

KANSAS SECTION THE CAPPER FARM PRESS

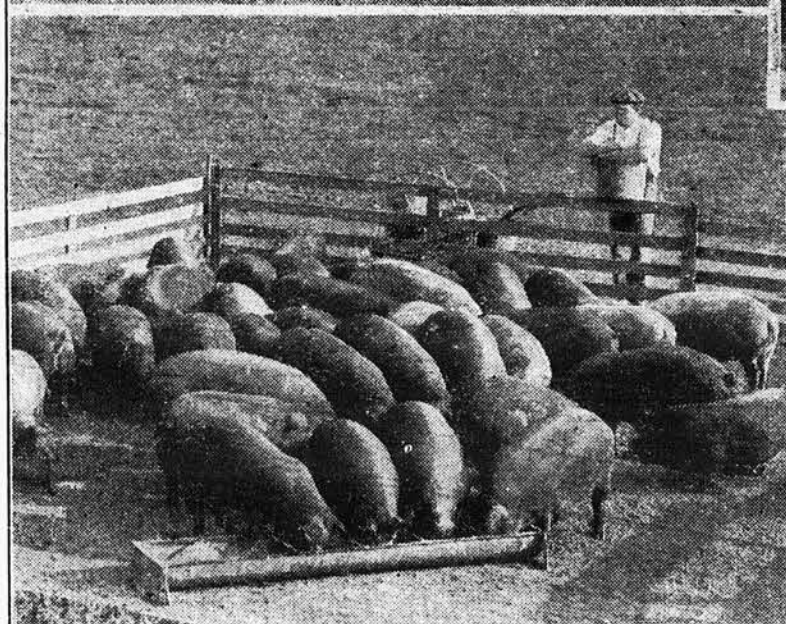
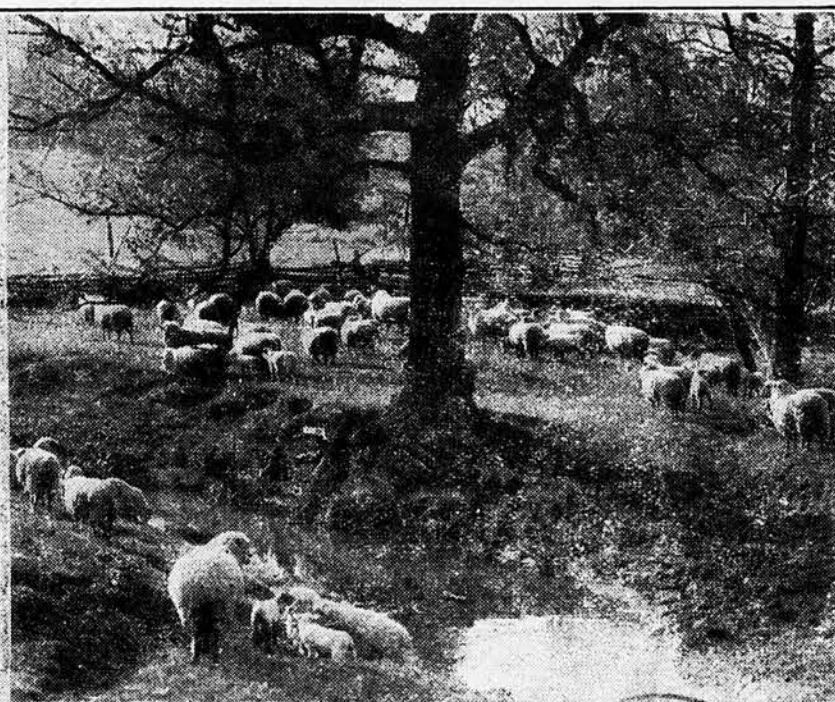
KANSAS FARMER AND MAIL & BREEZE

Volume 61

April 7, 1923

Cop. 2

Number 14





If the subscriber paid direct

Suppose that every Monday morning all the people who have a hand in furnishing your telephone service came to your door for your share of their pay. From the telephone company itself, would come operators, supervisors, chief operators, wire chiefs, linemen, repairmen, inspectors, installers, cable splicers, test-boardmen, draftsmen, engineers, scientists, executives, bookkeepers, commercial representatives, stenographers, clerks, conduit men and many others, who daily serve your telephone requirements unseen by you.

There would be tax collectors to take your share of national, state and municipal taxes, amounting to over forty million dollars. There would be men and women coming for a fair return on their money invested in telephone stocks and bonds—money which has made the service possible.

Then there are the people who produce the raw materials, the supplies and manufactured articles required for telephone service. They would include hundreds of thousands of workers in mines, smelters, steel mills, lumber camps, farms, wire mills, foundries, machine shops, rubber works, paint factories, cotton, silk and paper mills, rope works, glass works, tool works, and scores of other industries.

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ASK YOUR DEALER

Jayhawker's Farm Notes

Too Early Yet to Determine the Damage Done to Spring Crops by the Freeze

BY HARLEY HATCH

THE first day of official spring—March 21—was real spring weather but the three preceding days were winter of the fiercest sort. Zero was reached by the mercury and the ground was frozen to a depth of 4 inches. Luckily little or no moisture came with the storm so it was not as hard on stock as it might have been.

What it has done to the oats and fruit can scarcely be told at this writing—March 24. Potatoes are frozen in the ground. We have examined the oats and find good sprouts apparently unharmed but it is still too early to be sure.

We never have known of but one freeze so severe coming on sprouted oats and that was in Nebraska many years ago. On newly sown oats in about the same condition as they were here this week there came a freeze about like the one of this week. It thinned out the stand considerably but the crop was left and it made a fair yield. Wheat does not seem to be harmed but it is going to be later than for several years unless there is a radical change in the weather soon.

Watch the Fire Insurance Policy

Some day soon, and the sooner the better, it will pay every reader of this column who carries insurance to look over his policies and to note if some of them have not expired. The writing of this paragraph was brought to mind by the recent experience of a resident of this county who suffered the loss of his house by fire a short time ago. He was asked the next day after the loss if he carried insurance and he replied that he did and was fairly well protected. He changed his mind a little later, however, when he looked up his policy and found that it had expired 10 years ago.

In general, the agents with whom one insures keep a close watch on the date of the expiration of the policy so that they may get the renewal of it; this is fortunate for many, as were it not for the jogging their memory gets from the agent they would be in the same fix as the man who had not thought of his policy for 10 years.

Another matter to investigate is the amount of the policy. Building costs have advanced so greatly in the last five years that a policy which was ample in amount at the time it was written is now but little protection. Even tho the policy may not be ex-

pired it will be best to make the amount large enough to cover the present value.

Raising Cattle No Small Job

The week which ended March 24 was so much like the middle of a hard winter that but little or no field work was done on this farm. In times like that it requires about double the usual time to do the chores. We have cattle in five different yards; we raise them "from the calf up" and that means many different sizes and ages and they must be kept separate if they are to do well. It is easy to see why many stockmen do not keep cows but buy their young cattle.

To keep cows and raise calves means much more work and expense but it has one advantage—that of being a safe and certain way of keeping in the cattle business.

If the profits are not at times so great as are the profits of handling mature cattle exclusively, there is also less likelihood of large losses when years like 1920-21 roll 'round. At any rate, we now have 72 head of cattle, big and little, to look after. The spring crop of calves has about half arrived and so far not a one has been lost. Our chores are made less by having running water in every yard and by having feed racks which can be filled from the outside.

Timothy and Alsike

From Williamsburg, Kan., comes an inquiry regarding the preparing of wheat stubble for timothy and Alsike to be used as pasture. This inquirer says he has sown this same field twice to timothy and once to clover in the spring with wheat and has had no success. In sowing grass seed on growing wheat in this part of Kansas I should not consider that I had more than one chance in five of getting a stand; this farmer has tried it three times and has had three failures. He asks if he should plow this wheat stubble or disk it in order to prepare it for grass seed. Our experience in this soil—which is almost identical with that around Williamsburg—is that disking is by far the best altho I should prefer stalk ground to stubble for sowing grass seed. Disk the stubble up well and then sow about April 1, preferably just before a rain if you can find such a time, and you will have done about all you can do to insure a stand; next July and August will finish the story.

Now is a Fine Time to Start

THE way out of present difficulties in Western Kansas and Eastern Colorado isn't thru expecting deliverance to come by trying crops and methods which have not become established as the result of experience in normal times. Yet that appears to be the first thing which occurs to some agricultural uplifters. Trying and doing some of the things proposed in recent years have, to some degree, contributed to the tribulations of many farmers.

Thruout all of the Plains area with average annual rainfall of from 15 to 25 inches, where winter wheat is grown, the prospect for a crop is slim. That's nothing unusual. It's the exception when the situation is the reverse. Wheat growers in this region now are wondering what to do. And advice is abundant.

They should apply the results of their own experience and observation and of careful investigations of methods of wheat growing made in this region. These are summed up and put into definite and simple form in the Wheat, Feed, and Moisture Rotation plan, mentioned last week in Kansas Farmer and Mail and Breeze. Wheat growers on the Plains should begin now preparing a third of their cultivated land, and no more, for wheat next fall. Preparing this land for wheat consists in doing whatever is necessary to store moisture in it, thru preventing any growth on it between now and seeding time and keeping the surface in condition to absorb the rain which falls.

Another third of the cultivated land should now be in course of preparation for planting to feed crops this spring, and perhaps some of it to broomcorn, but only in localities where experience has shown this crop to be safe. The feed crops should be those adapted to local conditions and should cover as wide a range as is safe.

The other third of the cultivated land, where wheat was seeded last fall, should be left alone and given a chance to make a crop. No attempt should be made to get it ready after harvest for seeding to wheat next fall. This is the land to be used for feed crops in 1924.

Look around you and talk with your neighbors. You will find instances in every locality where following some part of this plan has brought yields when other methods failed. No change in climate which will make farming safer on the Plains will come while we live. But the adoption by all farmers of methods of soil preparation and rotation which a few farmers are now using will make farming safer for all.

KANSAS FARMER and MAIL & BREEZE

April 7, 1923

By *Arthur Capper*

Vol. 61 No. 14

A Reputation for \$750

The Holstein Bull, Vanderkamp Segis Pontiac, Has Brought a Fortune to Collins Farm and Well Deserved Fame to Kansas

By M. N. Beeler

SOLD to the gentleman from Kansas," thundered the auctioneer as he whacked the narrow pine board before him with his selling gavel. Ira F. Collins, of Sabetha, had bought a bull—and a future reputation as a Holstein breeder—for \$750. That was a long price for an untried bull in those days. But the auctioneer's prediction of his future has been justified. It was a great day for Kansas Holsteins when Vanderkamp Segis Pontiac was brought to Nemaha county.

He was purchased by Mr. Collins largely on his individuality, although his mother at that time had a seven-day record of 20 pounds of fat. It was fortunate for Mr. Collins and for future Kansas Holstein business that his dam had no further records. K. P. Pontiac Lass has since completed four 30-pound records and a yearly record of 1,052 pounds of butter from 22,250 pounds of milk. Had her abilities been known, her bull calf would have brought a higher price and might have gone elsewhere.

Holds 12 State Records

For eight years this bull has been in the herd. His daughters hold 12 state records, more than those of any half dozen other bulls in the state, according to A. G. Van Horn who is now a partner with Mr. Collins and manager of the herd. He has 25 A. R. O. daughters, more than any other bull in service in the state. Forty of the females in the present herd of 125 head were sired by him. He is likewise the only bull in the state who has two daughters that made 1,000 pounds of butter as 3-year-olds. Ten daughters hold yearly

records at 2 and 3 years old, ranging from 634 to 1,142 pounds of butter.

Collins Farm Violeta Lady Truth completed a yearly record of 1,142 pounds of butter from 23,736 pounds of milk in December, 1921. She stood third among all cows of the breed in the United States that year. As a senior 3-year-old and at her second freshening she made a state butter record for her class in the seven-day division by producing 29.3 pounds from 556 pounds of milk. In 30 days she produced 115 pounds of butter and

2,380 pounds of milk, which were both state records. Within eight months after her first calving as a 2-year-old she broke a state record. She is a daughter of Vanderkamp Segis Pontiac.

A herd mate, Little Tognus Colantha Korndyke, as a senior 3-year-old, produced 23,883.6 pounds of milk which contained 795.82 pounds of fat. She was awarded a silver loving cup for making the highest butterfat record of any cow in Kansas during 1922.

Testing has been done only since

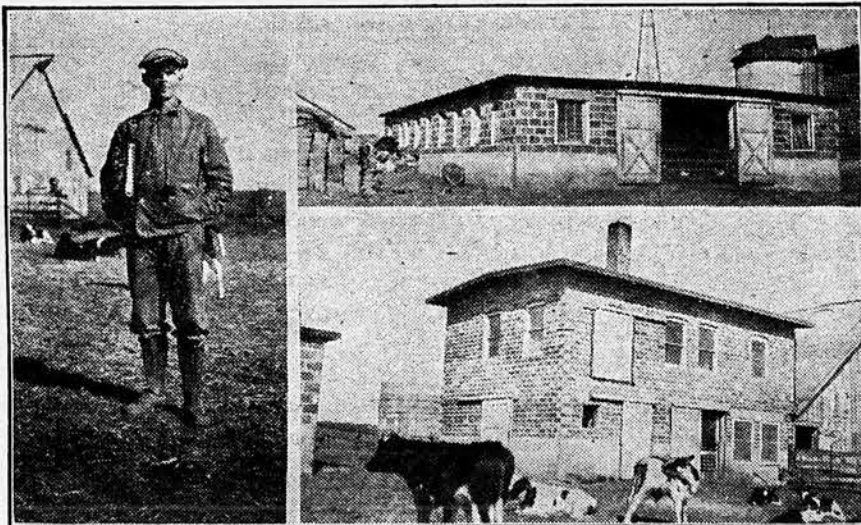
Van Horn became connected with the farm. He was graduated from the Kansas State Agricultural College in 1916, spent 18 months on the farm immediately after that and then became agricultural agent for Wyandotte county. Four years ago he returned to Collins farm as manager. All records on the farm have resulted from semi-official testing done since that time. Aside from the records made by the daughters of Vanderkamp Segis Pontiac, two, of approximately 900 pounds butter and 21,000 pounds milk each, have been made on daughters of a former herd sire.

As a successor to the senior herd sire, Collins Farm has a promising youngster, Marathon Bess Burke 3d., who was purchased from John Erickson, Waupaca, Wis. This youngster's dam as a junior 3-year-old had the highest record of any cow in her class in the country during the test year, 1920-21. She produced 1,070 pounds of butter and 23,000 pounds of milk.

Makes an Excellent Record

As a 4-year-old, last year, she gave 28,000 pounds of milk and 1,239 pounds of butter. According to Erickson there is no other cow of any breed under 5 years' old that has a two-year production of milk and fat equal to this.

This bull's granddam on his sire's side has a record of 1,164 pounds of butter and 26,000 pounds of milk in a year. He is a line bred Ormsby Bess Burke and traces four times to Sir Pieter Ormsby Mercedes who has more "thousand-pound" daughters than any other bull of the breed. On the other side he traces three times (For Continuation Turn to Page 12)



The Dairyman With the Herd Book Under His Arm Is A. G. Van Horn, Manager of Collins Farm. Above—the Calf Nursery. Below—the milk Room

Hunter Builds a Monument

By Frank A. Meckel

SOME men build monuments of bronze and granite to perpetuate their memory among their fellowmen, but Richard Hunter, farmer and stockman of Cottonwood Falls chose to build a home and let that do for his monument.

As a matter of fact, the Hunter home will no doubt serve much better in that capacity in years to come than would a statue of bronze or granite, and meanwhile, it serves as one of the most comfortable and modern homes in Chase county, which is considerably more than can be said of most homes of today or any other day.

The house stands back from the road about 150 feet and there is a wide stone walk running from the road to the front porch. This walk is lined with shrubs and bushes which give the place a very pleasing appearance and the entire front lawn is shaded by large spreading trees.

The house itself is of frame construction with a slate roof. There is a large porch which extends all the way across the front and part of the way around one side. Steps lead to this porch from the front and also from the side so that visitors coming up the driveway can step out of their cars or buggies and enter from the side without walking around to the front of the house.

Hunter has equipped his home with all of the comforts and conveniences of life and has made it modern in every respect. There are few houses in the city which are more complete or modern than this farm home. It is heated by means of a steam heating plant, and lighted with electricity.

The current is supplied by a farm electric plant which also supplies the "juice" for lighting all the barns, chicken house and other outbuildings on the farm.

There is a fully equipped bath room and a system of running water which is supplied by means of a large overhead water tank. This tank is elevated on a steel tower and stands about 50 feet off the ground. It is considerably higher than the second story of the house so that there is plenty of water pressure on the second floor. Water from this tank has been

pipled to the feed lots and barns as well as to the house and there is always a fresh supply of water available for the livestock.

A windmill which stands close to the tank is used for power in pumping the water into the tank. From there it flows by gravity to all the outlets. Hunter feared that there would be some danger of freezing in the pipe which leads from the tank to the ground, so he built a box 2 feet square all around this pipe for its entire length and has filled this box with sawdust. This has proved very ef-

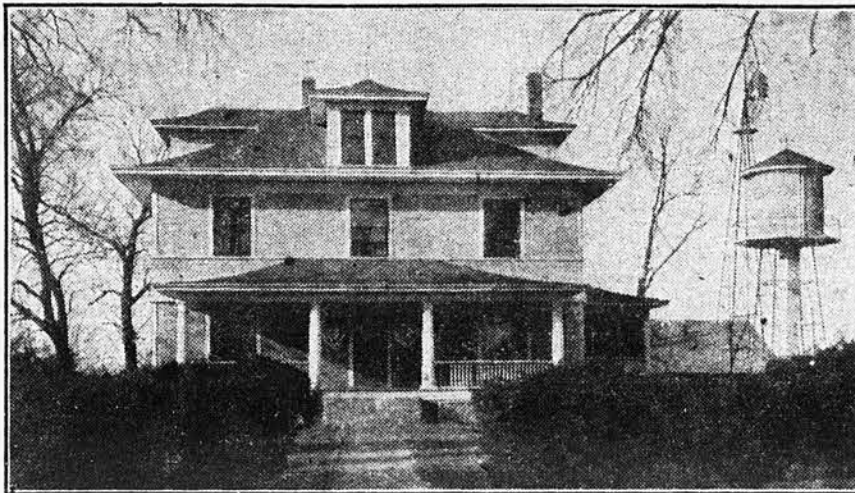
fective in the prevention of freezing. The tank is of wood and there is no danger of freezing in the tank itself.

Unlike most wooden tanks, this one is slightly as well as practicable. It has been covered with shingles and painted the same color as the house and the water system gives a very pleasing appearance to anyone passing along the road.

This farm is one of the finest in the country. It lies right on the main road between Emporia and Cottonwood Falls and is passed every day by hundreds of people in motor cars. How much better it is to have a place appear well kept and modern, rather than run down when so many folks are passing your way.

At present, Hunter is not living on this farm. He has recently gone to Arizona and is developing some farm land in that section of the country, but his home is in good hands and is advertising his vision and faith in the farm as a home as well as a place of business.

When more folks consider the farm from that angle as well as from the business angle there will be more fine farm homes in Kansas. After all, there is no one more entitled to the comforts of a good modern home than the man who feeds the world, and the fact that the modern homes are increasing in number all the time is evidence that farm folks are thinking just that very thing. They are building monuments just as Mr. Hunter has done. Monuments which serve them while they are alive rather than those which only tend to perpetuate their memory after they have passed on to the next world.



This is the Modern Home on the Richard Hunter Farm. The Water Tank and Windmill are Shown at the Right in the Background

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Passing Comment—By T. A. McNeal

APPROXIMATELY 2,000 million dollars a year is required to pay the fixed charges of the Government growing out of the World War and other wars. These fixed charges are approximately as follows: 950 million dollars interest on the public debt; 350 million dollars sinking fund; 250 million dollars a year pensions and 450 million dollars for the Veterans' Bureau. The ordinary current expenses of the Government for all other purposes is approximately 1,100 million dollars a year, which is about the same as the pre-war expenses. The total expenses of the Government for the fiscal year ending June 30, 1921 were \$5,538,040,689. The reduction made in Governmental expenses by the present Administration is approximately 2,400 million dollars a year as compared with the fiscal year ending June 30, 1921.

Meantime however local taxes have been piling up. The estimated cost of the 48 state governments for the year is 1,000 million dollars, of the various municipal governments, something more than 2,000 million dollars and of county governments 500 million dollars, a total cost for state and local government of 3,500 million dollars, as against 1,100 million dollars for cost of National Government outside of the fixed charges growing out of the last and previous wars.

Concerning Municipal Bonds

REPLYING to a letter from a subscriber, I will say again, as I have said before, that in my opinion municipalities that are solvent and well established, should be permitted to issue their bonds, payable to the Government of the United States for a reasonable per cent of their assessed and taxable property.

These bonds should bear a small rate of interest, say 2 per cent, and to this rate should be added perhaps, half of 1 per cent to cover the cost of issuing the bonds and cost of administration and an additional 1 per cent to establish an amortization fund to pay the principal of the bonds within 35 years, making a total interest and amortization payment of 3½ per cent a year. Of this 2 per cent should go as revenue to the Government.

Based on the bonds as security the Government should issue to the municipality, Government Treasury notes as the municipality might need the same to take up outstanding indebtedness as it matured and to pay for necessary improvements. The amount of bonds the municipality could issue should be limited to not more than 10 per cent of its total assessment and the municipality should be required to levy a tax sufficient to meet interest and amortization requirements.

Railroads and High Freights

RAILROAD managers are still vigorously contending that freight rates are none too high. Of course I do not pretend to have any expert knowledge of the railroad business. I do, however, know this; if freight rates are no higher than the railroads can afford, then there is something radically wrong with our transportation system. When farm produce cannot be transported a thousand miles without the transportation charges eating up the entire amount received for the product at the market we must figure out some other system. Farmers are certainly not going to continue to produce without profit.

Personally I think the ultimate remedy will be the manufacture of the raw product into the finished product in the vicinity where it is produced, but that seems to be a long way off yet. If the agricultural states were supplied with a system of roads which would bear transportation by trucks and trailers, the farmers could transport their produce as great a distance as 500 miles for half the present freight rates and more expeditiously. That condition may not be so far off as the home manufacturing plan.

Road Conditions in Europe

ONE of our readers, W. F. Ramsey of Mitchell county does not consider that it is fair to compare road conditions in Europe with road conditions in Kansas. He says: "Our road experts tell us about the wonderful roads of

Europe and dwell upon our deplorable backwardness in not following such good examples, but they say nothing about the difference in population. Holland has a population of 526 a square mile while Mitchell county has a population of 18 a square mile, a difference of 508 to the square mile. Why shouldn't Holland have better roads?

The legislature decided to turn the whole business of making roads over to the various counties or practically that. As the highway com-

To Fires That Have Died Away

BY HUMPHREY STEPHENSON

WHEN you have loyally toasted your monarch and drunk to your generous host, And the time draws near for parting; should you seek a final toast, Then fill your glasses to the brim and when the rims have kissed, Drain them, my comrades, silently to them that have shot and missed. To him who has shot and missed I pledge myself today, Who has cursed or laughed at the wasted shaft And thrown the bow away. Stand, comrades, stand in silence, with glasses raised above, We are drinking to wasted valor; we are drinking to hopes that are fled, We are drinking to hearts that are empty; we are drinking to clinkered love. And, Heaven forgive and help them, we are drinking to souls that are dead, To him that has tried and failed I pledge myself today, Who has conquered sloth and done his work, And seen it thrown away. Not in contempt or triumph you have hit your mark, Some bows are drawn at a venture; some shafts fly home in the dark; Some win an easy target, content with a sordid gain; But now we honor the fearless hearts who have shot at the stars in vain. To all who have shot and missed I pledge myself today: To the weary life; to the wasted dart; To the broken boy; to the empty heart; To the fires that have died away.

missioners are stripped of all authority except in the case of Government aided roads, just how much that will amount to I do not know.

