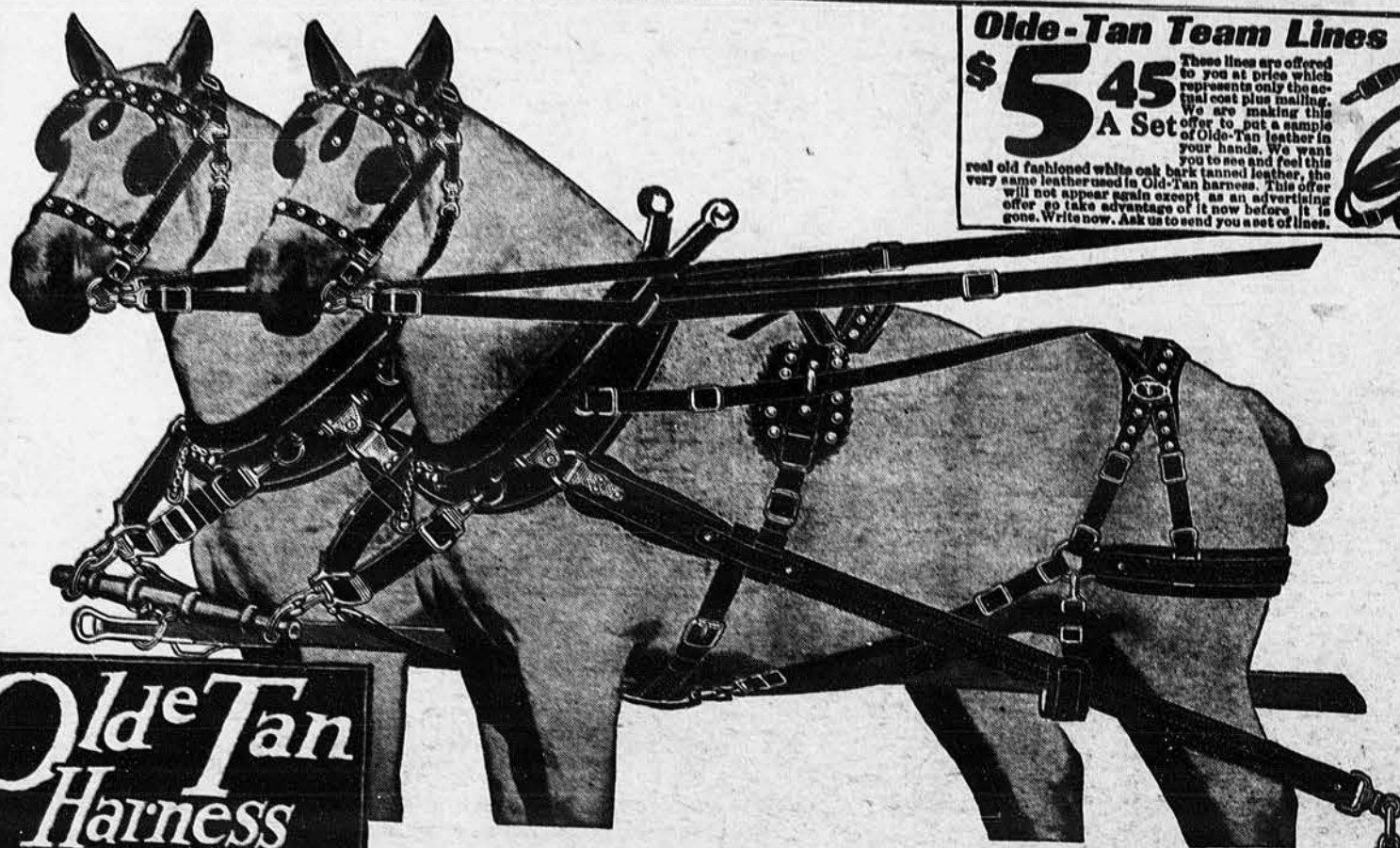
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COATES HOTEL CO.

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**\$5.45**  
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These lines are offered to you at price which represents only the actual cost plus mailing. We are making this offer to put a sample of Olde-Tan leather in your hands. We want you to see and feel this real old fashioned white oak bark tanned leather, the very same leather used in Olde-Tan harness. This offer will not appear again except as an advertising offer go take advantage of it now before it is gone. Write now. Ask us to send you a set of lines.

20 Feet Long  
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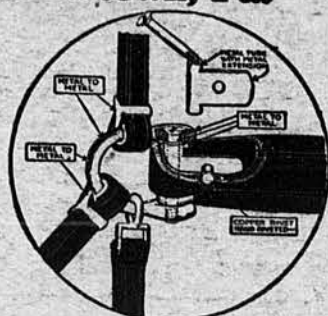
**Old Tan  
Harness**

# "I Like Metal-to-Metal Better Every Day"

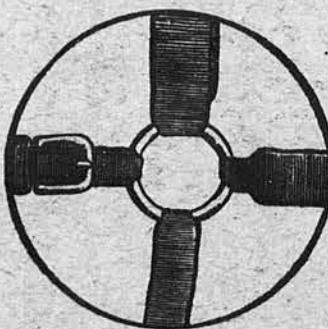
— Fred K. Bates,  
Jamestown, Pa.

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Never this in metal-to-metal construction. All pull and strain and wear is on metal.



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