I am not at all certain that this action was wise but I think it was what a majority of the people desire at this particular time. Personally, I believe that we will sooner or later come to a unified system of roads and that will mean a concentrated control. That would not mean that all roads would be hard surfaced as has been charged. No highway commission that was made up of men of ordinary horse sense would propose that at this time, but there would be a unified plan and the system would be worked out according to that plan.

But as I have already said, I am sure that in this matter the legislature obeyed the wishes of a majority of the people of the state and in this I think they were right. It is better that the people learn by mistakes and make a good many of them than that their representatives disobey their evident will.

Views of Readers

OCCASIONALLY I get a fervid protest against prohibition from a subscriber. Here is an extract from a letter received from John W. Case of La Harpe: "The devil is sometimes granted temporary rule, as it is at present. I used to think that the devil was a drunken fiddler, but the present time and generation has changed my views. The ruling of this present generation has proved to me beyond a quibble that the devil is a bone dry church member and a prohibitionist."

"The churches, I am told are setting aside large sums to aid in the enforcement of prohibition. The devil is in this and he has your prohibition goat. The devil is a deceiver and a tyrant; prohibition is tyranny."

Evidently Mr. Case is of the opinion that the United States is in a very bad way.

D. D. Spicer of Geneva asks some pointed questions. He wishes to know why state twine can

be bought half a cent a pound less from dealers than it can be bought from the penitentiary. I think this applies only to twine purchased in car load lots and it seems to me that I can see a pretty good reason for this if the difference in price applies only to twine bought in small quantities from the penitentiary. The freight and cost of handling would of course be greater proportionately on small quantities than on car load lots. If the farmer or an organization of farmers buy direct from the penitentiary in car load lots they should get as good a price as the dealer. "How do you like the law forbidding a tenant from selling his share of the crop until the rent is paid?" asks Mr. Spicer. I have no doubt that law works a hardship at times. The fact is that our landlord and tenant law was evidently framed by landowners rather than by renters. It certainly gives landlords a very considerable advantage.

"You sell a bill of goods to a customer," continues Mr. Spicer, "and he later becomes financially embarrassed and rather than push him you carry him along for three years and then if he chooses to do so, he can tell you to keep on waiting. Is it right for a debt ever to outlaw?"

W. M. Green of Dalhart, Tex., takes a rather pessimistic view of the situation so far as the farmer is concerned.

"There are plenty of producers," he says "who have lost from \$25,000 to \$100,000 and other smaller producers in proportion who are putting up a hard struggle to keep from becoming bankrupt and thruout the West are paying 12 per cent interest or more for money, all as it seems to me on account of our glorious banking deflation system whereby debts have been increased two to three times. The writer passed thru this era and has taken his losses approximating \$40,000 because his debts were comparatively small and he had a credit in Kansas that is highly prized and the Kansas grit to overcome hard difficulties.

"There are many good producers falling by the wayside and many more who need encouragement. If the powers that be would do for this struggling and very necessary industry what they are doing for England, conditions would change over night, but no, if there is a little advance, showing symptoms of recovery the money power in Wall street cries out that there is grave danger of inflation and advances the discount at once. Many producers are doing all possible to make good by milking cows, keeping chickens, pigs and other side lines and if encouraged along these lines will make a go of it yet."

Political Unfairness

THE bane of our political life as it seems to me is unfairness. The desire to obtain a political advantage is frequently, perhaps it would be safe to say generally stronger than the desire for the common good.

We have here in Kansas, a governor of one political faith and all the other state officers as well as most of the members of both houses of the legislature of another political faith.

Watching from the side lines it has seemed to me that both the governor and several of the other state officers as well as the leaders of the legislature have been more concerned about making political medicine than they have been about really benefiting the people of the state at large.

The governor delivered to the legislature the longest message ever written by a Kansas governor. It contained a great many recommendations, some of them I think good and others impracticable. Now it was, perhaps, impossible before this message was delivered for the governor to consult with any considerable number of the members of the legislature; that is a fault of our present election law which requires the governor within two months after his election to prepare and deliver to the legislature a message dealing with state affairs. He is not given much time for investigation or careful preparation and neither are the members of the legislature.

Immediately as it seemed to me the political game started to be played. I cannot believe that the governor really expected the legislature to act on all of his suggestions; I think he was figuring

on future political effects. Immediately also, as it seemed to me the leaders in the legislature instead of really considering the recommendations of the governor, impartially and in good faith, began to figure on what the future political effect would be of their actions. In other words as it seemed to me neither side was fair, both were playing for position.

Some of the state officers politically opposed to the governor evidently desired to deprive him of certain political patronage not because the exercising or withholding of such patronage would either injure or benefit the public but it would inure as they believed to the political advantage of the governor. The governor on the other hand seemed to believe that it would be a good political move to discredit his fellow state officers and set about to discover a way to do it.

Now if any state official is failing to do his duty he ought to be exposed and punished, but in fairness the governor should before making his public accusations call in the officers charged with derelictions and ask for an explanation and any defense they might have to offer. Apparently the governor did not do this and therefore subjects himself to the charge of being unfair; of desiring more to gain a political advantage than to serve the public. Some of the charges prove on investigation to be trivial and groundless. If the governor had fairly and frankly investigated them and heard the explanations of the officials in all probability he would not have made them.

Farmers' Service Corner

READERS 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 im-

possible for us to print all of the answers, but every inquiry will be answered by mail.

Only Citizens Can Vote

Does a man or woman born in Germany who has only taken out first papers have the right to vote at a school district election even if they own land and live in the district? B. F. H.

No. The requirements for voting at school district elections are the same requirements so far as citizenship is concerned, provided in other elections. There was a time when it was only necessary to take out first papers in order to vote in Kansas. That, however, has been changed and it now is necessary to complete the citizenship in order to be allowed to vote.

Divorces and Remarriage

A and B were husband and wife. B obtained a divorce. Will A have to obtain one before he can be legally married again? If not was there ever such a law on our statutes? C. C.

This inquiry comes from Colorado. The decree of divorce of course annuls the marriage and permits the remarriage of either person to it after a certain lapse of time. I do not know of any state which ever had a rule that both must obtain a divorce.

Names of Officers

1—Please print the names of the state officers and the United States officers. 2—What are the ages at which a man is required to pay poll tax? E. A. J.

The officials of Kansas are as follows: Governor, Jonathan Davis; lieutenant governor, Ben S. Paulen; secretary of state, Frank J. Ryan; state auditor, Norton Turner; state treasurer, E. T. Thompson; attorney general, Charles B. Griffith; superintendent of public instruction, Jess W. Miley; superintendent of insurance, William R. Baker; state printer, B. P. Walker.

The officials of the United States are the following: President, Warren G. Harding; Vice President, Calvin Coolidge; Secretary of State, Charles Evans Hughes; Secretary of the Treasury, Andrew W. Mellon; Secretary of War, John Wingate Weeks; Attorney General, Harry M. Daugherty; Postmaster General, Harry C. New; Secretary of the Navy, Edwin Denby; Secretary of the Interior, Herbert Work; Secretary of Agriculture, Henry C. Wallace; Secretary of Commerce, Herbert C. Hoover; Secretary of Labor, James J. Davis.

Members of the Supreme Court are as follows: Chief Justice, William Howard Taft; Associate Justices, Joseph McKenna, Oliver Wendell Holmes, William R. Day, Willis Van Devanter, Pierce Butler, James C. McReynolds, Louis B. Brandeis, J. Sanford.

2—All male citizens between 21 and 50 years old are required to pay poll tax.

Information About Homestead Land

Please tell me where to write to find out what states have homestead land and get a map showing just where it is located. What would be the first step in homesteading?

MRS. K. A. H.

The only place where you can get this information is from the General Land Office, Washington, D. C. I do not know that the General Land Office has any such map as you speak of. It probably has not, but you can get such description of public lands as the General Land Office is possessed of and also instructions as to the different kinds of homesteads you may take and what is required in making settlement and proof of homestead entry.

Who is Right?

A says a child born of alien parents in the United States is not a citizen. B says being born in the United States makes him a citizen. Who is right? Subscriber.

B is right in his statement.

Rail Rate Facts Can't Be Hidden

WHATEVER the effect of my recent speech in the Senate on the necessity of reducing freight rates, I cannot complain of the attention it is receiving from railroad presidents, railroad magazines and railroad newspapers.

Executives of two of the wealthiest railway systems in the country are printing elaborate replies to this speech in farm papers and daily newspapers. President Holden, of the Burlington, head of one of the greatest railway money-makers in the country, puts out a long statement in which he denies in particular my assertion that thousands of acres of farm products rotted last year in the United States because of high freight rates. To prove his contention he cites the exceptionally large amount of grain hauled to market by the roads.

Grain Not a Perishable Commodity

Grain, it may be said, is not considered a perishable commodity by farmers. It can be held for shipment. Wheat is in existence which came out of the tombs of Egypt. But thousands of acres of the finest apples, peaches, melons, onions, cabbages and potatoes that this country ever produced did rot where they grew last year and the year before that, because high freight rates and low prices did not make it pay to gather them, and a similar fate may again overtake these crops this year. The same thing may be said for thousands of acres of hay which were not even cut.

Also there were other instances of producers who marketed potatoes with profit to railroads and commission men, but at a disastrous loss to themselves. There are authentic instances of farmers receiving less than \$2 for a carload of potatoes after supplying \$35 to \$40 worth of sacks in which to ship them; of farmers who obtained less than \$30 for a carload of fine apples, graded and boxed, the boxes alone costing them three times the amount they received for the apples. Yet the consumer paid a good stiff price for these products.

Potatoes Returned 16 Cents a Bushel

A record of 23 carloads of potatoes shipped to Chicago by the Equity Co-operative Exchange of Bruce, Wis., was kept by its manager, J. L. Taylor. He writes me the growers received only 27 cents a hundred pounds, or \$16.20 for 100 bushels—16 cents a bushel. He sends me this table of the average cost a car for freight and other expenses.

Freight	\$ 86.40
Waste	17.55
Labor in Sacking	13.00
Option	18.00
Heater	6.00
Demurrage	6.00
Commission	15.00
Weighing42
Total cost	\$162.37

N. P. Nelson, a farmer living near Leal, N. D., received exactly \$1.30 as his return on a carload of potatoes sold at Minneapolis for \$336 thru the Minnesota Potato Exchange. The sacks for shipping these potatoes cost Mr. Nelson \$35. The freight charges were \$180.00. Other cars of potatoes shipped from Leal last fall brought the growers from \$7 to \$8 a car.

The finest potatoes and the finest apples in the world are grown by irrigation in the Uncompahgre Valley in Colorado. Last year there were 2,841 acres in this valley not even harvested because of low prices made lower by excessively high freight rates. There rotted on the ground 2,482 acres of potatoes, 344 acres of orchard, mostly apples, and 15 acres of onions.

At Topeka, in an adjoining state, and situated in another potato-growing valley, Colorado potatoes retailed at \$1.25 a bushel; apples in boxes, 4½ cents apiece wholesale, 6 to 10 cents apiece retail.

Witnesses at the Stewart land-fraud trial testified that Texas roads were lined with rotting cabbages which had been thrown away because they could not be sold for enough to pay drayage or freight.

Receipts of hay at the Kansas City hay market, the largest primary hay market in the United States, have fallen off from 46,000 cars in 1920 to 19,000 cars in 1922. Here is a shrinkage of more than 58 per cent.

More than anything else, high freight rates operate as a barrier between farmers and markets.

"I know regions in this country where men have been ruined by freight rates charged to important markets that exceed the salable value of the products shipped." This was said by Theodore Price, publisher of Commerce and Finance, and a member of the United States Railroad Administration, in an address delivered at Omaha, February 15. He was discussing rail rates higher than the traffic will bear.

The Public Must Judge

President Holden, in his statement headed "Railroad Freight Rates a Small Factor," commenting on my speech says: "It is not true that thousands of acres of crops have rotted because of any embargo on their movement caused by freight rates."

Judge for yourself.

Let me say, also, that this effect of high freight rates is not confined to farmers alone, although they are the greatest sufferers. Not long ago a Chicago manufacturer, in order to ship 10 carloads of freight to the Pacific Coast, had to route the shipment by way of Philadelphia and the Panama Canal to save \$2,500 in freight charges.

A large Western manufacturer of a staple article tells Theodore H. Price, publisher of Commerce and Finance, that he and his Eastern competitors no longer have any competition because they cannot ship into one another's territory and make a profit. This puts them in a position, he says, to charge any price they choose on their goods in their own territory.

High freight rates are a crushing burden to agriculture, because farm products are of low value. Furthermore, the farm products require a long haul to reach the consuming markets of America or ports of export.

"A freight rate to Chicago of 97 per cent of the market price on potatoes, of 52 per cent on onions, of 26 per cent on wheat, of 15 per cent on hogs—is paid by the farmers of my state," said Senator Gooding, of Idaho, addressing the Senate February 22, 1923.

Farmers argue, and justly, that the cost of freight service should be based upon the value of the commodity hauled. The prices they receive

for their products are much lower than those obtained by any other industry, so much lower that they are entirely out of line with the high freight rates on farm products. That these rates must be reduced is clear to everybody but the railroad executives.

One hand must wash the other—is a homely but a true saying. For nearly two and one half years shippers have lost money while paying the railroads about 5,500 million dollars annually that the roads might do business at a profit. They now are undoubtedly prosperous. The time has come for a little hand-washing from the other hand. Besides live-and-let-live rates promote good business and good will.

President Holden's road, the Burlington, paid its regular 10 per cent annual dividend last year, despite a stock dividend of 54 per cent declared the previous year, this new stock participating in the 10 per cent cash dividend.

Destructive Prosperity Cannot Last

Under Section 15-a, the rate-making clause that I seek to have repealed, the Burlington, the Union Pacific and the Santa Fe, to name only three of the Class 1 systems, are permitted to earn dividends of 5½ per cent on nearly 500 million dollars never invested by their stockholders. This was "plowed in" these roads out of earnings from the public. So long as the Interstate Commerce Commission continues under Section 15-a to base rates on this valuation, the public will have to pay 5½ per cent annual interest on the 500 million dollars which it has contributed in rates and fares.

"Railroad freight rates are a small factor," says President Holden's publicity pamphlet. I wish they were, and I speak as a friend of the railroads. I know how necessary it is that they should prosper. But I also know that a prosperity which is destructive and restrictive cannot last. President Harding, in his message of December 8, 1922, speaking of this serious result of high freight rates on low-priced commodities said:

Lower Freight Rates Must Come

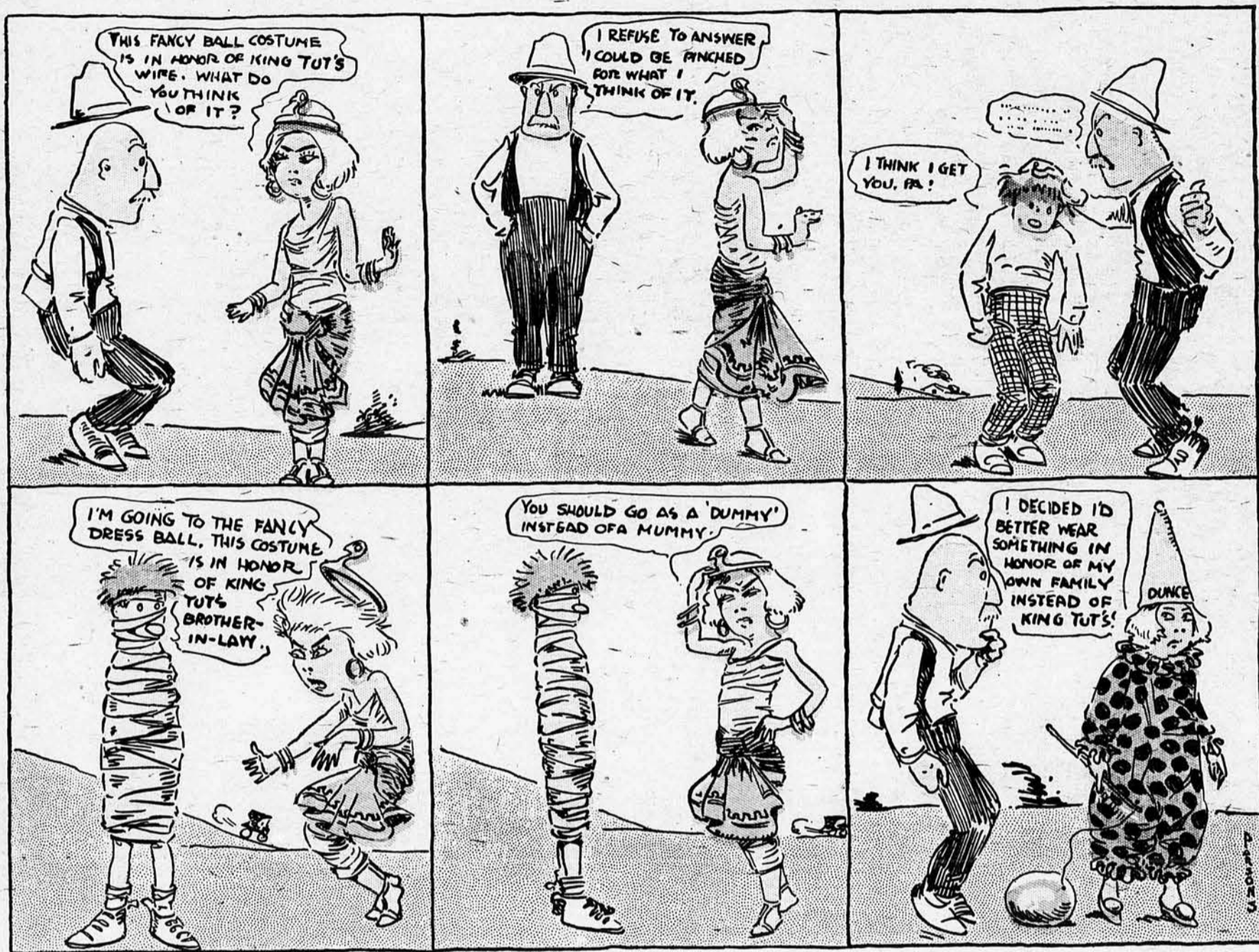
"This transportation problem cannot be waved aside. The demand for lowered costs on farm products and basic materials cannot be ignored. . . . Last summer there was a 10 per cent horizontal reduction in rates. I sought at that time in a very informal way, to have railway managers go before the Interstate Commerce Commission and agree to a heavier reduction on farm products and coal and other basic commodities and leave unchanged the freight tariffs which a very large proportion of the traffic is able to bear. Neither the managers nor the Commission saw fit to adopt the suggestion so we have the horizontal reduction too slight to be felt by the high-class cargoes and too little to benefit the heavy tonnage calling most loudly for relief."

I say it again. The big at-home issue before the country is a reduction of the higher-than-war rail rates and the repeal of Section 15-a, the rate-making clause of the Cummins-Esch act. This issue will grow bigger—not smaller—until we settle it, and settle it we must. The sooner we do this, the better it will be for all concerned.

Arthur Capper
Washington, D. C.

The Adventures of the Hoovers

Every So Often It Seems Necessary to Kid Sis Hoover Out of Some of Her Crazy Ideas and Buddy Proves Equal to the Occasion



Hugo Falls in Love—By Arnold Bennett

A Story of the Glamor and Intrigue of Modern Business Life

(Copyright by F. M. Buckles & Company)

HUGO, the hero of our story, is the owner of a large department store on Sloane Street in London that he built up after having visited leading cities of America, as well as Paris, and other places. Hugo's shop was far more than a universal bazaar, for it was not only a place where you could buy anything you desired, but where you could also arrange for all sorts of service and accommodations.

And all of these feats Hugo managed to organize within the compass of four floors, a basement, and a sub-basement. Above were five floors of furnished and unfurnished flats that never were tenantless. He himself lived in the dome. And as might be supposed the owner was interested in every division of his wonderful shop, but Department 42 and one of its fair occupants seemed to have more than ordinary interest for him, so much so that he wondered if he were falling in love.

Later Hugo was both pleased and surprised to receive a visit from Camilla Payne, the fair occupant of Department 42, in whom he had shown some interest on a previous occasion. She came to file complaint against Albert Shawn, Simon's brother, who in his duties as private detective for Hugo had made himself obnoxious to her. She also discussed an embarrassing situation that had developed between herself and Francis Tudor who occupied one of the Hugo apartments.

When she had taken her departure

Albert Shawn made his appearance and startled Hugo with the announcement that a strange man—possibly a burglar—had been seen hiding in the dome. After a brief search, Hugo suddenly came face to face with the intruder who was none other than Louis Ravengar, a step-brother of his whom he had not seen for many years. When Louis Ravengar was only 9 years old, his father, a widower, married a widow with one child 6 years old. That child was Owen Hugo. When the elder Ravengar died, his will provided that his property should be divided equally between Louis and Owen. This caused a deadly enmity to come between them.

As soon as Hugo recovered from his surprise he asked Louis to explain his presence in the Hugo establishment. Ravengar in response to this demand mentioned his interest in Camilla Payne and his desire to marry her and said he had come to seek Hugo's help to bring about this end.

Then Hugo astonished Ravengar by declaring that he also was in love with Camilla and planned to marry her himself if possible, so finally the painful interview came to an end and Louis left in an angry mood.

Two hours later Hugo went down to Department 42 in order to meet Ca-

milla, but she was not there and no one seemed to be able to explain her absence.

But Miss Payne Had Not Come

The clock on the mantelpiece struck nine, and the last assistant had fled, and Hugo was left alone with the pink-aproned waitress, who was collecting glasses on a tray.

"Has Miss Payne come this morning?" he asked casually of the girl, patting the poster like an artist absorbed in his work.

It was a reckless question. He well knew that in half an hour the whole basement would be aware that Mr. Hugo had asked after Miss Payne, but he scorned the whole basement.

"Miss who, sir?"

"Miss Payne, of the millinery department."

"A tall young lady, sir?"

"Yes."

"With chestnut hair?"

"Now you have me," he lied.

"I fancy I know who you mean, sir; and now I come to think of it, I don't think she has."

The waitress spoke in an apologetic tone, and looked at the clock with an apologetic look. She was no fool, that waitress.

"Thank you."

As he left the room Albert Shawn entered by the other door, and, perceiving nobody but the waitress, kissed the waitress, and was kissed by her heartily.

Hugo's deportment was debonnaire, but his heart had seriously sunk. Just as he had before been quite sure that Camilla would come as usual, now he was quite sure that she would not come as usual. Ever since he had learnt from Ravengar that Tudor had been ignorant of Ravengar's presence in the flat, and that Ravengar had had to "dispose of" the housekeeper, a horrid suspicion had lurked at the back of his mind, and now this suspicion sprang out upon his hopes of Camilla's arrival, and fairly strangled them. And the suspicion was that Camilla had misjudged Francis Tudor, that his intentions had thruout been perfectly honorable, and that on her return to the flat he had quickly convinced Camilla of this.

In which case, where did he, Hugo, come in?

As for the terms of the note, he perceived that he had interpreted them in a particular way because he wished to interpret them in a particular way.

He ascended in the direction of Department 42. Perhaps, after all, she had escaped his vigilance, and was at her duties.

On the way thither he was accosted by a manager.

"Mr. Hugo."

"Well, Banbury?"

"I telephoned to New Scotland Yard

(Continued on Page 17)

95 Bushels More Sweet Potatoes by Selection

By Chester P. Neiswender

THE increase in yield obtained by hill selecting the seed was an outstanding feature in my experience with sweet potatoes last year. The experiment showed an increase of 95 bushels an acre for selecting the seed. Besides this the selected plot yielded so much better formed potatoes that they could easily have been sold for 5 cents a bushel more on the wholesale market. The unselected seed averaged 179 bushels an acre, which would be worth \$89.50, if figured at 50 cents a bushel, the market price at that time. The selected plot showed an average yield of 274 bushels which would bring \$150.70, or an increase of \$61.20 an acre for the selection of seed.

Kansas Specialists Conducted the Work

This experiment was conducted on my farm in Shawnee county, by E. A. Stockdyk, plant pathologist of the Kansas State Agricultural College, and Frank Blecha, Shawnee county farm agent. Before the first frost a year ago last fall, they tested a few hills for stem rot and those that were free from it were marked by little stakes. When we dug these potatoes we saved the large and well formed potatoes from these marked hills for seed.

Last spring I bedded this seed in a bed containing ordinary seed. No difference was made in the care taken of the plants. They were all aired and watered in the same way. After we had been planting several days we pulled the slips from the selected plot, and planted them. Then we continued to set out the ordinary plants. No difference was made in the cultivation of the two, in fact they were almost forgotten when Mr. Stockdyk and Mr. Blecha came to dig them. They dug one of the selected rows and one of the others, alternating rows so that there would be no variation in the sorting of the two plots. Only the table stock was weighed, the selected

plot averaged 274 bushels and the unselected 179 an acre.

Just now we are selling the last of the 1922 crop of table stock. Orders will soon be here for seed. We always have a big task in getting the seed ready, for the work is tedious, and comes at a busy time.

While we are sorting the seed for market we must also be making our hotbeds. We are now using beds which are 12 by 32, so built that they may be taken apart, and stored as soon as the plants are pulled. Thus we have the advantage of protection from the weather, and of placing them in a new location next year. During the winter these old frames should be painted or treated twice with saturated solution of copper sulfate. This is to kill all infection on the frames.

From April 5 to April 12 is the best time to finish the beds. Manure will be scarce then, so if we need much it should be hauled during the winter, and piled in narrow ricks near the beds. When making a bed we scatter a 2-inch layer of dry manure, then a layer of moist manure, or mix it thoroly in some way. When completed the whole should be about 14 inches thick. If it is dry it should be covered with the canvas, as a soaking rain would mean drying it afterwards. The manure is carefully packed and leveled, then covered with about 4 inches of sandy loam soil. We cover the bed, then, and let it heat. In three to five days the bed should be ready for use.

We lay our seed over the bed so that there is $\frac{1}{4}$ to $\frac{1}{2}$ inch between potatoes. The larger the potatoes, the larger the space should be, so that the plants will have space to come up from the bottom of the potatoes. Splitting the larger ones is not always successful as they may rot unless the bed is right. When the potatoes are laid they are covered with enough dirt to hide them, then a thin coat of straw which will hold the

potatoes in place when pulling the slips, then cover the straw with 2 inches of sandy loam. Place the canvas on and let the bed heat. The next two weeks we watch the heat carefully, making tests in the center of the bed, as the heat is greatest there. On a warm day a strong wind will cause the heat to rise rapidly. Cool the hot parts of the bed by punching holes into the manure, and pour water in the holes. The surface of the bed is also watered if it becomes dry, and we sprinkle enough to soak the potatoes. When the plants become green the cover can be taken off during the heat of the day, and later, if there is no danger of frost it may be left off all night.

Sandy loam should be selected for the sweet potato ground. Usually ground that has been in corn or sweet potatoes is chosen but the same ground should not be used more than three successive years. The ground to be planted is cleared and plowed shallow or double-disked. After a rain, from May 5 to May 15 it is well to list some ridges as there may be no rain when planting time comes. Good solid ridges and good press wheels on the planter are important factors in getting a good stand, and a good stand is an important factor in getting a good yield.

Finish Planting by May 25

We try to do all of our planting in the last half of May with the bulk of it finished between May 20 and May 25. As soon as the planting is finished we cultivate to fill the ditches made by the press wheels which keeps the roots from drying out as they would, if the ditches were left. If it rains after cultivating we stir the soil again. If it stays dry, we cultivate. If we're undecided what to do, we cultivate. The weeds that start must be killed by the hoe or the cultivator, and the cultivator is much the cheaper method.

There are no set rules as to the number of times to hoe or cultivate except to do them as often as needed, or rather just before they are needed and continue as long as possible. When the vines become long it is necessary to cultivate in lands, and go around the lands in the same direction the next time to keep the vines trained one way.

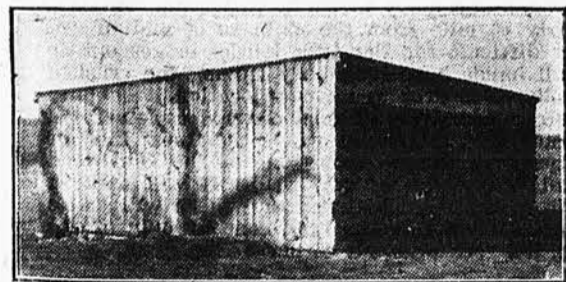
About August 1, if we have some early varieties we start to dig for the early market. We find that the best price and readiest sale will be obtained if the product is washed and good quality packed. We find it more profitable to raise some string beans, peas, tomatoes, peppers, cantaloupes, watermelons and other small truck to sell with our sweet potatoes during the year.

A \$10,000 Spraying Argument

It Took E. V. Wakeman Two Days To Convince Father He Needed a Sprayer, But it Paid \$100 an Acre for 10 Years

By M. N. Beeler

AFTER E. V. Wakeman had invested most of his valuable capital in 40 acres of Doniphan county apple land, near the old home place, he went over to his father's farm to talk spraying. The elder Wakeman had some orchard that E. V. Wakeman had helped to plant as a boy, and it was needing attention. On the new farm there were 10 acres of apples ready to bear, the only immediate prospect for a profitable return to the venturesome young landowner. For two days the father and son argued the question of a sprayer. Eventually the boy's contention prevailed and they bought the outfit in partnership. During the next decade that 10 acres of orchard netted \$100 an acre each year. Years ago curculio, San Jose scale, codling moth, lice, scab, blotch and canker were ignored



This Implement Shed Cost Only \$250 but it Serves as Well as a Thousand Dollar One

with impunity by Doniphan county apple growers. Then diseases and insects came and well nigh put the orchards out of business. About this time Wakeman began spraying, at the suggestion of Prof. L. P. Paers of the Kansas State Agricultural College. That was 20 years ago. When he bought the farm with that 10 acres of orchard he knew with what he had to contend. He also knew that he could produce clean crops of profitable apples by spraying for he had tried it on a farm west of Troy.

He used a compressed air hand sprayer in applying a dormant copper sulfate spray. That wasn't according to present rules of spraying, but Wakeman believes he did some good. He raised a carload of good apples. That fall he tried to sell them to a local dealer. Those were the good old days when apple dealers kept peace in the neighborhood by offering the same price

for good and bad apples alike, just as the wool, egg, stock and cream buyers did. There was no incentive for a man to produce a better quality product because he could not get a better price for it than the man who neglected his. The dealer offered Wakeman 90 cents a barrel. It mattered not to him that the fruit was clean. He was operating on a strictly one-price basis and he would show no favoritism. A few days later Wakeman again was in town and offered his apples. The price had dropped 20 cents a barrel.

Wakeman decided to try an experiment in selling apples elsewhere. He bought barrels for 25 cents apiece, put his apples in them, loaded a car and billed it to a firm in Lincoln, Neb., at \$2.75 a barrel. In a few days a check for the price he had asked arrived with an order for more apples like the first ones. Thus young Wakeman had some convincing figures to offer when he went to his father with the proposal to buy a sprayer. In 1919 he sold the 40 acres and bought the home place at the settlement of his father's estate. The land is primarily adapted to apples, because it is in the loess region of the Missouri River hills, but Wakeman also knew that it was adapted to dairy farming. He consequently began building up a dairy herd.

"No other crop will bring as great returns as apples in this region," said Wakeman recently, "but too much of a crop of apples is like too much of any other crop. The dangers of single cropping are just as great with apples as with wheat, or corn, or cotton. The freeze two years ago at Easter time, which took all the fruit buds, taught me that a man needed something else to provide against failure of that one crop."

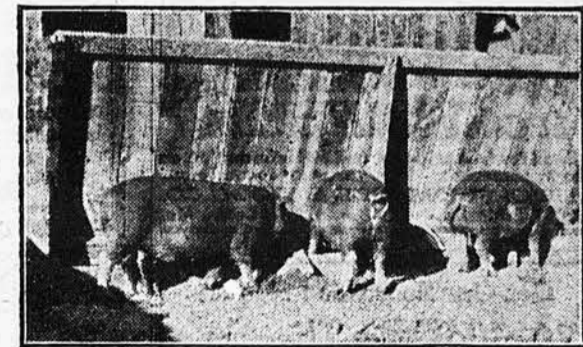
"I am building up a grade dairy herd so that I will have a dependable income thruout the year. The cows will provide a good market for the crops and pasture I grow. I am also keeping hogs as a further means of diversification."

In starting his dairy herd, Wakeman bought heifer calves on the St. Joseph market and bred them to a dairy bull. Several of these proved unprofitable and had to be discarded. He is now milking six cows. They are bringing a cream check return of \$18 a week. Their feed, except millfeed which costs \$11 a month was raised on the place. He uses a purebred Holstein bull.

"If I were starting again I would buy good

grade calves of a dairy breed, because I would be more certain to get good milkers. My method is too slow and too uncertain, but I am too far along to change now. But I did not make any mistake in selecting purebred Poland Chinas," and he led the way to the other side of the feeding shed where about 50 fall pigs were eating enough shelled corn and tankage from self-feeders to make them weigh 200 pounds for the April market.

"Usually the market demands the lighter weights in fat hogs," said Mr. Wakeman, "but this year I made my spring pigs heavier because they were paying up for that kind on the St. Joseph market. That's what I like about the modern type Poland. You can finish him at any



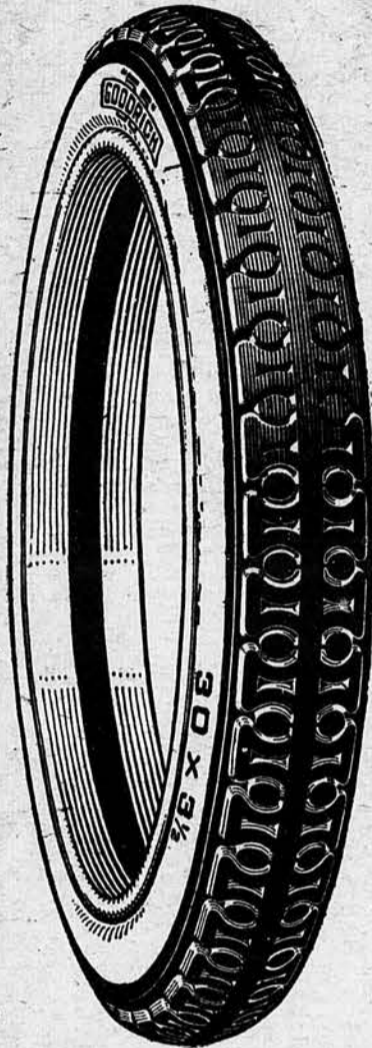
Wakeman's Polands Eat Corn from a Self-Feeder. Tankage is Supplied in the Same Way

age and have a fat hog for which there is a ready demand. He will fatten at 200 pounds but if the market calls for heavier hogs he can be made heavier at a profit. He will go to market finished at any weight that is advantageous to the feeder."

Wakeman is keeping his Polands registered because he expects some day to produce breeding animals.

"I bought a foundation of nine sows and one boar for \$800. On the basis of what I got for one litter of pigs from a scrub sow that I had on the place at that time, the pigs from those purebreds repaid the purchase price of their sire and dams within one year. They brought me at least \$800 more as market hogs than they would have if they had been scrubs, in comparison with the returns from that one litter of scrubs."

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New Credit Act Put to Work

Congress Made Provision for the Establishment of 12 Intermediate Farm Credit Banks

BY HENRY C. WALLACE
Secretary U. S. Department of Agriculture

QUESTIONS are being asked as to the operation of the new credit law, known as the Agricultural Credits act of 1923, and the relation between the credit facilities provided in this act and existing institutions, such, for example, as the War Finance Corporation and the Federal Warehouse act.

The Agricultural Credits act does not in any way interfere with the functioning of the War Finance Corporation. The life of the War Finance Corporation was extended to February 29, 1924, for the very purpose of making sure there would be no restriction of credit facilities to the farmer during the period required to build up the machinery necessary under the Agricultural Credits act. The War Finance Corporation has ample funds and nothing has been done to limit its work.

To Establish 12 New Banks

Title I of the Agricultural Credits act provides for the establishment of a federal intermediate credit bank in each of the 12 Federal Land Bank districts. These new banks will be managed by the directors and officers of the existing Land Banks. Immediately upon the passage of the act the Federal Farm Loan Board called to Washington the presidents of the Land Banks from the 12 districts and for a week they have been making plans to start the intermediate credit banks. Each has a capital of 5 million dollars and therefore can begin lending as quickly as the organization can be perfected. These intermediate credit banks are authorized to discount and purchase notes given to banks for agricultural and livestock purposes. Also they can make loans direct to co-operative associations on the basis of warehouse receipts or mortgages on livestock.

A local bank which has lent money to its farmer customers for agricultural purposes and has taken their notes for the loans can discount these notes with the intermediate credit banks. It is not necessary that the notes so discounted should have back of them chattel mortgages or warehouse receipts. The intermediate banks can give terms of credit rang-

ing from six months to as much as three years.

The agricultural credit corporations authorized under Title II of the act are not Government corporations but are under Government supervision. The loans which they make probably will be based on paper which has back of it either chattel mortgages in the case of livestock or warehouse receipts in the case of farm products.

United States Warehouse Act

The United States Warehouse act has an important relation to the new credit system. It provides a permissive system of licensing warehousemen by the Secretary of Agriculture. At the present time there are 360 licensed cotton warehouses, 227 licensed grain warehouses, 20 licensed wool warehouses, and 62 licensed tobacco warehouses. The licensed capacity for cotton now is sufficient to store at one time about one-fourth of a normal cotton crop, and for wool about one-sixth of the annual clip. Originally the law limited licensed warehouse commodities to cotton, wool, tobacco and grain. On February 23 the law was so amended as to remove the limitations and under the present law the Secretary of Agriculture can license a warehouse for the storage of any products which he considers would constitute sound collateral. Also he can license inspectors and samplers of commodities stored in warehouses, as well as graders and weighers. Receipts issued by federal licensed warehouses are accepted by banks and financial institutions everywhere as sound collateral.

Longer Time on Farm Notes

It will be seen from the foregoing that bankers in agricultural sections should be able to lend freely to farmers for productive purposes and for a longer term than heretofore, because they have assurance that they can readily discount farmers' notes taken for such loans at the intermediate credit banks.

Full information concerning the Warehouse act and the rules and regulations under which it is administered can be had by anyone who will write to the Department of Agriculture at Washington, D. C.

Makes Highway of Car Line

SOME years ago the electric railway company of Topeka ran a trolley line out to an amusement park southeast of Topeka, but the park gradually fell into disfavor and disuse and the carline was discontinued. The rails were torn up and the wires torn down, but the old grade and rock ballast was left.

This old carline ran thru the Dornwood farm, now owned and operated as one of Shawnee county's best dairy farms by Smith and Klesath. The buildings set back nearly ½ mile from the main road, and in wet weather it has been rather difficult for the milk trucks to get out to the main road. Recently, all hands have been busy moving the crushed rock roadbed of the old trolley line over to its new location.

There were a great many cubic yards of good crushed rock used in building the old railway grade, and this stone makes the finest kind of a wagon road. The accompanying picture shows one of the Dornwood farm wagons hauling a load of rock to the new road. It will make a splendid lane from the farm to the main highway and there will be no more stalled trucks. The cost of building the road consists only of the labor of the men in hauling the rock across a corner of the farm.



The Farmiscope

Probably Getting Even

Little Billie cared little for "eats" and consequently nibbled at any food put before him. One evening his older brother, who ate rather ravenously admonished him thus:

"You'll never amount to anything. Billie, you eat like a little bird."

"Yeh, and so do you," retorted Billie angrily.

"What do you mean?" questioned big brother.

"You take a peck at a time," replied Billie.

Very Fresh

A middle-aged bachelor was in a restaurant at breakfast when he noticed this inscription on his eggs:

"To Whom It May Concern: Should this meet the eye of some young man who desires to marry a farmer's daughter 18 years old, kindly communicate with —."

After reading this he made haste to write to the girl, offering marriage, and in a few days received this note:

"Your note too late. I have been married five months today."



"They always told me that to avoid an accident you should touch wood."

Why Indeed?

The cave man sat in his cave, gnawing at a bone when the cave woman rushed in in a state of great alarm. "Quick, get your club and hurry," she screamed.

"What's the matter?" the cave man interrogated.

"A saber toothed tiger is chasing my mother," said the cave woman.

The cave man assumed an air of annoyance.

"And why the deuce should I care what happens to a saber toothed tiger?" he cried.

Will He Get the Idea?

The fire-eating colonel had received a letter which consumed him with rage, but this was his noble reply:

"Sir, my stenographer, being a lady, cannot transcribe what I think of you. I, being a gentleman, cannot think it. But you, being neither, will understand what I mean."

Too Informal

"Miss Pounders, I can't permit you to have long conversations over the telephone with your friends."

"It was—er—a business conversation, sir."

"In that case, please remember that this firm never addresses one of its clients as 'sweet old thing.'"

A Good Reason

"Say, mamma, was baby sent down from heaven?"

"Why yes."

"Um. They like to have it quiet up there, don't they?—The Legionnaire."

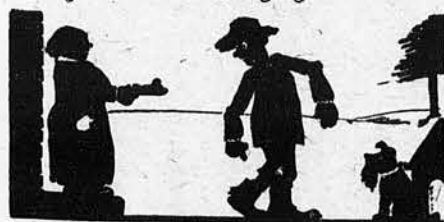
Sounds Like a New One

Fox calls his girl "Revenge" and she calls him "Vengeance."

"How come?"

Because revenge is sweet and vengeance is hers.—College Farmer.

Just Obliging



Tramp: "Your dog just bit a piece of flesh out of my leg, mum."

Woman: "Glad you mentioned it. I was just going to feed him."—Ga-boon.

DODGE BROTHERS TOURING CAR

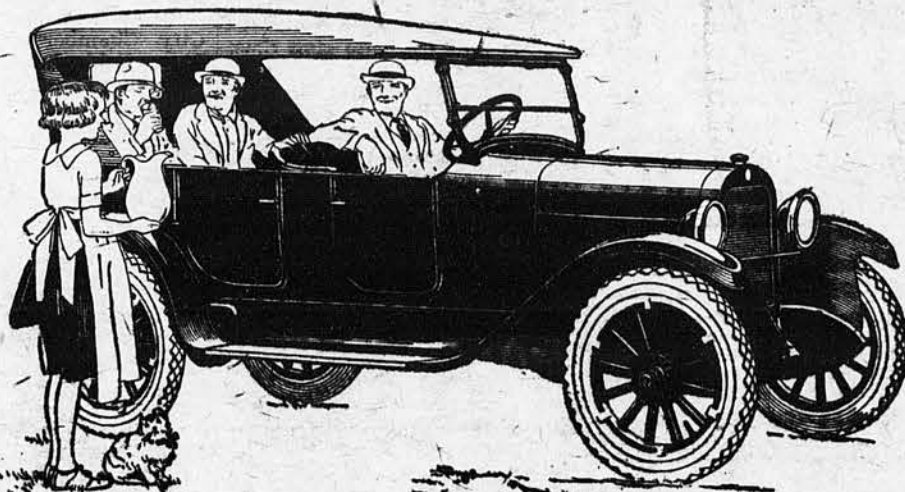
Sturdy and vigorous after years of hard service, there would seem to be no limit to what the car will do.

This exceptional strength is not to be marveled at when you consider that one-eighth of the total weight of the car consists of chrome vanadium steel.

Every part, in fact, which takes a major strain, is built of chrome vanadium. And many more pieces of alloy steel are used in vital parts than normal wear requires.

Dodge Brothers product enjoys the world-wide reputation it does, because each part and process which enters into the car is determined upon this same high plane of excellence.

The price is \$880 f. o. b. Detroit

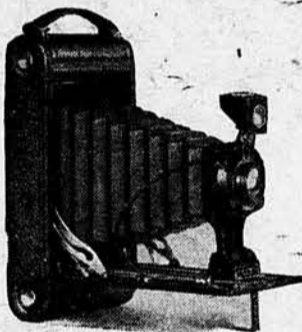




FROM A KODAK NEGATIVE

KODAK

Story-telling pictures like the one above, picture records of your crops, buildings and equipment, selling pictures of your cattle, chickens or hogs—they all represent the call for an Autographic Kodak on your place.



No. 3A Kodak Junior is an ideal model for the farm. The prints are clear and large, $3\frac{1}{4} \times 5\frac{1}{2}$ inches, and the camera is a splendid example of the Kodak way to good pictures—simple, sure, inexpensive. Price, with single lens, \$17.50.

Other Autographic Kodaks \$6.50 up.

Eastman Kodak Company, Rochester, N.Y.

The Farm Dollar Conference

Dodge City Community Holds an Institute to Promote Diversification in Southwest

BY M. N. BEELER

THEY had a farm dollar conference at Dodge City recently—a conference to encourage the regular, incoming, diversified farming dollar. Farmers, business men and the Rock Island Railroad Company's representatives held a two-day agricultural and community life institute March 21 and 22, who discussed with speakers all phases of farm production. Educational motion pictures from different sections of the country were shown between the lectures. More than 2,000 persons attended the meetings with crowds of 300 to 600 at each session.

A Wheat Growing Section

The country west and southwest of Dodge City is primarily devoted to wheat farming. When wheat fails business is bad. When wheat prices are low, business is likewise bad. The institute was held to promote diversification, production of livestock and crops to support it instead of so much wheat. The agricultural interests propose \$1,000 worth of small produce for every farm in the district. Dairy cattle, sheep, swine, poultry, intensified beef cattle production, better sires, and modern farm homes were emphasized in the meetings.

Subjects covered by lecturers included modern homes, sheep production, silos, swine production, bee culture, poultry on Kansas farms, farm finances, motorized farming, milk goats, better highways, shipping livestock without loss, better bull contest, community development thru the dairy cow, the broomcorn market, diversified farming for the Southwest, potatoes in the Dodge City district, how packing houses serve farmers and consumers, irrigation in Western Kansas, adaptability of Shorthorns, Jerseys and Holsteins to that region.

Illustrated Lectures Given

Various commercial and educational organizations provided motion pictures which illustrated many of the lectures. In the evening of March 22 a dinner was served for 300 persons at the Methodist church. The boys' band of Dodge City furnished music for several of the sessions.

Among the speakers were W. M. Jardine, president of Kansas State Agricultural College; J. C. Mohler, secretary of Kansas State Board of Agriculture; A. L. Stockwell, president Kansas Sheep Breeders' Association; M. L. McClure, director Kansas City Federal Reserve Bank; H. C. Baird, Ford County agricultural agent; Joe Haaga, National Duroc Jersey Record Association; G. W. Catts, agricultural commissioner of the Kansas City Chamber of Commerce; C. M. Long, field secretary of the American Holstein Friesian Association; R. M. Gilliland, secretary Kansas Jersey

Cattle Club; W. A. Cochel, field representative American Shorthorn Breeders' Association; George S. Knapp, Kansas irrigation commissioner.

This meeting was considered one of the best general educational conferences ever held in the state. Interest was exceptionally good. Many of the farmers of this section are tenants of land owned by non-residents who rarely permit the farmers to devote enough land to crops other than wheat to feed their work stock. A movement is on foot to devise some form of lease which will enable tenants to diversify to a certain extent in their farm crops and to keep some livestock.

It is significant that no mention of wheat was made in the lecture subjects of the program.

Money in Farm Butter

Farm butter will pay a better price for cream than the creamery, condenser or whole milk trade, according to W. E. Turner, a 1921 graduate of Kansas State Agricultural College. Turner is the vocational agricultural instructor for Waterville High School in Marshall county. Outside of school hours he ministers to the needs of a herd of Holstein cows which do business under the name of Fitzgerald & Turner.

Turner says that they make farm butter because it pays about \$4 more a 10-gallon can of cream than they can get from the creamery. He sees a return of this industry, but says that farmers will have to produce a butter of a quality that will compete with the creamery product.

Farm butter can be advertised and sold the same as creamery butter if a man is equipped to make the kind that the trade demands. The profit which creameries make, the cost of transportation both ways and the overrun serve as a margin and can be taken by the farmer in payment for his labor.

The Fitzgerald & Turner herd has passed its second clean tuberculin test. Seven herds in the neighborhood have been tested within the last year and two have been accredited. Before that no testing had been done. Turner is a local Holstein agitator. Since he came to Waterville two years ago seven men have started in the Holstein business.

The pasture area of Canada has been decreasing steadily during the last five years, according to reports to the United States Department of Agriculture. In 1922 it amounted to but 9,695,000 acres as compared with 11,333,000 acres in 1918.

The cur dog may be a firm friend, the mongrel cat a good mouser, but the scrub bull makes nothing but trouble, now and forever.

Wilson County Folks are "Talking Cows" These Days

A MIGHTY fine interest in dairy farming has developed in Wilson county within the last year. All over the county the folks are "talking cows." This is, by the way, a most hopeful sign, for it indicates that the farmers of that section are alive to the opportunities which are at their door. The soils of Wilson county produce large yields of alfalfa, Red clover and other legumes; big crops of silage also are the rule. The winters are relatively mild in Southeastern Kansas, which is an advantage in winter time dairying. In fact, it is an ideal dairy country considered from every point of view.

The folks in the towns also have jumped into the game, and it is hoped that the Neodesha Chamber of Commerce will be able to obtain a condensary for that place. In their campaign to interest outside capital in this enterprise, Neodesha folks have the backing of the business men and farmers from other communities in a most loyal way. In that county, with its excellent system of hard-surfaced roads, the milk can be moved rapidly by motor truck to Neodesha, from even as far away as Buffalo.

Wilson county can develop, if it desires to do so, in just the same way as the community around Mulvane. The dairy cow can make this development possible if she is given a chance. Dairying under the extremely favorable conditions such as those in Wilson county will increase greatly the financial returns in farming, produce a better and more prosperous looking countryside, and help in the development of a happier and more satisfactory rural life. Under the leadership of the men with vision who have started this movement, Wilson county has a prosperous future before it, if the county will but live up to its opportunities.

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That's why you save big money every time you insist upon having



BURNHAM-MUNGER-ROOT Kansas City, Missouri

Kansas Fairs in 1923

The following is a list of the fairs to be held in Kansas in 1923, their dates, locations and secretaries, as reported to the Kansas State Board of Agriculture:

Kansas State Fair—A. L. Sponsler, Secretary, Hutchinson, September 15 to 21 incl.
 Kansas Free Fair—Phil Eastman, Secretary, Topeka, September 10 to 15.
 International Wheat Show—H. S. Ensign, Manager, Wichita, September 24 to October 6.
 Allen County Agricultural Society—Dr. F. S. Beattie, Secretary, Iola; August 27 to 31.
 Anderson County Fair—H. C. Ferguson, Secretary, Garnett.
 Atchison County Fair—C. E. Sells, Secretary, Effingham.
 Barber County Fair—J. M. Molz, Secretary, Hardtner; September 12 to 14.
 Barton County Fair—Fred Hans, Secretary, Great Bend; October 2 to 5.
 Bourbon County Fair—W. A. Stroud, Secretary, Uniontown; September 24.
 Brown County—Hiawatha Fair—Blair Syter, Secretary, Hiawatha; August 29 to 31.
 Chase County Fair—C. S. Boylan, Secretary, Strong City; October 3 to 6.
 Cherokee County Fair—C. J. Pruyn, Secretary, Columbus; August 18 to 21.
 Clark County Fair—F. R. Cauthers, Secretary, Ashland; September 12 to 15.
 Clay County Fair—W. E. Need, Secretary, Clay Center; first week in October.
 Cloud County Fair—Dan Perkins, Secretary, Concordia; September 4 to 7.
 Coffey County Agricultural Fair—W. T. Hesler, Secretary, Burlington; September 18 to 21.
 Comanche County Agricultural Fair—A. L. Beeley, Secretary, Coldwater; October 17 to 20.
 Cowley County Agricultural Fair—Edwin L. Hepler, Secretary, Winfield; August 7 to 14.
 Cowley County—Eastern Cowley County Fair—W. A. Brooks, Secretary, Burden; September 5 to 7.
 Crawford County Fair—Parker Bailey, Secretary, Girard; September 11 to 14.
 Doniphan County Fair—A. E. Williamson, Secretary, Troy.
 Douglas County Fair and Agricultural Society—O. J. Lane, Secretary, Lawrence; August 28 to 31 incl.
 Ellis County—Golden Belt Fair—H. W. Chittenden, Secretary, Hays; September 25 to 28.
 Ellsworth County—Wilson Co-operative Fair—C. A. Kyner, Secretary, Wilson; September 25 to 28.
 Ford County—Great Southwest Fair: M. W. Dreher, Secretary, Dodge City; October 8 to 12.
 Franklin County Agricultural Society—P. P. Elder, Secretary, Ottawa; September 4 to 7.
 Gray County Fair—J. W. Phelps, Secretary, Cimarron.
 Greenwood County Fair—T. L. Ryan, Secretary, Eureka; August 21 to 24.
 Harper County—The Anthony Fair—O. F. Morrison, Secretary, Anthony; July 31 to August 3 incl.
 Jackson County Stock Show and Fair—Charles W. Potterfield, Secretary, Holton.
 Jefferson County—Valley Falls Fair and Stock Show—Lou Hauck, Secretary, Valley Falls; September 18 to 21.
 Kearny County Fair—J. J. Nash, Secretary, Lakin.
 Labette County Fair—Clarence Montgomery, Secretary, Oswego; August 28 to 31.
 Lincoln County Fair—E. A. McFarland, Secretary, Lincoln; September 25 to 28.
 Lincoln County—Sylvan Grove Fair and Agricultural—G. W. Kretzmann, Secretary, Sylvan Grove; October 3 to 5.
 Linn County Fair—R. C. Swift, Secretary, Mound City.
 Lyon County—Lyon County Central Kansas Fair—Frank Lostutter, Secretary, Emporia.
 Marshall County Stock Show and Fair—H. C. Lathrop, Secretary, Blue Rapids; October 2 to 5.
 Meade County Fair—T. N. Walters, Secretary, Meade; August 28 to 31.
 Mitchell County Fair—C. O. Johnson, Secretary, Beloit; September 24 to 29.
 Montgomery County Fair—Elliott Irvin, Secretary, Coffeyville; August 20 to 24 incl.
 Nemaha Fair—J. C. Grindle, Secretary, Seneca; September 4 to 7.
 Neosho County Agricultural Society—George K. Bideau, Secretary, Chanute; September 24 to 30.
 Norton County Agricultural Fair—A. J. Johnson, Secretary, Norton; August 28 to 31.
 Osage County—Overbrook Free Fair—J. A. Kesler, Secretary, Overbrook; September 27 to 29.
 Pawnee County Agricultural Fair—T. C. Wilson, Secretary, Larned; September 26 to 28.
 Phillips County—Four County Fair—W. W. Chestnut, Secretary, Logan; August 21 to 24.
 Pottawatomie County Fair—C. Haughwout, Secretary, Onaga; September 19 to 21.
 Rawlins County McDonald Community Fair—Bert Powell, Secretary, McDonald; September 26 to 29.
 Reno County Dairy and Agricultural Fair—Fred Williams, Secretary, Darlow; November 1 to 3.
 Republic County—North-Central Kansas Free Gate Fair—Dr. W. R. Barnard, Secretary, Belleville; August 28 to 31.
 Rooks County Fair—D. F. Burlin, Secretary, Stockton.
 Rush County Fair—H. A. Dawson, Secretary, Russell; October 2 to 5.
 Smith County Fair—John Morehead, Secretary, Smith Center; August 28 to 31.
 Stafford County Stock Show—E. A. Briles, Secretary, Stafford; October 16 to 19.
 Trego County Fair—Ernest Courtney, Secretary, Wakeeney; September.
 Washington County Stock Show—J. V. Hepler, Manager, Washington; October 1 to 6.
 Wichita County Agricultural Fair—Ed Case, Secretary, Leoti; September 3 to 8.
 Wilson County Fair—W. C. Cantrall, Secretary, Fredonia; August 14 to 18.
 Franklin County—Lane Agricultural Fair—Floyd B. Martin, Secretary, Lane; August 31 to September 1.
 Harper County—Breeders' Meeting and Fair—M. V. Stanley, Secretary, Anthony; October 24 to 27.

With things so high, the farmer who puts out a good garden for next summer is likely to be well repaid, even if not a thing is sold out of it.

The Good MAXWELL



High-Grade Qualities Never Before Known In Low- Cost Manufacture

Low-cost, high-quality manufacture on a large scale, builds into the good Maxwell the qualities heretofore confined to cars far higher priced.

They make, first, for reliability and economy to a degree unique among cars of this price-class; second, for long life and light expenditures; third, for a degree of easy riding that is exceptional.

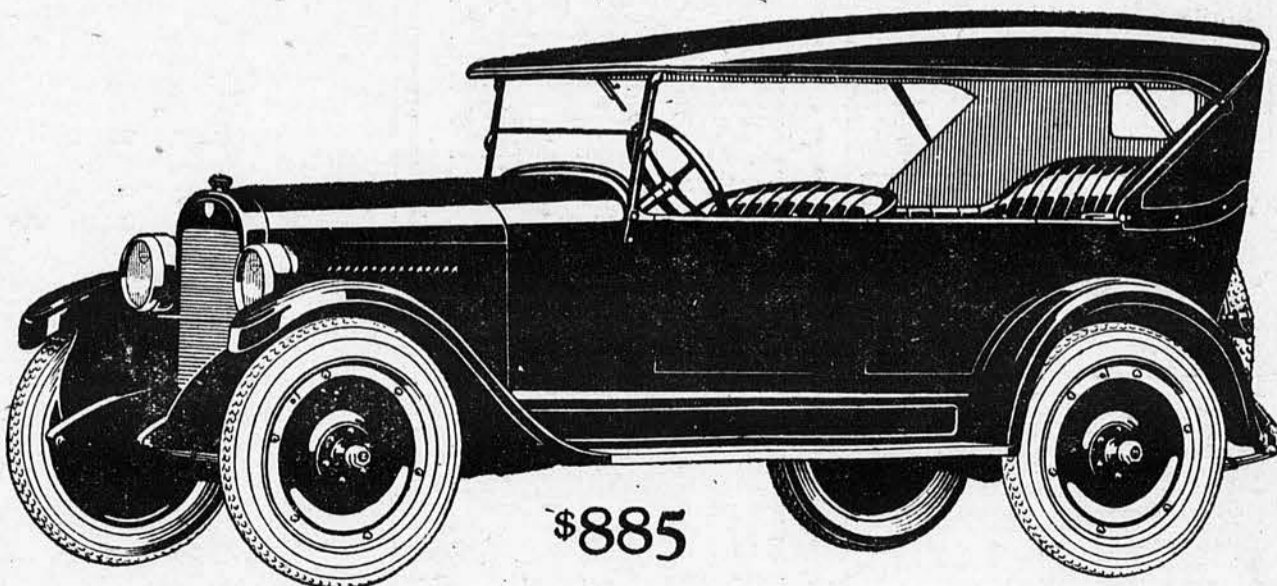
They are the qualities which the farmer recognizes at once and wants above all else; qualities which enable a dealer to stand back of the product with all his resources.

Uncommon beauty first gave the good Maxwell its firm grip on public regard.

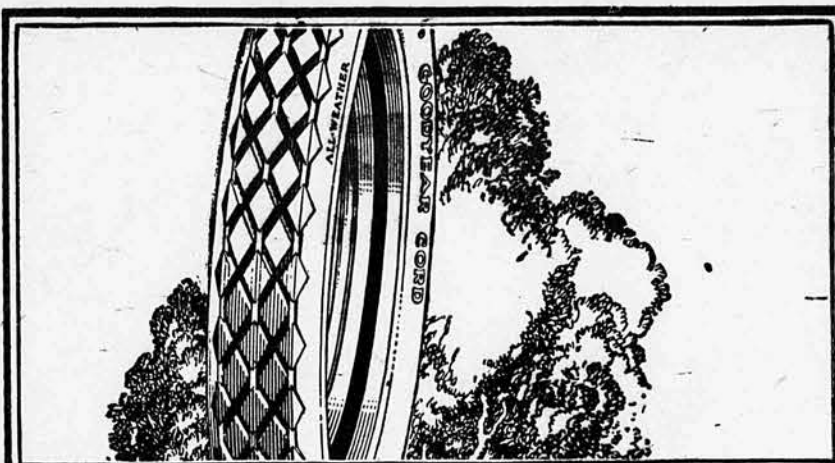
But it is the goodness, down underneath the beauty, that is sweeping it rapidly on to topmost place in its own market, and that demands attention from the man who must have the greatest return for his motor car money.

Cord tires, non-skid front and rear; disc steel wheels, demountable at rim and at hub; drum type lamps; Alemite lubrication; motor-driven electric horn; unusually long springs; new type water-tight windshield. Prices F. O. B. Detroit, revenue tax to be added: Touring Car, \$885; Roadster, \$885; Club Coupe, \$985; Four-Passenger Coupe, \$1235; Sedan, \$1335

MAXWELL MOTOR CORPORATION, DETROIT, MICHIGAN
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\$885



Get This New and Better Tire



If you are genuinely interested in tire economy, get the new Goodyear Cord Tire with the beveled All-Weather Tread.

This tread is made of a new and improved rubber compound which offers an amazing resistance to wear.

The blocks which line this tread on either side are beveled at the outer edge, relieving the carcass from vibration

and strain as wear proceeds.

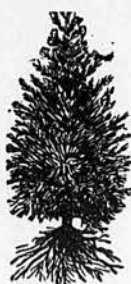
A heavier sidewall which resists curb and rut wear, stronger unions between plies and between carcass and tread, are other important features in this new tire.

You can get this longer-wearing, smoother-running and more economical Goodyear Cord Tire now from your nearest Goodyear Service Station Dealer.

The new beveled All-Weather Tread Cord Tire is made in all sizes for trucks and passenger cars

GOODYEAR

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Great for hog and sheep pasture. Ready to pasture in 6 to 8 weeks.

Special Price—\$9.15 per 100 lbs. Purity 99.5%. Germination 98%.

It will pay you to get my prices and samples if you are needing Soy Beans, Sudan Grass, Cane, Millet and other Farm Seeds.

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Sell 30 packets of garden seed at 10c. keep \$1 or select premium. Send for order blanks and FREE premium list. FOUR STATES SEED COMPANY Dept. F Texarkana, Arkansas

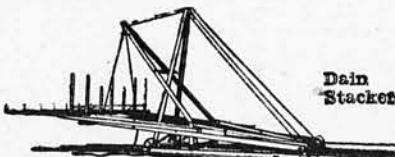
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Bred Up Reid's or Silvermine Carefully hand selected, thoroughly graded. Tests show practically 100% Germination. Can furnish all Standard Varieties of our own growing. Write for FREE Samples and Prices.

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District Salesmen Wanted, all or spare time. Earn \$1500-\$3600 yearly. We train the inexperienced. NOVELTY CUTLERY CO. 403 Bar St., Canton, Ohio

20 CONCORD GRAPE VINES...\$1, Postpaid
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Also many other big bargains. Save 50% or more. Don't buy until you get our LOW PRICES. Catalog FREE. Write today.
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Save Time in the Hay Field

Handle hay from meadow to stack on a Dain Sweep Rake, and build your stack with a Dain Stacket. No pitching onto the wagon or stack is necessary.

John Deere-Dain Sweep Rakes are built to do a real day's work. They handle large quantities of hay easily—quickly. Best quality materials used. Teeth are genuine longleaf yellow pine.

Dain Stackers have spring hay retainers, double A frames, long cushion springs, extension sills, and other exclusive features. They place the hay in the center of the stack making the center solid. Stacks built with Dain Overshot Stackers settle right and shed rain.

Sold by John Deere Dealers.



Dain Sweep Rake

FREE BOOK describing the complete line of Dain Sweep Rakes and Stackers sent upon request. Tell us what other implements you are interested in and we will also send you "Bookkeeping on the Farm"—just the book you need for your records. Address John Deere, Moline, Ill., and ask for Package XD-611.

JOHN DEERE
THE TRADE MARK OF QUALITY MADE FAMOUS BY GOOD IMPLEMENTS

Letters Fresh From the Field

Farmers Say Present High Railroad Rates Rob Them of All Reasonable Profits

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.

Rail Versus Wheat Profits

We farmers should be worth more to the Government than the railroads are, for we feed the Government. As Congress guaranteed the railroads 6 per cent profit on their investment, it seems to me only fair it should give the farmers a fixed price on wheat of not less than \$1.50 a bushel.

Sixty-five per cent of the farmers are renters, and we renters must give the landlord one-half the crops we raise. What is left us after we bear all expenses in raising wheat at present prices? We are losing \$5 to \$6 on every acre of wheat we raise while for two years we have been paying \$2 a bushel for the wheat we get back in the form of flour.

Two bushels of wheat makes 100 pounds of flour

Flour costs us a sack of 48 lbs. . .	\$1.90
8 pounds shorts 1 1/2 cents12
4 pounds bran 1 1/4 cents06
	\$2.08
2 bushels wheat, 100 pounds flour . .	\$3.80
2 bushels wheat brings the miller . .	.30
	\$4.10

Is this giving the farmers a square deal? If this goes on farmers will have to go into bankruptcy. We should have at least \$1.50 a bushel for our wheat.

S. C. Gilbert.

R. 3, Emporia, Kan.

No Relief While Rates are High

Let me congratulate Senator Capper upon the great work he has done for the farmers of the United States in the Senate. If our statesmen at Washington would now repeal the Cummins-Esch act and restore the rights of the states to adjust state rates, we could get a reduction of freight rates. Until this is done I see no relief for the people who produce the living for the United States.

The United States is too large for 12 men to supervise its freight and railroad adjustments. I believe in states' rights, in cases where the people who produce the crops are concerned. They make the living for the rest of the world. Why shouldn't they get a profit on their products as well as the corporations? J. F. Smith.

Makes Money Farming

While the soil on the upland farms of Southeastern Kansas is not renowned for its great depth nor for its extra fertility and as this country is heralded far and wide as the home of the grasshopper, the chinch bug, the dry weather and hot winds galore, a stranger would naturally think that there would be no system of farming devised whereby a farmer could have any assurance of anything like a certainty in the production of a crop of corn, but on this farm we have worked out a system whereby we have been reasonably successful in producing an amount of grain and feed no

matter how unseasonable the weather was.

In planning our crops we have allotted 10 acres of the poorest land on the farm for kafir and 10 acres of the best land for a good variety of 90-day corn which will be the first corn we plant. Then we will plant a good variety of white corn, preferably Boone County White. This really gives us three separate chances for a crop and while last year our Boone County white corn was badly injured by the hot dry weather, the early corn and kafir made good yield. This year conditions may be reversed but it is the average production year in and year out that counts most at the finish.

Blue Mound, Kan. J. H. Laird.

A Reputation for \$750

(Continued from Page 3)

to Spring Brook Bess Burke, who has been called the greatest mother of the Holsteins. She has seven semi-official daughters, three of which average more than 1,100 pounds of butter in a year. One of these is said to be the only cow of the breed that has produced more than 1,000 pounds of butter four different times. He promises to do a great deal for Kansas Holsteins.

Collins Farm consists of 320 acres in one tract and 300 acres in another 3 miles west of the home place. The rough land is devoted to pasture. Feed crops are marketed thru the cattle. Milk is skimmed and sweet cream shipped to Hiawatha. The skimmilk is fed to hogs and calves. Three carloads of hogs were marketed last year. Pigs with skimmilk as a supplement to corn reach 250 pounds in six or seven months. The basic grain ration for the dairy herd consists of 4 parts bran, 1 part oilmeal, 2 parts corn chop. The cows receive an allowance of this according to their production. They have all the corn silage and alfalfa hay they will clean up.

Sweet clover and Sudan grass are highly valued as pasture crops for the dairy herd by Mr. Van Horn. On one 30-acre field of Sweet clover sod, he harvested enough corn last fall to make 450 tons of silage. This clover had been seeded in the spring on wheat. It was pastured after wheat harvest and the following spring 50 cows were turned on it in April. Van Horn believes the pasture would have carried two cows to the acre during the summer because the clover finally grew up and became woody. Several head of horses were put on the field in August.

Ten acres of Sudan grass last year were pastured from about the first of June until frost. Forty head of cows were alternated between this Sudan grass and permanent pasture. The cows always picked up in milk when they were returned to the Sudan grass. The grass was sowed on stump land, 20 pounds to the acre. It was knee-high and ready to pasture about one month after seeding.

[Editor's Note—The barn on Collins Farm burned recently. Three cows and more than 50 hogs are reported to have been destroyed. Nineteen cows were injured by the flames. The loss was estimated at \$10,000.]



Collins Farm Violeta Truth, a Daughter of the Herd Sire, Vanderkamp Segis Pontiac, Produced 1,142 Pounds of Butter in a Year

No More Dull Hours for Him

Shawnee County Bachelor Farmer Installs a Radio Set and Gets Free Entertainment

BY FRANK A. MECKEL

MERELY being a bachelor and living all alone on a farm does not make L. B. Meyer a lonesome individual since he has installed his radio receiving set. Meyer's farm is between Topeka and Silver Lake in Shawnee county and is one of several county farms which is in constant touch with the entire United States. If there is any broadcasting station strong enough to shoot its radio waves as far as Shawnee county, they will be "picked up" and duly appreciated on this farm.

Last fall Meyer bought his outfit, an Aerola Sr. receiving set which employs a single tube that is lighted by means of a dry cell battery. He erected a two-wire aerial on top of his house. Two scantlings, one in front and one in the rear supported the wires, but he soon found that he did not have sufficient antenna, so he took down the rear support and strung his wires from the front of the house back to the gable of the barn. He now has a two-wire antenna with each wire about 100 feet long, and with this outfit he has heard most of the stations in the country. He has received messages from Schenectady, N. Y., Cleveland, Ohio, Chicago, Atlanta, Havana, Cuba, Fort Worth, Dallas, San Antonio, Kansas City, Omaha, Minneapolis, San Francisco, Los Angeles, Topeka, Wichita, Denver and a great many other cities in the United States.

His "Bachelor Hall" has become rather a rendezvous for all the young fellows in the neighborhood. They gather there in the evening and get all the entertainment they want at no cost to themselves. They no longer feel the need of going to the city to hear a concert or a speech. They just go over to Meyer's place and save a trip to town and get the stuff thru the air.

Enthusiastic About Market Reports

Meyer is particularly enthusiastic about the market report service that he is able to get by radio. There is scarcely an hour of the day when some station is not broadcasting market news, and inasmuch as Meyer is quite a livestock and produce raiser, being in the Kaw River Valley where the potatoes grow so prolifically, he is able to keep in very close touch with the markets in all his lines. The neighbors are also kept informed of market advances or declines, and there is no doubt but that this one radio receiving set has saved that community some money within the last six months.

There is nothing difficult in operating this receiving set which Meyer has installed. One wire connects it with the overhead aerial or antenna and another wire connects it with the ground. A dry cell battery lights the tube and a small "B" battery supplies the plate current. To receive a message it is only necessary to turn on the light and turn a dial to the right or left until a signal is heard. Further turning of the dial will "tune" this signal in very clearly so that it may be distinctly heard by means of a set of headphones over the ears. That's all there is to it. Whenever he tires of the one particular program, he can move his dial a few points and "tune in" to the program coming from another city or station.

Radio reception is really more simple

Cash for Radio Letters

Have you a radio set? If you have, write a letter about it to the radio editor. What do you like best to receive? Write that in the letter, too. Anything of unusual interest about your set will help you win the \$3 first prize for the best letter, \$2 for the second best, or \$1 for the third. If possible send along a picture of yourself and your set. If you will do this your letter will stand a better chance of getting a prize.

Address Radio Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.

in the country than it is in the cities, for there are no high tension electric wires or leaky transformers or trolley cars to interfere with the clear reception of a program. Much of the "static" interference in the cities can be traced to the above causes, so they are really not "static" at all, but local interference. Folks on the farm are not so hindered.

Meyer is a firm believer in radio. He has made it a point to notify the operators of the various stations which he has heard, and has a great many letters and programs of radio broadcasting from all over the country. This keeps him in closer touch with the bigger stations and quite often he has been able to "tune in" on a certain station which was broadcasting some spe-

cial program, because he knew just the time when they would start out with some feature that he wished to hear.

Incidentally, the people who operate the various broadcasting stations are anxious to know more about the reception of their programs. Their only means of knowing how far their messages are going is thru the co-operation of those who hear the broadcasts. Most of the large stations have printed programs which are sent free to all who write for them, and with one of these programs it is remarkably easy to "tune in" in just what you wish to hear.

Farmers are rapidly becoming convinced that radio communication is one of the most practicable things that has ever come to their attention. One need only travel thru the country and take note of the number of aeriels strung between houses and windmills or barns to be convinced of that fact. There are not as many receiving sets in the country as there are in the cities, but they are becoming more and more numerous all the time and it will not be long before a radio receiving set will be as common as a rural telephone on the farm.

Alabama Farmers Visit Kansas

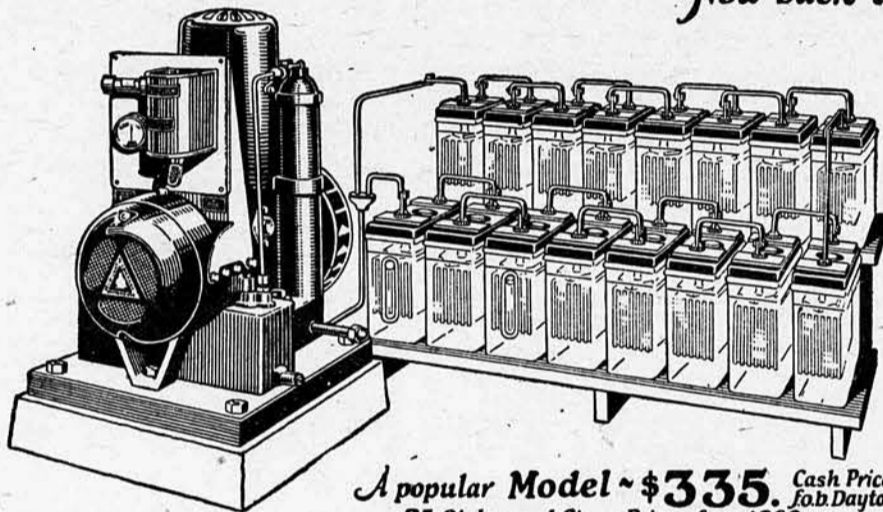
The Alabama legislative recess commission visited Kansas State Agricultural College, March 26, to study experiment station methods and agricultural methods in this state. The commission is composed of representative farmers, members of the legislature, Alabama Farm Bureau officials, the director of extension and of the experiment station, representatives of chambers of commerce and others interested in advancing agriculture in the state.

The commission is in charge of Senator W. F. Garth, chairman, and J. M. Moore, commissioner of agriculture, secretary. Seven or eight Northern states will be included in the tour. Various regulatory, experimental and extension activities of northern stations, colleges and departments of agriculture will be studied. The stop at Manhattan was the only one made in Kansas.

Change the hog house or dairy barn ventilating system with every change in weather and with every change in the number of animals in the building.

Dependable DELCO-LIGHT

Now back to 1917 Prices



A popular Model ~ \$335. Cash Price
25 Styles and Sizes - Prices from \$260 up
Sold on exceptionally easy terms

Subsidiary
GENERAL
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Special Delco-Light Set of Quality Fixtures

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We suggest that you get in touch with the Delco-Light dealer in your vicinity to find out what it would really cost to install complete the Delco-Light fitted to your needs.

If desired, you can buy your Delco-Light on easy terms.

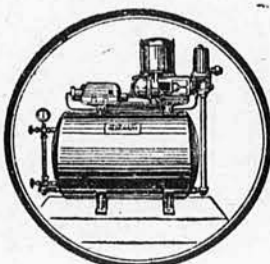
DELCO-LIGHT COMPANY, DAYTON, OHIO

Subsidiary of General Motors Corporation

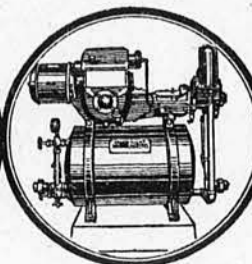
Also manufacturers of Delco-Light Water Systems, Delco-Light Washing Machine and Frigidaire, the Electric Refrigerator. All products made for 32 and 110 volt Direct or Alternating Current Service.

R. E. Parsons Elec. Co., 1322 Main St., Kansas City, Mo.
Arnold & Long, 135 Market St., Wichita, Kansas

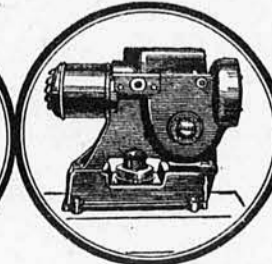
Owners of Delco-Light Plants can avail themselves of the conveniences offered by Delco-Light Products, which are made for AC or DC current for use in country or city homes.



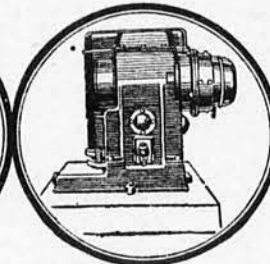
Delco-Light Shallow Well Pump \$125 f.o. b. Dayton



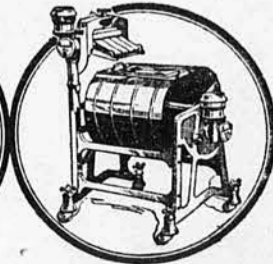
Delco-Light Shallow Well Pump \$195 f.o. b. Dayton



Delco-Light 1/2 h.p. Deep Well Pump \$225 f.o. b. Dayton



Delco-Light 1/2 h.p. Deep Well Pump \$300 f.o. b. Dayton



Delco-Light Washing Machine \$125 f.o. b. Dayton

How Many Children Have You?



NO matter how many you may have, they'll all enjoy this *En-ar-co Auto Game*. It's **FREE**. There's nothing like it. Nothing so interesting, fascinating, exciting—so full of good, innocent fun.

First the car you enter in the race is ahead—now you may have to go back for *En-ar-co Motor oil*—again, your opponent may be held up at a railroad crossing while you go speeding on your way—up hill and down, through town and village. You are winning, you think! But wait. You've run out of *White Rose Gasoline* and must stop for more. And so it goes. Every minute a thrill until the last car is over the finishing line. By all means send for this

FREE—En-ar-co Auto Game

Boys and girls, if your father owns an automobile, truck, tractor, or gas engine and you will have him fill out and sign the coupon below we will send you *En-ar-co Auto Game* absolutely **FREE**. You want it and should have it. Grown-ups, you should send for this interesting game for your children; you will enjoy it too. Send in the coupon today. Get the game **Free**, and learn about

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MOTOR OIL

The Oil of a Million Tests

En-ar-co Motor Oil is produced by the most highly scientific process known. That is why its use means scientific lubrication for your motor. *En-ar-co Motor Oil* guarantees not only uniformity, but the quality to withstand the greatest heat any motor will develop, retaining at all times its friction-preventing, cushioning properties.

The continued use of *En-ar-co Motor Oil* in your Motor insures less expense for repair bills, longer life for your motor and **more power**.

Ask your dealer for *En-ar-co Motor Oil*. If he cannot supply you, write direct to us. Do this today. **Use the Coupon below.**



En-ar-co Gear Compound for gears, differentials and transmissions. *White Rose Gasoline*, clean, uniform, powerful. *National Light Kerosene*, for tractor fuel, also for lamps, stoves and incubators.

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Send *En-ar-co Auto Game* **FREE**. I have never received an *En-ar-co Game*. (Write your name and address plainly—preferably printed.)

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

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

Colorado Farm News

Lamb Feeders' Day Brought Together Many Stockmen Interested in the Sheep Industry

BY E. J. LEONARD

THE first annual Lamb Feeders' Day was held in Fort Collins at the Colorado State Agricultural College recently and about 200 feeders were on hand to inspect the eight lots of lambs which had been on feed 100 days but with a different ration in each case. E. J. Maynard, feeding specialist who had charge of the experiment, gave a talk on causes of feed-losses. Over each pen were displayed figures showing gains, weight of feeds eaten, cost and appraised values.

The rations fed are as follows:
Lot No. 1, corn, alfalfa; Lot No. 2, corn, beet molasses, alfalfa; Lot No. 3, corn, corn silage, linseed oil meal, alfalfa; Lot No. 4, corn, dried molasses pulp, alfalfa; Lot No. 5, corn, corn silage, alfalfa; Lot No. 6, corn, sunflower silage, alfalfa; Lot No. 7, corn, beet top silage, alfalfa; Lot No. 8, corn, wet pulp, alfalfa.

Indications so far show the lambs in Lot No. 8 fed on wet beet pulp with corn and alfalfa to be in the lead as far as economical gains are concerned. These were outweighed by Lot No. 3, but the gains were made at a greater cost. The sunflower silage test proved more profitable than the test made with corn silage. There were 128 lambs in this experiment divided equally in the eight lots. These were sold on the Denver market at \$13.75. The results of the slaughter test will be known in a few days.

As to Lamb Feeding on Farms

According to the report of the U. S. Division of Crop and Livestock Estimates there are now 765,000 lambs on feed in Colorado. Since January 1 about 770,000 head have been marketed and \$5,000 added to those already on feed. Most of these will be fattened out by May 1. Lamb feeding is becoming one of the big industries of the state. Another development along this line is feeding down corn fields in the fall with sheep and lambs. In some cases this has proved very profitable. Many new corn fields in the irrigated districts of Colorado will be planted this year with this in view.

Farm Labor Shortage Possible

Industry along nearly all lines is experiencing a big boom. Labor is scarce and in big demand. Wages are advancing beyond the ability of farmers to pay so we may expect a farm labor shortage unless industrial conditions change. Farmers this year should carefully plan crops so that they can be handled as far as possible without hired labor. When wages are high laborers are generally very scarce and very independent and inefficient. It is the time the farmer has to take what is left. George E. Tucker, Field Director of the United States Farm Labor Bureau says: "The spring boom will

miss the farmer; while industry is enjoying a general boom he will be madly yelling for hired help. There is no general labor shortage but the farmer is being out-bid by employers in other lines. They are offering wages he can ill afford to pay." Farmers on irrigated sections will be wise in taking notice of this and planning accordingly.

Now for Co-operative Marketing

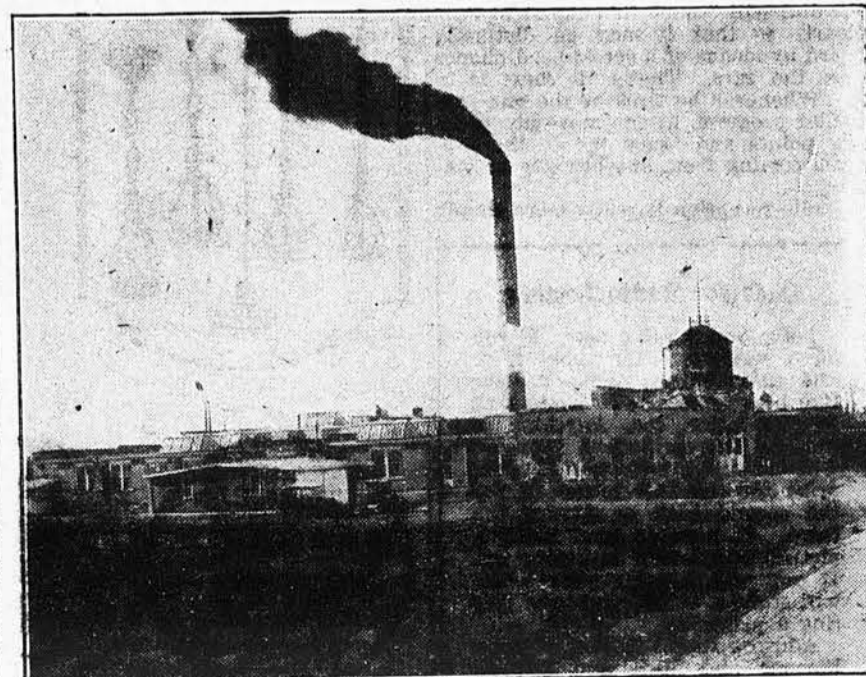
The new co-operative marketing bill which has already passed the senate has now passed the house by a unanimous vote. As this is one of the projects advocated by Governor Sweet it will soon be signed and in operation. Farmers in all parts of the state have been watching this legislation. Preparatory to this many local associations have been organized among the potato, fruit, vegetable and honey producers. With co-operative marketing legalized they can now plan state organizations along these lines for marketing 1923 crops. It is now hoped that the big losses of last year will not be repeated. Excessively high freight rates is the one big difficulty but the state cannot remedy this.

The Passing of the Scrub

The days of the roving scrub bulls and stallions are numbered. A law passed by the legislature of Colorado two years ago provides that none but purebred animals can run at large on the ranges of the state after April 1, 1923. As stockmen have had two years notice to prepare for the change there is not any difficulty expected in the enforcement of the law. There is also a provision that will not permit "any Jersey, Holstein, Guernsey or Ayrshire bull or bulls to run at large in the state under any pretense whatever." Many farmers and stockmen will not work for their own financial interests until compelled to do so by law.

Concerning Corn Silage

It takes a long time for some ideas to take root. Feeding of corn silage is an instance. Reports are often made with no specific instances given of how cows will lose their teeth and have their life of production shortened by being fed on silage. Farmers without experience in feeding silage are often the ones who seem to know the most about the bad effects. Wisconsin produces more milk than any other state. It also has more silos than any other. The number of silos there is increasing from year to year. There are now more than 100,000 silos in use in Wisconsin. When experiments everywhere coupled with farm experience all show the high value of silage in milk production why will farmers in Colorado or any other state doubt and question the use of corn silage? If cows could vote on this it would be unanimous.



The Plant of the Helvetia Condensing Company at Lamar, Colo., Which Now Provides an Outlet for Most of the Milk Produced in That Community

Farm Organization Notes

U. S. Grain Growers and Western Wheat Men Reorganize and Perfect Market Plans

THE Board of Directors of the U. S. Grain Growers, Inc., held a two-day session in the Chicago office of the corporation at 58 East Washington Street recently and elected the following officers:

President, Harry L. Keefe, Walthill, Neb.; vice president, Eugene Funk, Shirley, Ill.; secretary, J. M. Mehl, Chicago, Ill. Mr. Mehl will also serve as acting treasurer.

The executive committee consists of Harry L. Keefe, chairman; R. A. Cowles, Bloomington, Ill., and T. I. Ferris, Pleasant Hill, Ind.

John G. Brown of Indiana resigned from the board of directors in order to devote all of his time to his duties as president of the National Livestock Producers Association. Marshall P. Hill of Francisville, Ind., president of the Indiana Farmers Grain Dealers Association, was elected in Mr. Brown's place.

Dairy Ratification Meeting

J. T. Williams, chairman of the National Dairy Sales Agency Committee of Nine, announces that the ratification conference called to consider the report of that committee will be held at the Hotel Sherman, Chicago, on April 9. Representatives of all co-operative dairy marketing organizations are invited to attend the conference.

The report of the Committee of Nine has already been approved by the Minnesota Co-operative Creameries Association and the Iowa Creamery Federation in annual convention. It is expected that the ratification conference in Chicago on April 9 will approve the establishment of a national co-operative sales agency for handling butter, cheese and condensed milk.

Limestone for Lyon County Farmers

The Independent Gravel Company, of Joplin, Mo., will soon send a car of agricultural limestone to the Lyon County Farm Bureau for free distribution among Lyon County farmers. The only fee will be a small charge to pay the freight on the car.

Agricultural limestone is used to neutralize acid soils, where leguminous plants are grown. "Limestone is more commonly used in soil where alfalfa is grown," said C. L. McFadden, farm bureau agent. "Alfalfa must have a neutral soil to grow properly. It may grow, but it will dry up or the stand will not be good and not last long enough if too much acid prevails."

Howard Transportation Institute

Permanent organization of the National Transportation Institute was effected in Washington, D. C., recently. James R. Howard, formerly president of the American Farm Bureau Federation, was elected president; Congressman Sydney Anderson of Minnesota, chairman of the Congressional Joint Commission of Agricultural Inquiry is vice-president. E. E. Clark, who recently retired as chairman of the Interstate Commerce Commission, will be chairman of the board of directors. Headquarters will be in Chicago.

Plan Short Time Pool

A plan for short time pools for cotton is being worked out by the Arizona Cotton Growers' Association to relieve members who are not financially able to have their cotton sold thru seasonal pools.

It is believed that with a short term pool for early cotton the growers will be able to arrange their finances so that the remainder of the cotton can be sold thruout the year.

Western Wheat Growers Organize

Organized wheat growers of the West recently met at Wichita, Kan., and perfected the foundation for final organization of a national marketing system, and the plan is now ready to be voted upon by 11 state organizations, all of which are expected to ratify it.

While the Wichita conference of state delegates and directors of state marketing organizations did not provide for national headquarters or national officers for the proposed organization, it is expected that both the officers and the headquarters will be selected soon, since the proposed national marketing system calls for handling this year's wheat harvest.

Headquarters will probably be at Minneapolis with a southwestern branch either at Wichita or Kansas City. Plans for operating the national association and its articles of incorporation are to be submitted to the membership of 11 state wheat growers' clubs soon.

Electric Power for Farmers

The 14th plant producing current for the United Light and Power system began operation at Clay Center today, a concrete construction on the Republican River with 1,000 kilowatts capacity. The system is now the largest electricity producing concern in the state, having three hydro-electric plants, eight steam plants and three plants operated wholly by water power. All are tied together by transmission lines so that one, two or three may go out and service of the entire system be maintained.

Hydro-electric plants are located at Abilene, Rocky Ford, Superior, Neb.; steam plants at Kinsley, Peabody, Garfield, Manhattan, Junction City, Miltonvale, Frankfort and Deshler, Neb.; water power plants are at Clay Center, Blue Rapids and Bridgeport.

The system now serves 132 towns and 600 farms with several large industries, such as the Junction City-Manhattan electric line with a bus service from Junction City to Abilene.

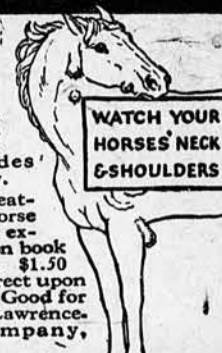
Livestock Tax Valuations Lowered

The Colorado Stock Growers Association has been busy getting the county assessors and the State Tax Commission to see the justice of lowering the assessment on cattle. As a result an average of \$2 a head will be clipped from the values. This will save the stockmen of the state more than \$70,000 in taxes.

POLL EVIL

FISTULA OR SWEENEY

THE reliable remedy is Gombault's Caustic Balsam. Used for over forty years. Supersedes firing and cautery. Symptoms and treatment of most horse ailments fully explained in direction book with every bottle. \$1.50 at druggists or direct upon receipt of price. Good for human use too. The Lawrence Williams Company, Cleveland, Ohio.



GOMBAULT'S Caustic BALSAM

As soon as you have read this issue of Kansas Farmer and Mail and Breeze pass it along to your neighbor.

McCormick-Deering THE STANDARDIZED LINE

An Announcement of Greatest Importance to Users of Farm Machines

FARM equipment in the past has been far too complex; there are many unnecessary models, styles, and sizes of machines on the market. The demand for variations has forced extra manufacturing costs and the maintenance of extra cumbersome repair service; all of which has interfered with the efficiency of both makers and users of farm machines.

The Harvester Company has long struggled to reform this tendency which is a relic of the time of hand-made tools, when each buyer saw to it that his own special ideas were carried out. Very definite progress has been made and we now offer McCormick-Deering Farm Equipment as the simple, standardized line, practical and efficient in all details. Note these practical points:

1. In each machine of the McCormick-Deering line every part that can be economically interchanged with similar parts on other machines has been standardized. This will assist you in taking care of emergency repairs, avoiding expensive delays in rush times.
2. Each standardized machine now represents the summed-up total of the Harvester Company's long manufacturing experience. It embodies all features that have proved best in discontinued models. The combination of strong features gives you the best and most practical implement for each purpose. This will very noticeably increase the flexibility and profit of your farming operations.
3. The standardization and simplification of the McCormick-Deering line insures still better repair service than has heretofore been available. With fewer types and styles and sizes of machines, a dealer can carry a more complete stock and a larger quantity of such parts commonly asked for. This cuts your wastes and loss of time to a minimum.
4. Simplified manufacture will inevitably express itself in lowest possible prices and improved quality. It will bring its most gratifying returns to you, however, in the speed and dispatch with which you can do your own repairing by interchanging parts, and by the improved service provided by the dealer when you need it.

The work of standardization is not finished. Much has been done but its benefits will be more and more apparent as the work nears completion. Under this extensive program McCormick-Deering machines will be built better, simpler, and more flexible as we go on.

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Grain Binders
Push Machines
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Hay Loaders
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Baling Presses
Corn Planters
Listers

Corn Cultivators
Corn Binders
Corn Pickers
Corn Shellers
Ensilage Cutters
Huskers and Shredders
Huskers and Silo Fillers
Beet Seeders
Beet Cultivators
Beet Pullers
Cotton Planters
Grain Drills

Lime Sowers
Broadcast Seeders
Tractor Plows
Walking Plows
Riding Plows
Disk Harrows
Spring-Tooth Harrows
Peg-Tooth Harrows
Tractor Harrows
1 and 2 Horse Cultivators
Dunham Cultivators
Kerosene Engines

Kerosene Tractors
Motor Trucks
Cream Separators
Manure Spreaders
Stalk Cutters
Feed Grinders
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Cane Mills
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Champion
Double-Ribbed Core
for your protection

Science Produced This Wonderful Core

The wonderful core of the new Champion spark plug was developed only through years of scientific research and experiment.

It has many times the strength and heat-resistance of the old-style clay-porcelain core.

A full set of Champions once a season keeps your motor running at its best. They save gas and oil and are insurance against serious engine trouble due to faulty ignition. Get Champions now for your motor car, truck, tractor or stationary engine.

Look for the Double-Ribbed core. Buy Champion spark plugs by the set. A type and size for every engine. Any dealer interested in selling you the best spark plug satisfaction will recommend Champions.

Champion Spark Plug Company
Toledo, Ohio

Champion Spark Plug Co. of Canada, Ltd., Windsor, Ont.

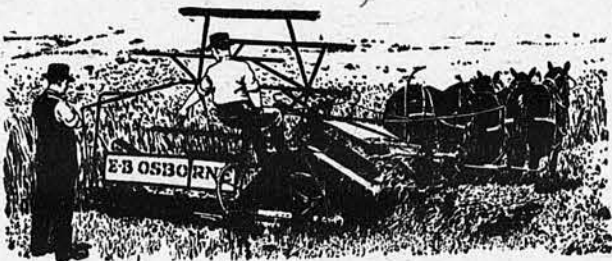


Champion X is the one spark plug recognized as the standard for Ford cars, trucks and tractors. Millions are in daily use. For sale everywhere.



CHAMPION

Dependable for Every Engine



E-B Osborne Crop Savers

E-B Osborne Grain Binders will handle grain in any condition—long, short, down, or tangled—and save all of it!

The strong Z-shaped cutter-bar can be set close to the ground and reel is quickly adjusted to push grain onto platform, regardless of length or condition. Platform canvas automatically straightens grain before it reaches elevator and grain up to 60 ins. long lies straight on binder deck. Compressor is quickly set for tying either large or small bundles, with band placed anywhere from 7 to 24 ins. from butt. Binder deck has ample clearance to prevent clogging. All bundles uniform with square, clean butts.

And E-B Osborne Corn Binders work just as satisfactorily in handling the corn crop as E-B Grain Binders do in saving the grain crop.

See your E-B Dealer
and write us for free pamphlets

Emerson-Brantingham Implement Co.
INCORPORATED
Business Founded 1852 ROCKFORD, ILLINOIS



Better Marketing is Urged

Aaron Sapiro of California Discusses Advantages of Co-operative Methods at St. Paul

AT THE recent Co-operative Marketing Conference in St. Paul, Minn., Aaron Sapiro, the famous expert on co-operative marketing for the California Fruit Growers' Association, delivered an address on marketing that is considered one of the best ever given on that subject.

In part, Mr. Sapiro said:

"Intelligent marketing is the basis of all improvement in agriculture, because it assures the farmer a profit on the products which he grows, and thus raises the standard of living in rural districts by enabling him to buy the things which he wants and needs.

"We have had all sorts of solutions offered for our present agricultural ills, solutions based on anger, on prejudice, on desperation, and so forth; but none of them has been based on the truth, on the true fundamentals that underlie our agricultural difficulties. These difficulties are economic, and an economic remedy must be applied to an economic ill.

The Only Remedy

"The only remedy is an improved system of marketing farm products, and the only way that improvement can be brought about is by means of an intelligent, businesslike system of co-operative marketing—merchandising farm crops instead of dumping them.

"In the development of every great industry, except agriculture, the practice has been group production, which has required the use of group capital, and this has led to group distribution and marketing. Everything you know, the manufacture of steel rails, the manufacture of chairs, the manufacture of clothes, is done in factories where you have group production. And wherever you have group production, you have needed group capital. And wherever you have group production financed by group capital, you always have group distribution and marketing. Our entire country, so far as its industrial system is concerned, has been built up on group production, group capital, group distribution, and group marketing.

Individual Selling is Wrong

"In agriculture the situation is different. There you have individual production; and everyone is agreed that individual production on the individual farm is right, because it insures the preservation of the American farm home. But the farmer's great problem is not a problem of production, it is a problem of marketing; and there we have made our great mistake. Farmers are individual producers, and they have always thought that they must market as individuals. We have tried to take agriculture, with individual production and individual marketing, and make it fit into a trade system where group production and group marketing prevail.

"Individual marketing has miserably failed. No man in the world can market intelligently without knowing what the whole crop is, without knowing what the absorbing power of the market might be at any given time, without knowing what are the channels thru which the commodity will move, without knowing how he can get finances to enable him to do orderly marketing over the consumptive period. Marketing is always a group problem, based not on what or where you produce, but on whom and where the buyers are.

Group Marketing Most Successful

"The only way to meet this situation is to take our individual producers and unite them in a system of group marketing by means of sound, businesslike co-operation. But I hear someone say, 'We will not give up our personal liberty in selling our own products as we like.' To that I answer, What personal liberty have you now? You have no individual liberty in selling your own products; you are absolutely at the mercy and the command of those who buy. In co-operation you cannot possibly have less liberty of sale than you have now, because now you have none. You have nothing to lose and everything to gain in a sound, businesslike system

of co-operative marketing. Co-operative marketing is simply putting into agriculture the same business principles that all successful industry has adopted.

"But there is a wrong kind and a right kind of co-operation.

California Adopted Denmark's Plan

"The right type of co-operation came from Denmark, where it was developed to serve producers in marketing their products. California took it right past your door, and applied it, and worked with it, and adapted it to their needs. After many years of experiment, and some trials and early failures, the system was perfected and standardized. Now it is used for practically every commodity grown in California. It is spreading thru the South and into the Eastern states. There is not a product grown in the Northwest to which it cannot be applied with material benefit to the growers.

"The right kind of co-operation is a means of orderly marketing, instead of dumping. Individual selling means dumping and dumping means low prices.

"The aim of the right kind of co-operative marketing by farmers is to merchandise crops instead of dumping them. It is not to fix arbitrary prices. It is not to hold crops off the market and speculate on higher returns. It is to move the crops on the market according to the consumptive demand at fair prices which the consumer is able to pay.

Six Important Steps

"To reach that point in co-operative marketing—merchandising farm crops—six steps are necessary.

"First—The crop must be standardized; the quality must be guaranteed; and the consumer must receive quality.

"Second—The commodity must be packed to meet the consumer's demand. The package must be the right size and it must look attractive. Our experience with prunes in California is a case in point.

"Third—In merchandising farm crops, you must constantly endeavor to extend your market by time and place and use.

"Fourth—In merchandising, you must get people to use your product all of the time instead of occasionally; you must convert luxuries into necessities.

"Fifth—In merchandising, you must control the flow of the product to market, without glut and without famine. This is the chief aim of co-operative marketing—the opposite of dumping. With wheat it is a 'cinch'; all the dealers and speculators now do it, and the growers themselves can do it with the right type of co-operation. It can be done with potatoes and other perishable and semi-perishable crops.

"Sixth—In merchandising, you must make the price depend upon the supply at the points of consumption, and not upon the supply at the points of production. In that is the difference between prosperity and poverty.

"Lastly do not lose sight of the fact that to manage these big co-operative associations and enterprises you must have the very best brains and experience that you can get and the place to get them is in the trade itself. Your association may be controlled entirely by farmers as officers and directors, but the management must be placed in the hands of expert business men."

Our Best Three Offers

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

The annual production of lumber and structural timbers for general building purposes reaches a value of nearly 1,000 million dollars, says the Forest Service, United States Department of Agriculture, in its annual report.

Hugo Falls in Love

(Continued from Page 6)

but they refused any information. However, I've got a pair from the nearest police-station. I shall order our blacksmiths to make a dozen pairs to pattern. They will be in next month's catalog."

"I congratulate you, Banbury." And he passed on. The early-rising customers were beginning to invade the galleries, the cashiers in their confessional-boxes were settling themselves in their seats, faultless shopwalkers were giving a final hitch to their lovely collars, and the rank-and-file were preparing to receive cavalry. The vast machine had started, slowly and deliberately, as an express engine starts. And already the heat, as yesterday, was formidable. But she would not suffer today; she was not in Department 42.

He went farther and farther, aimlessly penetrating to the very heart of the jungle of departments. He had glimpses of departments that he had not seen for weeks. At length he came to the verdant and delicious Flower Department (hot-house branch), and by chance he caught a word which brought him to a standstill.

"What's that?" he asked sharply, of a salesman in white.

An Order for Orange-Blossom

"Order for orange-blossom, sir. A single sprig only. Rather a curious order, sir."

"You can supply it?"

"Without doubt, sir."

"Who is the customer?"

"Mr. Francis Tudor," replied the salesman, looking at a paper. "No. 7, the Flats."

"Ah, yes," he said; and thought: "My life is over."

He gazed with unseeing eyes into the green and shady recesses of the palmarium, where water trickled and tinkled.

What was the power, the influence, the lever, which Francis Tudor was using to induce Camilla to marry him—him whom, on her own statement, she did not love? And could Louis Ravengar be in earnest, after all, with his savage threats?

"And when I decide, the thing is as good as done." Those proud, vain words of his, spoken to Louis Ravengar with all the arrogance of a man who had never met Fate like a lion in the path, often recurred to Hugo's mind during the next few weeks. And their futility exasperated him. He had decided to win Camilla, and therefore Camilla was as good as won! Only, she had been married on the very morning of those boastful words by license at a registry-office to Francis Tudor. The strange admixture of orange-blossom and registry-office was not the only strange thing about the wedding. It was clear, for example, that Tudor must have arranged the preliminaries of the ceremony before the bride's consent had been obtained—unless, indeed, Camilla had garbled the truth to Hugo on the previous night; and Hugo did not believe this to be possible.

Albert Shawn had brought the news hour by hour to Hugo.

After the wedding, the pair drove to Mr. Tudor's flat, where Senior Polycarp paid them a brief visit.

Then Hugo received by messenger a note from Tudor formally regretting that his wife had left her employment without due notice, and enclosing a check for the amount of a month's wages in lieu thereof.

And then Mr. and Mrs. Tudor had departed for Paris by the two-twenty Folkstone-Boulogne service from Charing Cross. And the gorgeous flat was shut up.

Was Life Worth While?

Albert Shawn had respectfully inquired whether there remained anything else to be done in the affair, far more mysterious to Albert than it was even to Hugo.

"No," Hugo had said shortly.

He was Hugo, with extraordinary resources at hand, but a quite ordinary circumstance, such as ten minutes spent in a registry-office, will sometimes outweigh all the resources in the world when the success of a scheme hangs in the balance.

What could he do, in London or in

Paris, civilized and police-ridden cities?

Civilization left him but one thing to do—to acknowledge his defeat, and to mourn the incomparable beauty and the distinguished spirit which had escaped his passionate grasp. And to this acknowledgment, and this mourning he was reduced, feeling that he was no longer Hugo.

It was perhaps natural, however, that his employees should have been made to feel that he was more Hugo than ever. For a month he worked as he had never worked before, and three thousand five hundred people, perspiring under his glance and under the sun of a London August, knew exactly the reason why. The intense dramatic and sentimental interest surrounding Camilla Payne's disappearance from Department 42 was the sole thing which atoned to the legions for the inconvenience of Hugo's activity.

Then suddenly he fell limp; he perceived the uselessness of this attempt to forget in Sloane Street, and he decided to try the banks of a certain trout-stream on Dartmoor. He knew that with all the sun-glare of that season, and the water doubtless running a great deal too fine, he would be as likely to catch trout on Dartmoor as on the Thames Embankment; but he determined to go, and he announced his determination, and the entire personnel, from the managers to the sweepers, murmured "Thank Heaven!"

The moment came for the illustrious departure. His electric coupe stood

at his private door, and his own luggage and Simon Shawn's luggage—for Simon never entrusted his master to other hands—lay on the roof of the coupe. Simon, anxiously looking at his watch, chatted with the driver. Hugo had been stopped on emerging from the lift by the chief accountant concerning some technical question. At length he came out into the street.

"Shaving it close, aren't we, Simon?" he remarked, and sprang into the vehicle, and Simon banged the door and sprang on to the box, and they seemed to be actually off, much to the relief of Simon, who wanted a holiday badly.

News From the Tudors

But they were not actually off. At that instant, as the driver pulled his lever, Albert Shawn came frantically into the scene from somewhere, and signalled the driver to wait. Simon cursed his brother.

"Mr. Hugo," Albert whispered, as he put his head into the coupe.

"Well, my lad?"

"I suppose you've heard? They've turned up again at the flat. Yes, this morning."

"Who have turned up again?"

"That's the point, sir. Some of 'em. And there's been a funeral ordered."

"A funeral? Whose funeral? From us?"

"Yes, sir; but whose—that's another point. You see, I've just run along to let you know how far I've got. Not that you gave me any instructions. But when I heard of a funeral—"

"Is it a man's or a woman's?" Hugo demanded, thinking to himself: "I

must keep calm. I must keep calm."

"Don't know, sir."

"But surely the order-book—"

"No order for coffin, sir. Merely the cortege; day after tomorrow; parties making their own arrangements at cemetery. Brompton."

"And did none of the porters see who arrived at the flat this morning?"

"None of 'em knows enough to be sure, sir."

"Well," said Hugo, "there isn't likely to be a funeral without a coffin, and no porter could be blind to a coffin going upstairs."

"I can't get wind of any coffin, sir."

"And that's all you've learnt?"

"That's the hang of it, sir—up to now. But I can wire you tonight or tomorrow, with further particulars."

Hugo glanced at the carriage-clock in front of him, and thought of the famine of porters at Waterloo Station in August, and invented several other plausible excuses for a resolution which he foresaw that he was about to arrive at.

"You've made me miss my train," he said, pretending to be annoyed.

"Sorry, sir. Simon, the governor isn't going."

Simon descended from the box for confirmation.

"Have the luggage taken upstairs," Hugo commanded.

He sat for seven hours in the dome, scarcely moving.

At nine o'clock Albert was announced.

"Coffin just come up, sir," he said, "from railway-station."

But that was the limit of his news.

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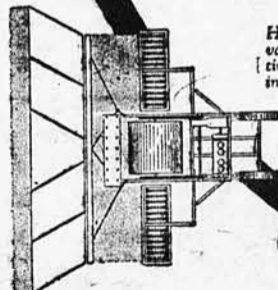
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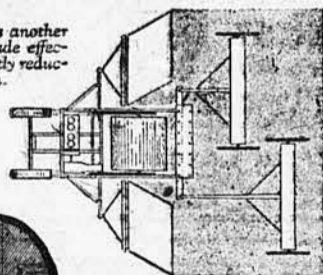
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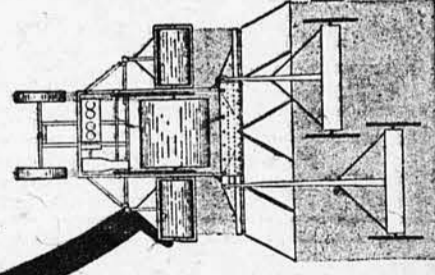
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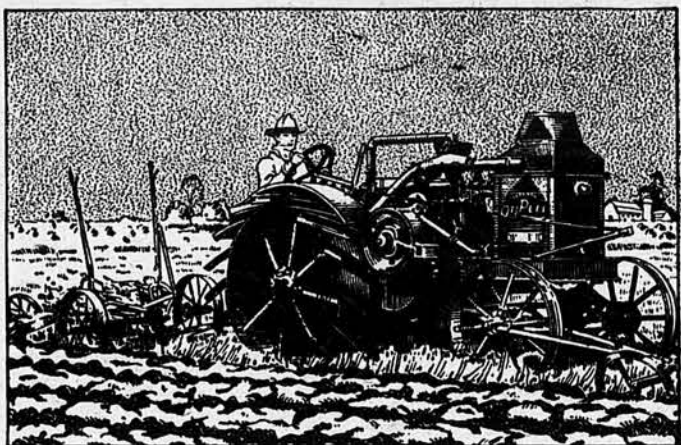
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We Have Letters from Your District

Practically every section of the country is represented. Yours is included. You ought to read these letters from your section. They show what the OilPull is doing for your neighbors. We will gladly send them, together with a copy of our new booklet on Triple Heat Control, if you write Dept. F

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Within an hour Hugo went to bed. He could not sleep; he had known that he could not sleep. The wild and savage threat of Louis Ravengar, and the question, "Which?" haunted his brain. At one o'clock in the morning he switched on all the lights, rose out of bed, and walked aimlessly about the chamber. Something, some morbid impulse, prompted him to take up the General Catalog, which lay next to a priceless copy of the 1603 edition of Florio's "Montaigne." There were pages and pages about funerals in the General Catalog, and forty fine photographic specimens of tombstones and monuments.

"Funerals conducted in town or country. . . . Cremations and embalmments undertaken. . . . Special stress is laid on the appearance and efficiency of the attendants, and on the reverent manner in which they perform all their duties. . . . A shell finished with satin, with robe, etc. . . . All necessary service. . . . A hearse (or open car, as preferred) and four horses, three mourning coaches, with two horses each. Coachmen and attendants in mourning, with gloves. Superintendent, 38 pounds. Estimates for cremation on application. . . . Broken column, in marble, 70 pounds. The same, with less carving, 48 pounds. And so on, and so on; and at the top of every page: "Hugo, Sloane Street, London. Telegraphic address: Complete, London. Hugo, Sloane Street, London. Telegraphic address: Complete, London. Hugo."

Whom was he going to bury the day after tomorrow—he, Hugo, undertaker, with his reverent attendants of appearance guaranteed respectable?

The great catalog slipped to the floor with a terrible noise, and Simon Shawn sprang out from his lair, and stopped at the sight of his master in pajamas under the full-blazing electric chandelier.

"All serene," said Hugo; "I only dropped a book. Go to sleep. Perhaps we may teach Devonshire tomorrow," he added kindly.

He sympathized with Simon.

"Yes, sir."

He thought he would take a stroll on the roof; it might calm his nerves. . . . Foolishness! How much wiser to take a sedative!

Then he turned to the Montaigne, and after he had glanced at various pages, his eye encountered a sentence in italics: "Wisdom hath his excesses, and no lesse need of moderation, than follie."

"True," he murmured.

He dressed, and went out.

The Coffin

He was in that mental condition, familiar to every genuine man of action, in which, tho the mind divides against itself, and there is an apparently even conflict between two impulses, the battle is lost and won before it is fought, and the fight is nothing but a sham fight. He wandered about the roofs; he went as far as the restaurant garden, and turned on all the electric festoons and standards by the secret switch, and sat down solitary at a table before an empty glass which a waiter had forgotten to remove. He extinguished the lights, wandered back to the dome, climbed to the topmost gallery, and saw the moon rising over St. Paul's Cathedral. He said he would go to bed again at once, well knowing

that he would not go to bed again at once. He swore that he would conquer the overmastering impulse, well knowing that it would conquer him. He cursed, as men only curse themselves. And then, suddenly, he yielded, gladly, with relief.

He hastened out, and did not pause till he reached the balcony of flat No. 7 in the farther quadrangle. He admitted frankly now that the dominant impulse which controlled his mind would force him to enter the flat during that night, by means lawful or unlawful, and he perceived with satisfaction that the great French window of the drawing-room was not quite shut. The blinds, however, had been carefully lowered, and nothing of the interior was revealed save the fact that a light burned within. In the entire quadrangle, round which, tier above tier, hundreds of people were silent in sleep or in vigil, this was the sole illumination. Hugo leaned over the balcony, and tried to pierce the depths of the vast pit below, and those thoughts came to him which come to watchers by night in the presence of sleeping armies, or on the high sea. The eternal and insoluble question troubled and teased him, and would not be put aside. In imagination, he felt the very swish of the planet as it whirled thru space with its cargo of pitiful humanity. What, after all, were life, love, ambition, grief, death? What, in the incessant march of suns, could be the value of a few restless specks of vitality clinging with desperation to a minor orb?

No Sounds

And then he fancied he could hear a sound within the flat, and he forgot these transcendental speculations, and for him the secret of the universe lay behind the blinds of Francis Tudor's drawing-room. Yes, he could hear a sound. It was the distant sound of a man talking—loudly, slowly and distinctly—but too far off for him to catch even one word. He guessed, as he pushed the window a little wider open, and bent his ear to the aperture, that the voice must be in a room beyond the drawing-room. It continued monotonously for a long time, with little breaks at rare intervals; it was rather like a parson reading a sermon in an empty church. Then it ceased. And there were footsteps, which approached the window, and retired. He noticed that the light within the room was being moved, but it cast no human shadow on the blind. The light came finally to a standstill, and then there followed sounds which Hugo could not diagnose—short, regular sounds, broken occasionally by a sharp clash, as of an instrument falling. And when these had come to an end, there were more footsteps—a precise, quick walking to and fro, which continued for ages of time. Lastly, the footsteps receded; something dropped, not heavily, but rather in a manner gently subsiding, and a groan (or was it a moan, a tired suspiration?) awakened in Hugo's spinal column a curious, strange thrill. Then silence, complete, definitive, terrifying.

By merely pushing the window against the blind, he could enter and know the secret of the universe.

"Why am I doing this?" he asked himself, while he pushed the window. "Why have I done this?" he asked himself, as he stood within the immense and luxurious room.

Alfalfa Will Help the Wheat

BY H. M. BAINER

CONSIDERING the Southwest as a whole, there is no crop that can be combined with wheat to better advantage than alfalfa. In the first place, alfalfa is a profitable cash crop in the areas where it is best adapted. Once established it can be produced with little expense and practically no risk. But its greatest value to the farmer who has been growing wheat alone is the fact that it will aid materially in reducing the loss of soil fertility that is taking place at an almost alarming rate.

To what degree alfalfa will arrest soil depletion or restore a run-down farm is an open question. Alfalfa like other legumes has the power of removing free nitrogen from the air and storing it in the soil, and when it is plowed up leaves the soil richer than when it was sown. A good supply of nitrogen is not necessary to the production of large wheat crops but recent investigations show that the amount of available nitrogen in the soil has much to do with the protein content of the wheat.

Unfortunately, alfalfa is not a successful crop throughout all of the wheat belt of the Southwest. It has not been generally profitable on the dry uplands of the West. It does not grow well on acid soils. A careful study of soil and climate conditions frequently shows that alfalfa can be grown in many places where it is now thought unadapted. Fortunately there are other legumes such as Sweet clover and soybeans which in some cases may be substituted for alfalfa where the latter is not a successful crop.

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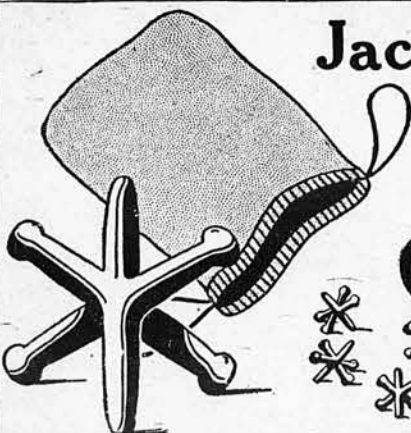
Jacks for the Girls

A Complete Outfit

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GIRLS FREE OFFER

This complete outfit will be given FREE for two one-year subscriptions to Capper's Farmer at 25c each—a 50c club. Your father's or mother's subscription will count as one in this club. Send your order TODAY. Capper's Farmer, Topeka, Kan.



He gazed round with a swift and timid glance, as a man would who expects to see that which ought not to be seen. To his left was the fireplace, with a magnificent mirror over it. On the mantelpiece burned a movable electric table-lamp, with twin branched lights. He observed the silk-covered cord lying across the mantelpiece and disappearing over the further edge; by the side of the lamp, was a screwdriver. Exactly in front of the lamp on trestles such as undertakers use, lay an elm coffin, its head towards the mantelpiece. At the opposite end of the room was another fireplace and another mirror, with the result that coffins, and corpse-lights, repeated and repeated. All they were lost in a vague crystal blur, and by every pair of corpse-lights was a screwdriver.

He stood motionless, and listened, and could detect no faintest sound. Across the room from the principal window there was a doorway with a heavy portiere; not a fold of the portiere stirred. To his right, near the other window, was a door—the door by which Camilla had entered that night a month ago; it was shut. His glance searched among the rich confusion of furniture—occasional tables, sofas, statuary, vases, cabinets. He peered into every corner of the silent chamber, and saw nothing that gave a sign of life. He even gazed up guiltily at the decorated ceiling, as tho some Freemason's Eye might be scanning him from above.

The coffin reigned in the room; all else was subservient to its massive and sinister presence, and the bright twin-lamps watched over its majesty with dazzling orbs.

Hugo went near the coffin, stepping on tiptoe over the thick-piled rugs, and examined it. There was no nameplate. He looked at himself in the mirror, and again he murmured a question: "Why am I here?" Then he listened attentively, fearfully. No sound. His hands traveled to the screwdriver on the mantelpiece, and then fifty of his hands picked up fifty screwdrivers. And he listened once more. No sound.

"I must do it. I must," he thought. The next moment he was unscrewing the screws in the lid of the coffin, and scarcely had he begun the task when he realized that what he had heard from the balcony was the screwing of these same screws. There were twelve, and some of them were difficult to start, but in due course he had removed them all, and they stood in a row on their heads on the mantelpiece. He listened yet again. No sound. He had only to push the lid of the coffin to the left or to the right, or to lift it up. He spent several seconds in deciding whether he should push or lift, and then at length fifty Hugos lifted bodily the lids of fifty coffins. And after a dreadful hesitation he lowered his gaze and looked.

"It Was Camilla"

Yes, it was Camilla! He had known always that it would be Camilla.

The pale repose of death only emphasized the proud and splendid beauty of that head, with its shut eyes, its mouth firmly closed in a faint smile, and its glorious hair surrounded by all the white frippery of the shroud. Here lay the mortal part of the incomparable creature who had been coveted by three men and won by one—for a few brief days' possession. Here lay the repository of Ravengar's secrets, the grave of Hugo's happiness, the dead mate of Tudor's desire. Here lay the eternal woman, symbol of all beauty and all charm, victimized by her own loveliness. For if she had not been lovely, thought Hugo, if the curves of her cheek and her nostrils and the color of her skin had been ever so slightly different, the world might have contained one widower, one ruined heart, and one murderer the less that night.

He did not doubt, he could not doubt, after Ravengar's threats, that she had been murdered. And yet he was not angry then. He did not feel a great grief. He was conscious of no sensation save a numbed and desolate awe. He had not begun to feel. Ledge the lid crossways on the coffin, he placed his hand gently upon Camilla's brow. It was colder than he had expected, and it had the peculiar hard, inelastic touch of incipient decay—that touch which communicates a shudder even to the most impassive.

"I must go," he whispered, staring spellbound at her face.

He was surprised to find drops of moisture falling on the shroud. They were his tears, and yet he had not known that he was crying.

He hid her again beneath the elm plank, and, taking the screws one by one from the mantelpiece, shut her up forever from any human gaze. And then, nearly collapsing under a nervous tension such as he had never before experienced, he turned to leave the apartment as he had entered it, like a thief. But the mystery of the heavy velvet portiere invincibly attracted him. His steps wavered toward it. He fancied he saw something dark protruding under the curtain, and he pulled the curtain aside with a movement almost hysterical. A man lay extended at full length on his chest in the passage beyond—what Hugo had noticed was his boot.

"Tudor!" he exclaimed, kneeling to examine the half-concealed face.

Dr. Darcy Arrives

At the same moment a figure came quietly down the passage. Hugo looked up, and saw a sallow-featured man of about thirty-five in a tourist suit, with light beard and hair, and long thin hands.

"What is this?" asked the stranger evenly. "Who are you?"

"My name is Hugo," Hugo answered with assurance. "I was walking along

the balconies, as I do sometimes at night, and I heard strange sounds here, and as the window was open I stepped in and found this. Are you a friend of Mr. Tudor's?"

The other bent in his turn, and after examining the prone body said:

"I was. He has no friends now."

"You mean he is dead?"

"He must have died within the last quarter of an hour or so."

"And nothing can be done?"

"Nothing can be done with death."

"I take it you are a doctor?" said Hugo.

"My name is Darcy," the other replied. "Besides being Tudor's friend, I was his physician."

"Yet even for a physician," Hugo pursued, "it seems to me that you have been able to decide very quickly that your friend and patient is dead. I have always understood that to say with assurance that death has taken place means a very careful and thorough examination."

"You are right," Darcy agreed, stroking his short, bright, silky beard. "There is only one absolute proof of death."

"And that is?"

"Putrefaction. Nevertheless, the inquest will show whether I have been in error."

"There will have to be an inquest?"

"Certainly. In such a case as this no doctor in his senses would give his certificate without a post-mortem, and

tho I am an enthusiast, I am in my senses, Mr. Hugo."

"An enthusiast?"

"Let me explain. My friend Tudor was suffering from one of the rarest of all maladies—malignant disease of the heart. The textbooks will tell you that malignant disease of the heart has probably never been diagnosed. It is a disease of which there are no symptoms, in which the patient generally suffers no pain, and for which there is no treatment. Nevertheless, in my enthusiasm, I have diagnosed in this case that a considerable extent of the cardiac wall was affected by epithelioma. We shall see. Not long since I condemned Tudor to an early and sudden death—a death which might be hastened by circumstances."

(TO BE CONTINUED.)

During the calendar year 1921, 1,104 miles of road and 2,959 miles of trail were constructed or improved within and adjacent to the national forests, according to the Forest Service, United States Department of Agriculture. Three thousand and seven miles of roads and 4,294 miles of trails were maintained.

"There is no hope for a farming group that customarily thinks of 20 things Congress ought to do for it before it thinks of a single thing that it ought to do for itself."



Now Is the Time to Clean and Repaint Machinery

IN the early Spring is the ideal time. Careful attention can be given to the overhauling, cleaning and repainting of all farm and motor equipment.

LEWIS' LYE makes an ideal solution for the removal of all dirt and caked oils or greases from farm machinery parts, as well as the removal of old paint.

A few hours' work now may prevent a break-down in the busy summer months when it is necessary "to make hay while the sun shines." A few hours' work now may mean a saving of hundreds of dollars then.

Buy twelve cans of LEWIS' LYE at a time. Always keep it handy for use around the Kitchen, Garage, Hoghouse—all farm buildings.



The many detailed uses for LEWIS' LYE are given in our booklet "The Truth About a Lye," which contains thirty-four soap-making recipes as well as nearly fifty other uses.

Our folder "How to Clean Motor Equipment with Lewis' Lye" contains valuable information on the care and cleaning of autos, trucks and tractors. These booklets will be sent free upon request.

PENNSYLVANIA SALT MANUFACTURING CO.

Manufacturing - Packing - Distributing LYE - Since 1856

PHILADELPHIA, PA.

Just a few uses for LEWIS' LYE



Nothing equals it for cleaning auto radiators, transmissions, differentials and greasy parts



Cleans garage floors—cuts grease and dirt on farm machinery



Unexcelled for making home-made soap by cold process

"USERS SATISFIED FOR HALF CENTURY"

Our Kansas Farm Homes

Mrs. Ida Migliario
—EDITOR—

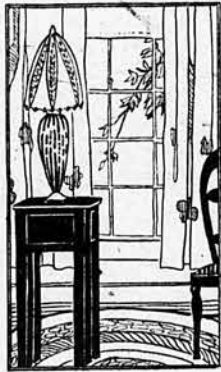
Draping the Eyes of Your Home with Inexpensive Fabrics

HOW much you may add to the charm of a room if you select attractive curtains! Curtains serve a three-fold purpose—they shut out bits of unsightly landscape, protect us from the view of those who pass by and soften the bright glare of the sunlight as it falls upon the glass. So choose them with care.

Fortunate is the country woman who can push back the curtains; unafraid of the casual glance of passersby; she can gaze out upon a vista of wooded hills, intervening valleys and green meadows. Surely the farm woman need not shroud her windows with thick fabrics used so much in the crowded city homes.

The day of the fussy lace curtain has passed and we use in its place many simple and inexpensive materials. If you are looking for something very inexpensive but at the same time attractive, why not use a good quality of cheesecloth or a very loosely woven, light weight unbleached muslin? The impurities and brown specks in the muslin only add to its beauty as it hangs in soft folds. Both of these fabrics may be colored in the home dye pot and are thus transformed into lovely drapery materials.

Scrim is exceedingly durable but if it is too coarse and heavy you may substitute voile or marquisette. Dotted Swiss makes charming curtains for a bedroom if it is finished with narrow ruffles and tied back at the sides. Japanese crepe is an admirable curtain material in white or colors; it is



many ready-made curtains at attractive prices. It is probable, however, that you can get better materials for the same money if you buy the curtain material by the yard. The salesman will be glad to measure off the material for each curtain separately, and you will be spared the laborious task of cutting all of them in uniform length. Instead of buying two lengths of 36-inch material for each window, it is often an economy to buy only one length of wider material and split it.

Headings Relieve Plainness

If you do not use over-draperies you will find that an inch-wide heading at the top of the curtain will relieve its plain appearance. It is always in good taste to use equal hems on all four sides of the curtains. One ingenious woman leaves the selvages at the sides and makes the top and bottom hem exactly the same width so that she may reverse the ends after they are washed. They wear much longer if alternated in this way. To keep the hems even it is often necessary to draw out a thread and sew along the drawn line.

The use of figured cretonnes offers many decorative possibilities. In buying this material, its color and design are usually considered of greater importance than the quality of the fabric itself. Do not use a bold design and very bright colors in your draperies unless the rest of the furnishings of your room, such as the rug, wall paper and upholstery are quiet in color and simple in design.

Mrs. J. M. Quattlebaum, Jr.

Appetizing Bacon Dishes

If there is any meat more generally popular than ham, it probably is bacon. To many persons, a breakfast without bacon is a meal without zest. The American housewife may, however, neglect to take complete advantage of the use of bacon as a garnish, or as a "food extender." Cold meats garnished with crisp bacon make an agreeable main course and vegetables cooked or served with bacon can replace the heavier meat dish.

Bacon Omelet

Dice 3 or 4 slices of bacon and let simmer slowly. Break up 3 eggs and add to this $\frac{1}{2}$ cup of milk. Beat the eggs well before adding the milk. Add this egg mixture to your bacon and let cook until a light brown.

Fried Bacon with Gravy

Fry $\frac{1}{4}$ pound of thinly sliced bacon crisp and brown. Remove the pieces to a hot plate, then to the drippings add 4 tablespoons of flour. Stir until smooth, then add $1\frac{1}{2}$ cups of rice or vegetable stock, boil 5 minutes and season to taste. Pour over the bacon, and garnish with toasted points.

Stuffed Bacon Slices

Make a moist bread dressing. Place 1 heaping teaspoon on the end of a slice of bacon. Roll the bacon slice around the dressing and fasten with a toothpick or small skewer. Broil, turning frequently to brown on all sides, or fry in a pan, turning to cook evenly on all sides and basting with the drippings.

A Progressive Rural School

An article in a recent issue of the Kansas Farmer and Mail and Breeze stated that only 13 per cent of the children attending rural school completed high school work. The records of the Forest Grove school located 5 miles north of Effingham, show that beginning with 1917, 100 per cent of its eighth grade graduates enrolled and completed four years' work in the Atchison County High School. The scholarship and third place in school work were won by two students in the 1921 class. At the present time, this district has one student at the Kansas

State Agricultural College, three at the Kansas University and one in a St. Louis university.

The largest enrollment in the school the past six years is 16—the present enrollment. Prior to 1917, there were Forest Grove pupils in the Atchison County High School but the entire class did not attend.

Take an interest and boost your school even tho it is only the one-teacher rural school. Its success or failure depend largely on the support given it by every individual in the district.

Mrs. C. M. Madden.

Your Hat and You

A hat that is becoming and chic is this little model of taffeta and straw. The brim is of the taffeta, shirred over cords at intervals all around the brim. A wide strip of bias material was used and measurements taken carefully, allowing enough to reach to the top and bottom of the brim frame. The size of the cords must be taken into consideration and the fact that three of them are used at each shirring so allow plenty of silk. The crown is made of straw in a lighter shade than the



brim. Strips are sewn across the top of the crown until the straight up and down portion of it is reached. These strips are cut long enough to be covered without skimping and stretching when the rest of the crown is covered—round round and round. The huge bow with its air of "niftiness" is poised upon the right side of the crown and is in taffeta matching the color of the crown.

Colors Should Harmonize

Choose a hat of this type so that it will either match or tone in with the majority of the dresses you will wear with it. Brown and sand are a good combination if one can wear those trying shades, while two shades of blue that harmonize would be good.

The woman who must have her hat all black will find that the two materials used will provide a bit of contrast. Two shades of wistaria, light and dark, would be excellent. Choose a color or color combination that will be becoming when you are not quite up to your best, then your hat will surely look well when you have time to spend an hour or so in grooming yourself. Hallie Hayden Hershey.

Happy Thoughts for Gray Days

It may be because father has begun to talk of garden making, and my school girl friends of graduation frocks; it may be because our crimson rambler is beginning to leaf out and the peonies to peep thru the ground; or it may be just a whisper of the south wind, or the clear sweet whistle of a bluebird that I heard the other day; but whatever the sign, I know—something tells me that—Mistress Spring is almost here.

Despite Mr. Groundhog's gloomy prediction that she would be late in arriving nature is on tiptoe with eager expectations for this, her loveliest visitor.

Old Mr. Groundhog isn't the only pessimist tho; nearly every day I hear someone say, "Oh yes, we have had a wonderful winter but we will pay up for it in the spring." I cannot for the life of me see why people are always expecting bad weather, bad crops, and bad everything—particularly at this joyous season.

It seems to me that spring is synonymous with hope. Does not every springtime bring glorious sunshine and

refreshing showers, greening grass and budding trees, awakening flowers and caroling birds? Then why should we not hope for and expect these things this year? Why must some people think that because the dear Lord especially favored us the past winter, He is going to send us just the opposite kind of weather this spring?

What if we do have a few more rainy days than we like! These will only make us better appreciate the bright ones, and after all it is very much as Riley says.

There ain't no use to grumble and complain. It's just as easy to be happy and rejoice. When God sorts out the weather and sends rain, Why, rain's my choice!

Irene Judy.

Good Soap Recipe

Cracklings, bacon rinds and meat scraps are not difficult to make into soap with the following recipe.

Pour 2 gallons of water into an iron kettle and empty 3 cans of lye into it. Let it cook for an hour. Then place on the stove and add 14 pounds of cracklings and rinds. Boil this until every particle of fat is dissolved. Add about 2 gallons of water from time to time to keep the mixture from boiling over. Set this aside until the next day.

Then skim off the white crust and brown jelly together, leaving the sediment in the bottom of the kettle. Throw the sediment away and wash the kettle. Put the jelly and crust back into the kettle and boil 2 hours. Add boiling water until the soap becomes the consistency of thick honey when dropped from the stirring stick. Be careful and do not add too much water. Pour into molds or boxes.

Glass and Teaspoon on Relay

"Choose an even number of boys and girls and divide the couples into two sides. Give each girl a glass of water and a teaspoon. At a signal, the first



girl on either side begins to feed her partner the water with a teaspoon. When one couple finishes, the couple in back of them begins. The losing side entertains the winning side with a stunt." This is one of the games in our pamphlet, "Games for All Occasions." There are 30 more games in the pamphlet just as interesting. The games in our other pamphlet, "Thirty Three Mixer Games," have made just as big a hit as those in "Games for All Occasions." These pamphlets sell for 15 cents apiece. If you need lively games for your next party, send an order for one or both of them to the Amusement Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.—Adv.

Possibilities of the Button

The next dress you make sew your buttons on with coarse embroidery cotton. On a green checked gingham dress I sewed large buttons at the back fastening with black thread, as in the center illustration. I saw a pink and green plaid gingham which



had the buttons sewed on with black thread and it needed no other trimming. Two of the most attractive children's dresses shown recently had the buttons fastened on with thread the same color as the embroidery on the garments. Where buttons are used merely as ornaments, the thread could be stitched as in the last two models. Audrie Myers Guild.

About the Picture Page

THESE pictures were chosen from those entered in our picture contest as being representative of things of interest around our Kansas farm homes. If you have a good, clear picture of your farm that you think will reproduce well, we will be glad to have you send it to us. Address Mrs. Ida Migliario, Farm Home Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan.

thick enough to give privacy, and is easily laundered. Checked gingham and plain colored chambrays are appropriate for bedroom or bathroom curtains. I have seen all linen crash toweling in a heavy, unbleached quality used for library or study curtains; they were made with valance and side hangings, the glass itself being left uncovered to make the room as light as possible.

Pongee Wears Well

Nets are used extensively both in the plain and filet weaves; the elaborate filet designs are not in as good taste as the simpler ones. If your purse will permit why not buy pongee for your living room? The first cost is high, but the material is almost indestructible and may be washed quite easily with soap and water.

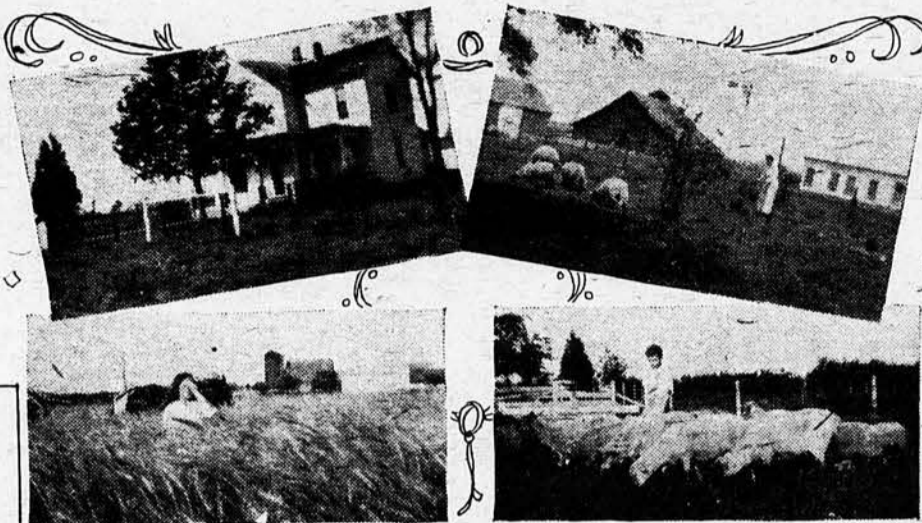
Your curtains should hang so that they cover the entire window casing. The softer and finer the material the wider should the curtain be; if you allow a heavy curtain to hang very full it will look clumsy and stuffy. In length the curtain should just clear the window sill.

Many women find that curtain making at home is a tedious and unpleasant task. For them the stores offer

Taking a Peep at Other Folks' Farms



George Lester Hill of Dickinson County Says He Rides Jerry, His Pet Calf, When He Herds Cattle



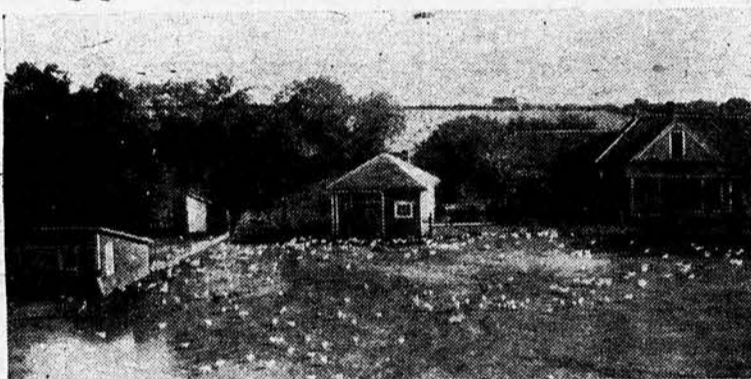
Second Prize Was Awarded to This Group of Pictures Taken Around the Farm Home of Mr. and Mrs. L. M. Webb, Labette County. They Speak Well for Diversified Farming



Mrs. Ira Barnette of Jewell County Who Sent This Picture Did Not Tell the Little Lady's Name, but We'll Warrant She and Her Collie are Good Pals



Growing First Class Alfalfa Hay is a Paying Proposition on the W. S. Wyckoff Farm in Russell County



Quite a Flock of Chicks to be Hatched in One Incubator at One Time, Don't You Think? They're White Plymouth Rocks, and an Important Part of the H. C. Loewen Farm in Marion County. The Picture Won First Prize



This Little Fellow Who Won Third Prize is the Son of Mr. and Mrs. Roy Elwood, Smith County. Wouldn't You Like to Know What He is Thinking About?



Taken on the F. E. Grabner Farm in Graham County. Mr. Grabner Enjoys Working With His Mules



Master Kirk Fletcher of Jefferson County Doesn't Mind Posing One Bit. But Who Would if They Could Stand in Front of Such Pretty Vines?



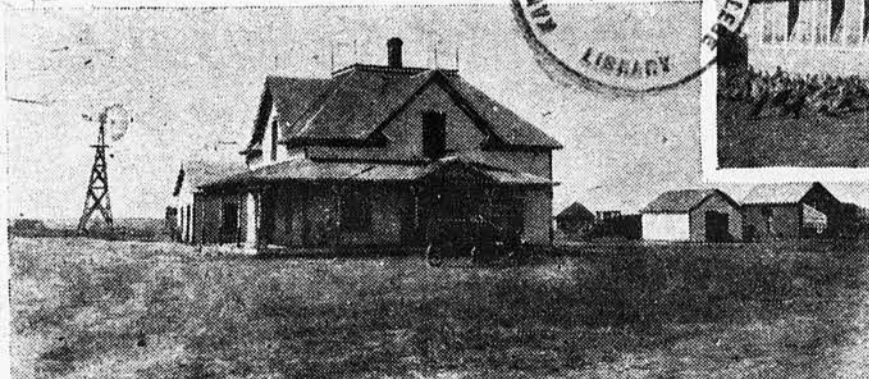
One of the Beauty Spots on the W. A. McCauley Farm in Osage County is the Pond Shown in the Picture. It Surely Must be a Popular Place for Folks to Picnic



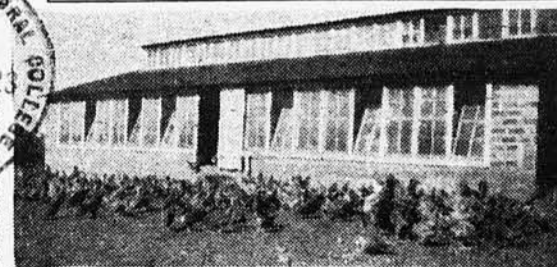
Mr. and Mrs. S. B. Keller are Going to Have Some Fine Fruit When the Trees Shown in the Foreground are Grown. The Keller Farm Home is in Finney County



A Farm House That is as Convenient and Attractive as Any City Home is That of Mr. and Mrs. T. W. Clarke in Jewell County. Note the Two Roomy Front Porches



For a General View of a Farm House and Buildings, We Think This Picture of the J. O. Knapp Home, Rawlins County, is Good. The Farm Equipment is Well Housed, if One is to Judge from the Substantial Buildings



Mr. and Mrs. J. L. Dignan of Nemaha County Consider the \$1,100 They Put into a House for Their S. C. Buff Leghorn Chickens Well Spent



What to Eat and Why

A Natural Supply of Vitamin

THE word "Vitamin" is new, but the thing itself is as old as the human race. It is the energizing, vitalizing, growth-producing element in the right food. Its absence is a serious fault of the wrong food. When the food is right, there is no need to go to the drug store for Vitamin.

Grape-Nuts, the famous ready-to-eat cereal, supplies the natural Vitamin from the wheat, and a further supply is included in the cream or milk with which Grape-Nuts is eaten.

Grape-Nuts is delightfully crisp and appetizing, with a flavor which happily suggests the wholesome, health-building goodness which the food contains. Phosphorus and iron, as well as Vitamin, with a bran content to stimulate intestinal action, are supplied by Grape-Nuts. Many of our modern, "refined" foods lack these vitally necessary elements.

Grape-Nuts digests easily and is assimilated quickly, and is splendidly nourishing and energizing. You'll find better health and fitness, in the natural way, with Grape-Nuts as a regular part of your diet.

There's genuine economy in Grape-Nuts—many servings of this exceptionally nourishing food to the package. At your grocer's—ready to serve.

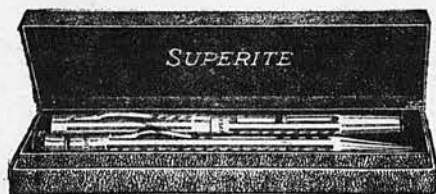


Grape-Nuts
THE BODY BUILDER
"There's a Reason"

Made by Postum Cereal Co., Inc.
Battle Creek, Michigan

BOYS and GIRLS

This 11 K. gold filled, guaranteed writing set consisting of Fountain Pen and



Mechanical Pencil will be sent to you prepaid for a few hours of your spare time.

SEND NO MONEY

Send us your name and address today and we will advise you of our "Easy Plan" that will make you the proud owner of this fine writing set. Be the first one in your neighborhood to get started. Write today.

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FREE VACUUM TUBE RADIO SET

The set you always wanted—FREE. A real RADIO SET—listen in on Concerts, Lectures, Singing, etc. Can receive messages 75 to 100 miles and more.

RUSH your name and address and we will tell you HOW you, too, can earn a VACUUM TUBE RADIO SET by selling fine candies.

Write today for FREE Radio plan. It's easy—Great Fun!

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Iceless Refrigerator
Keeps food fresh and sweet without ice. Costs nothing to operate—lasts a lifetime. Lowers into well, basement or special excavation. Easily and quickly installed. Costs less than a season's ice bill. Every home needs it. Two types—windless and evaporation. Write for free folder. Agents Wanted.

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TUNE IN DISTANT STATIONS for Market Reports, Late News, Popular Music, Concerts



F. E. S. Loud Speaker, Three-bulb Long Range Receiver. Set is complete in an attractive oak cabinet with full instructions ready to hook up. A complete \$125 Radio for..... **\$40**

Write for free catalog. Direct from our factory.

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Copper Engraving

WRITE for PRICES ON CATALOGS & LETTERHEADS

ARTISTS ENGRAVERS
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TOPEKA-WICHITA

The Jayhawk STACKER

"Have used a Jayhawk 14 years—stacks when others stop account of wind"—writes John Shaffer, Bosler, Wyoming. Write NOW for new catalog and reduced prices. 15,000 in use. Established 20 years.

F. WYATT MFG. CO.
201 5th Street Salina, Kansas

For Our Young Readers

Here Are a Few of the Little Letters Which We Found in Our Letter Box This Week

I AM 12 years old and in the seventh grade. We have two cats and two dogs. The cats' names are Mary Metz and Weary and the dogs' names are Tuff and Sport. We have lots of fun on our ranch. In winter we go to school in a bus. I have three sisters and four brothers.

LaVeta, Colo. Ruby Becker.

A-Walking to School We Go

I am 12 years old and in the sixth grade. I go to Olive Springs school. I have two brothers named Bernard and Dean. Bernard is 9½ years old and Dean is 4½. They have a calf in partnership. Its name is Spunky. We have a horse named Trigger. We have White Leghorn chickens. We also have a dog named Gip and five cats. I live on a farm and like to cook. I walk 1¼ miles to school. I like to read the young folks' page.

Roxbury, Kan. Irma Boyd.



What I Like to Do

I am going to tell you what I like to do. We have a pond on our place and I have ice skates. My schoolmate, Walter Keefe, and I go skating. We surely have fun. I like to go out to the creek in summer and fish and wade and swim.

Bexford, Kan. Gamelle Ford.

From the "Lickety Split" Ranch

I am 11 years old and in the sixth grade. I am interested in the children's page and the letter box especially. I have several cats and live on a farm of 1,600 acres. We have 28 young mules and 67 horses and about 100 Hereford cattle. My old pet horse was burned in our barn two years ago and I am very lonesome in the summer without him. I go to school about ¼ mile away. The

schoolhouse was built on my father's ranch. We call our ranch "The Lickety Split Ranch."

Rose Ette Richardson.
Hackberry, Kan.

Our Colorado Homestead

I am 13 years old. I live in the northwestern part of Colorado. We came here about six years ago. We have a small herd of cattle and quite a few horses. I raised two colts that I broke to ride later but had the misfortune to lose one of them. My saddle horse is a bay with a bald face and white feet. I have her trained to do lots of things, as jumping and so on. I have some sheep too. The snow is quite deep out here. Last year at a barbecue I raced in the horse race and took second prize. I want to ride again this year.

Craig, Colo. Lois Morse.

WHAT HANDS NEVER WEAR GLOVES NO MATTER HOW COLD IT MAY GET?

Answer
3-RE
4
-AW
-HT
-DCK

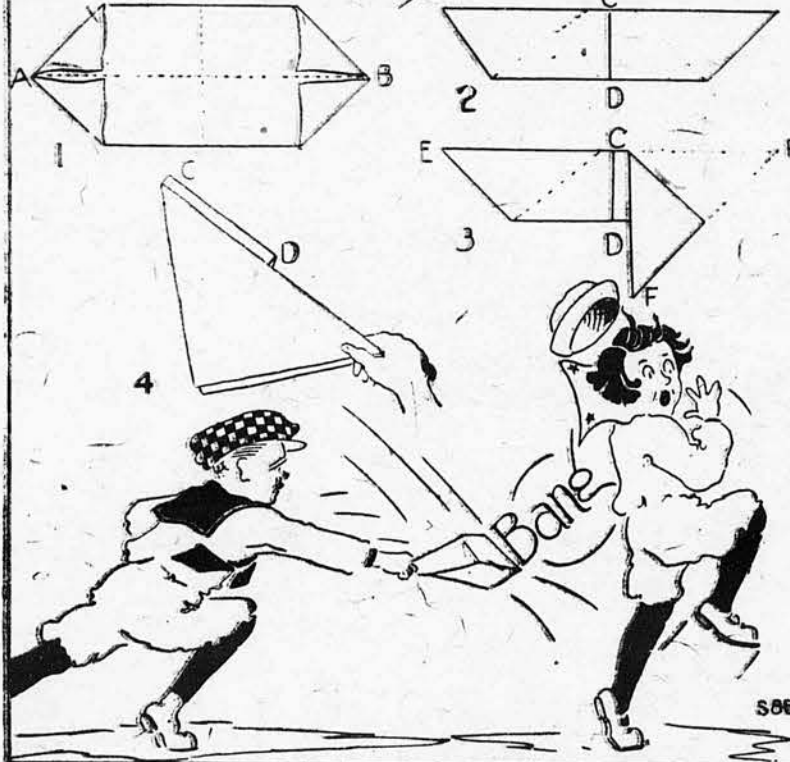


When you have found out what hands never wear gloves send your answers to the Puzzle Editor, the Kansas Farmer and Mail and Breeze, Topeka, Kan. There will be a package of postcards each for the first 10 boys or girls answering correctly.

Kiddies-Can-Do-It

By Uncle Cobb Shinn

BANG! Look How Easy! To make a Paper Snapper



You need some thick tough paper for making a "Snapper," a piece about 8x18 inches. Fold the corners as in picture No. 1. Fold from A to B so as to make it like picture No. 2. Fold E and F corner down along the dotted line like picture No. 3. Fold on C and D line and your snapper is complete as in picture No. 4. Grasping it in your right hand as shown with your first finger between E and F points, give it a jerk downward thru the air with a sudden motion, as if cracking a whip. The result will be that the D corner will be suddenly forced out by air, causing a loud report. It can be done over and over. All the ammunition you need is your own muscle.

Season to See Bright Colors

Short Sleeves are Found on Many of the New Spring and Early Summer Styles

BY MRS. HELEN LEE CRAIG



1720—Women's Dress. This style features the popular left-side closing. Sizes 16 years and 36, 38, 40 and 42 inches bust measure.

1717—Women's Dress. Cut all in one piece with short sleeves is this charming frock. Sizes 16 years and 36, 38, 40, 42 and 44 inches bust measure.

1706—Girls' Dress. A cunning bloomer dress that is suitable for either play or dress-up is shown here. Sizes 2, 4, 6 and 8 years. Transfer pattern No. 613 is 15 cents extra.

1702—Women's Dress. This style is adaptable to a slender or mature figure. Sizes 16 years and 36, 38, 40, 42 and 44 inches bust measure.

1700—Women's House Dress. This house dress is serviceable and attractive enough for presentation to the unexpected caller. Sizes 30, 40 and 44 inches bust measure.

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.—Adv.

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.

Prepared Mustard

Please tell me how to make prepared mustard to use with meat.—Mrs. J. W. B.

Mix 2 tablespoons of mustard and 1 teaspoon of sugar, add hot water gradually until of the consistency of a thick paste. Vinegar may be used in place of water.

How to Starch Curtains

When laundering muslin curtains, should they be starched?—S. I. L.

It is a good plan to starch the hems and lace edging, if there is one, so the edges will be straight and the rest of the curtains will be soft enough to hang gracefully.

What Proportion of Ice and Salt

Will you please tell me the proportions of ice and salt to use in freezing different mixtures?—Mrs. L. C. N.

For ice creams use three parts of finely cracked ice to one part of coarse salt, for water ices, mousses and frappes, equal parts of ice and salt and for re-packing the freezer after the cream is frozen, four parts of ice to one part of salt.

Japanese Salad

I am going to give a Japanese party and want to know a salad suitable for use on this occasion. What do you suggest?—Mrs. L. S.

A Japanese salad may be made from the following ingredients: Two chipped pimientos, 2 cups cold boiled rice, 1 small onion, 2 hard-cooked eggs, sardines, salt and lemon juice. Chop the pimientos and add the rice, chopped onion and eggs. Form into little cones. Arrange on lettuce leaves on a salad

plate around a mound of sardines. Garnish with salad dressing, sprinkle with a little lemon juice and salt and serve with sandwiches, tea and stuffed olives.

Adhesive Tape as a Mender

Is there any way in which the rubber gloves I use to protect my hands when scrubbing and cleaning can be mended?—V. E. W.

The best method of mending rubber gloves is to apply a small patch of adhesive tape to the under side of the cut or break.

Watermelon Rind Pickles

I expect to make some watermelon rind pickles this summer and should like to know if there is any way to make certain that they will be firm, but not tough.—Mrs. O. D. E.

If the rinds are soaked 1 hour in cold water before they are cooked, they will not be tough.

Decorating With Applique

Applique gives a clever touch to children's clothing which we all like to see. And the kiddies enjoy wearing their little frocks when the pocket is a duck or perhaps a sunbonnet baby. The squirrel illustrated was taken from a book of designs for applique or embroidering on children's dresses and household linens. Besides this pattern, there is a design for a little overall boy, several sunbonnet babies, a large duck and a small one, a cat, a child with a balloon and one holding a candle stick with a lighted candle in it, and four conventional designs suitable for scarf ends, pillow tops, bedspreads, and so forth. These patterns are transferable by the friction process, and all may be used more than once. The book is No. 15, and sells for 15 cents. Order from the Fancy-work Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.—Adv.



Some difference! when you stew prunes right

There's an altogether different relish to prunes when they are stewed right. Folks in the habit of stewing prunes "any old way" are amazed at the difference in taste and flavor. Here is the way the wives of our growers stew prunes:

First, they soak the prunes in warm water to cover—over night, if possible. In the morning they cook them slowly (in the same water in which they were soaked) until the fruit is plump and tender, but not broken. Slow cooking not only absorbs most of the juice but develops the natural fruit sugar so no sugar is necessary. (If you do add sugar, however, put it in after the prunes are cooked but while still hot, so the sugar will dissolve.)

Growers Brand Prunes are fine, juicy, rich-meated prunes, grown in our own California orchards and packed in our own packing houses. Ask your dealer for them—either in bulk or in cartons—and send for our recipe folder. Use the coupon!

Growers Brand PRUNES



Mail this coupon for recipe folder

California Prune & Apricot Growers Assn., Packers of Growers and Sunsweet Brands, 29 Market St., San Jose, Cal., 11,000 grower-members: Please send me, free, your recipe folder "G" showing new ways to serve prunes.

Name _____

Address _____

Ladies Let Cuticura Keep Your Skin Fresh and Young

Soap, Ointment, Talcum, 25c. everywhere. For samples address: Cuticura Laboratories, Dept. U, Malden, Mass.

Our Bargain Offer

CLUB NO. 400
La Follette's Magazine.....
Kansas Farmer and Mail and Breeze.....
Household.....
Regular Price \$2.25
KANSAS FARMER AND MAIL & BREEZE
Topeka, Kansas

25 Marbles Free

How would you like to have 25 Flint Agates all different colors? Can you imagine yourself kneeling down to a game of "Boston" with a hand full of marbles that will attract the eye of every boy? The minute the game starts, they will be anxious to get a shot at your marble. Each marble has a variation of several different colors and is just right size for accurate shooting.

SEND NO MONEY

I want every boy reader of this paper to have a sack of Marbles. Just send your name and address on a post card, and I will tell you how to get a sack of Marbles without a cent of cost. A few minutes on our liberal offer will bring you a sack of 25 Flint Agates.

Not a Pottery in the Bunch

M. BERRY
Marble Dept. 60, Topeka, Kansas



Capper's Farmer Eight Months For

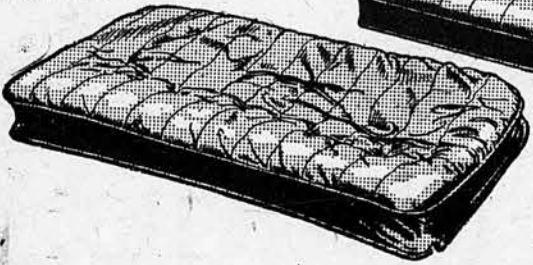
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Senator Arthur Capper's Washington Comment

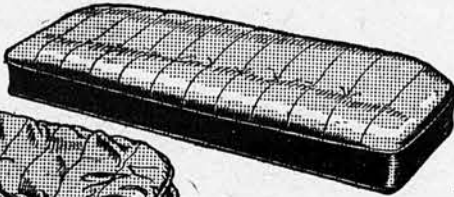
One of the most interesting and instructive departments of Capper's Farmer is conducted by Senator Capper in Washington, D.C. In these articles you get the latest and most authentic news and comment on what should be, and is being, accomplished by our representatives.

CAPPER'S FARMER is edited by men who live on the farm. It is published in the heart of the greatest agricultural country in the world. It stands for a square deal for the consumer and fair profits for the producer thru eliminating grain gamblers, market jugglers, and other trusts and combines. For the American farmer, who wants to be progressive, there is no such favorite as Capper's Farmer. There is a department for the women, boys and girls, marketing livestock, poultry, dairy, farm machinery, horticulture, health, etc. In order to introduce Capper's Farmer—a farm paper that's different—the publisher agrees to enter a trial subscription—8 months for 10 cents. Send dime or stamps. CAPPER'S FARMER, Dept. 100, Topeka, Kansas

Below: Rear seat cushion of a touring car driven 13,000 miles on many rough roads without Hassler Shock Absorbers.



Above: Rear seat cushion of a similar car driven 13,000 miles on many rough roads with Hassler Shock Absorbers.



The seat cushions tell the Hassler story

THE one from a car driven without Hasslers is broken down because upthrow after the big bumps crushed the springs in the seat cushion — and of course caused the passengers great discomfort. Alone the best leaf spring in the world cannot give you comfort!

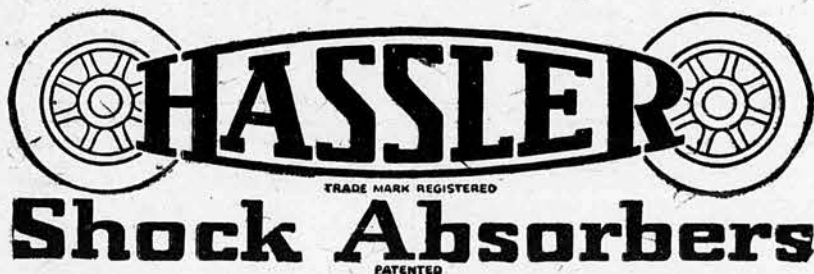
The other, from a Hassler equipped Ford, of the same model, is in almost as good condition as when it was new, because Hasslers absorbed the bumps before they reached the passengers, and prevented the rebound that catapults passengers against the top and then lets them fall violently back on the seats. Hasslers in conjunction with leaf springs do the things that no leaf springs alone can do.

The same protection extends to every part of the Hasslerized car. That is why the Hassler equipped car has so much higher resale value — why the difference in resale price is usually enough to pay for several sets of Hasslers. Repairs are greatly reduced. Tire and gasoline mileage are greatly increased.

Don't let anyone persuade you not to try Hasslers. You can test them ten days at our risk. Money back if you do not agree with more than a million present Hassler owners who would not be without them.

ROBERT H. HASSLER, Inc., Indianapolis, U. S. A.

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Try the New Way To Kill Lice

A hen worried to death with lice cannot lay if she wants to. You might as well "throw money to the birds" as feed high priced food to lousy chickens. It's a dead loss—don't do it. Use Lice-mist. No dusting, no dipping, no painting. HANG UP THE BOTTLE. It acts like magic. Testimonials from every State in the Union tell of wonderful results from its use. Simply put a few drops in nests and on roosts and hang uncorked bottle in the coop or hen house. Powerful fumes leave the bottle in vapor form, and penetrate feathers, cracks & crevices everywhere. Lice, mites, chiggers, bed bugs, ants, roaches, etc., have no lungs—they breathe through the pores of the body, and are destroyed by Lice-mist vapors. It will not injure chickens. Bottle, \$1.00; 3 bottles, \$2.50; 12 bottles for \$9.00. All prepaid.



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All makes in reconditioned motorcycles priced as low as \$35. Sidecars from \$25 up. Every one rebuilt by an expert and absolutely guaranteed. Send 2c for big new catalog of 1923 bargains. Western Supplies Co., 410 Hayutin Building, Denver, Colorado.

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Quick erection, permanent, guaranteed, no up-keep expenses.
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Priced in keeping with farm products. Write today for our attractive discount for early orders.
The Interlocking Cement Silo Co., Wichita, Kansas

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Our Wind Electric System lights the home, washes, irons, milks, etc., FREE. Automatic, efficient, quiet. Has delivered perfectly for years—not an experiment. Write today for full information. WOODMANSE MFG. CO., Freeport, Ill., Box 19. Successful Windmill Mfrs. for 60 yrs.

Capper Poultry Club

The Pep Race Is On. This Year's Success Depends On You—and You—and You

BY RACHEL ANN NEISWENDER
Club Manager

IS YOUR imagination working today? Let's imagine an immense race track. This track has been cleared, and we see a long line of runners waiting for the signal to be given. If you'll notice closely, you'll see that these runners are all girls, and not ordinary girls, either. They are alert, keen and show the power of endurance. Every one of these girls represents a Kansas county, and wears the colors of her team. Her team is there, too, right behind her, ready to help and cheer her on! These runners are our new 1923 county leaders, and the race course, altho imaginary, is the race course of the new pep contest. You'll notice it is divided into nine sections. These sections represent the different contest months, from April 1 to December 15.

One, Two, Three, Go!

Someone stands with a flag, and counts, "one, two, three—go!" It is April 1. We are off for our race. Girls, stand behind your county leaders, co-operate with them, help them in every way. One Kansas county will



Helen Andrew, Greenwood County Leader

win a beautiful silver pep trophy this year, a lasting symbol of team-work, of fellowship, of progress. Wouldn't you like to have this cup come to your county? The winning depends on you just as much as it does on your teammates, or your county leader. The girls enrolled this year are made of fine material. They are peppy, they are enthusiastic, they are workers and they are "stickers." They finish what they start. The county leaders are determined to win. A real pep contest is before us. Let us do our best.

Here is an incomplete list of county leaders. One or two more will be added soon:

County	Leader
Anderson	Hazel J. Hendershot
Chase	Juanita Klotz
Coffey No. 1	Reta Bowman
Cowley	Thelma Kent
Douglas	Marie Rausch
Finney	Anna Snelson
Franklin	Marguerite Johnson
Greenwood	Helen M. Andrew
Jefferson	Bessie Hauser
Labette	Rena Loshbaugh
Leavenworth	Kathryn Brose
Linn	Hazel Horton
Lyon	Mary Hellmer
Morris	Louise Thomas
Osage	Vera Smith
Rooks	Annie Anderson
Reno	Opal Shuff

April Meeting is Important

Many teams are already planning their April meeting. This is fine, for the first meeting of the year is the foundation meeting. At this meeting the club should be thoroughly organized, the program should be interesting and entertaining, and if it is at all possible, an experienced poultry breeder should talk. Be sure to elect your officers, and in every way make your first meeting successful, and then make every meeting thereafter a better one. It is not too early to think about songs and yells, county newspapers and scrap-books. Let's do all the new and original things we can this year, and make the county that wins the cup feel that it has worked.

Remember April 15

This is to the girls in the pen department. Don't forget your entry blanks in the rush to get the pep contest started. All chickens in the pen department must be entered and the blanks must be in by April 15. All mothers' entry blanks are due by this time also. We're going to have the finest pep race in club history, and

we're going to raise the best purebreds, and keep the best records.

The weather man didn't like club folks last year. Every time they'd get a roll of films and decide to take a fine club picture, or a picture of a contest entry, the mean old weather man would hang out some clouds, or else he'd order a shower. Result—no pictures. Now we need pictures to make our page interesting. We need them so that we can become better acquainted. I wish you to see whether you can't work with me and coax the weather man into sending us sunshine—and then, take advantage of it, and send me the pictures. See the pep points for the points given for pictures.

Kansas Breeders Are Responding

Isn't it fine to be encouraged? We always feel so much better if someone tells us that we are doing good work, if we know someone believes in us. Kansas breeders believe in club girls and here are three letters to prove that statement.

I desire to help your club girls, and so I'm offering a prize cockerel valued at \$50 from my best pen of E. B. Thompson Imperial Ringlet Barred Plymouth Rocks. This cockerel will go to the girl who makes the best record with her Barred Plymouth Rocks this year. I am much interested in the success of the girls, and hope to attend some of their meetings.—Mrs. Robert Simmons, Severy, Kan.

My offer was late, I know, but you may offer my cockerel as second prize in the Imperial Ringlet Barred Plymouth Rock Division. This is a fine cockerel from my prize pen, descended from a sweepstake male and blue ribbon female. This bird will go to the girl who makes the second best record with her Barred Plymouth Rocks this year. I wish all your little workers a prosperous year.—Mrs. N. A. Finley, Route 3, Blue Mound, Kan.

I would like to give a prize to one of the poultry club girls. I will give a White Plymouth Rock cockerel to the girl raising this breed who makes the most profit from her flock during the season.—Mrs. F. H. West, Prescott, Kan.

We'll be glad to hear from any other Kansas breeders who are interested in poultry club work, and who wish to encourage the club girls as they start in this industry.

The Subscriber is Always Right

Our subscribers are always right when any question concerning their subscription comes up. We wish to adjust their complaints first and send them the papers for which they paid. We then investigate and determine who is responsible for the mistake.

This is the policy of the Capper Publications and we desire to have every solicitor and subscriber co-operate with us.

If there is anything at all the matter with your subscription to the Kansas Farmer and Mail and Breeze, Capper's Weekly or the Household, if you hear anyone say that they paid for these papers and are not getting them please write and tell me all about it and be sure to state the facts.

It will help us locate the cause if you will send us your receipt, cancelled check or postoffice money order stub. They will be returned as soon as we see them. It is necessary for us to have something to show here in the office in order to adjust complaints properly.

Remember this, if you pay your money for any of the Capper Publications and do not get them it will be your fault—not ours—we all make mistakes but this company is more than willing to correct any mistake that is properly brought to our attention.

Will you who read this give me the co-operation asked for? Address A. S. Wolverton, Capper Publications, Topeka, Kan.

Experience conclusively demonstrates, says the Forest Service, United States Department of Agriculture, that wild life responds quickly, to simple and rational forms of management. Reasonable regulation does not reduce but in the long run markedly increases the amount of game which may be taken annually. National forests thus can be made to contribute greatly to the pleasure and profit of the public by producing game animals, bird and fish.

Health in the Family

Parentage of Children Can't Be Determined by Blood Tests as Many Think

BY DR. CHARLES H. LERRIGO

THE mysterious things that are claimed for certain examinations of the blood make a strong appeal to the supernatural that is in us. We are ready to believe many things that have very little foundation in fact. A very earnest inquiry has just been received as to the best method of determining the parentage of a child by tests of the reputed father's blood and a comparison with the blood of the child. I know that certain persons have claimed power to perform such tests, but I have yet to find one able to demonstrate to scientific men that such tests have any accuracy whatever in their results. So far as any scientific record stands you cannot demonstrate parentage, color, or sex by examination of the blood; yet all of these things have been claimed repeatedly by certain charlatans, and many men who are quite free from any charge of charlatanism have made earnest efforts to attain these ends and have been quite confident of their ultimate success.

It is true that human blood falls into several different classifications. It is also true that, a father and mother both having blood of a certain class, it may be confidently predicted that any child born to them will have blood of a corresponding class; but we are still a long way from finding who is the father of that child by testing the blood; because practically all of us fall into one of only four classifications.

Doctors are often able to make good use of a blood test in the diagnosis of certain diseases, and it is now a matter of form to make such a test in any serious ailment. But remember that only limited information is drawn from such a test. It is just one of the things that helps him to come to a diagnosis. When you find a doctor claiming wild virtues from the knowledge that he acquires by examining a few drops of your blood, look upon him with suspicion.

Remedy for the Itch

Please publish again a remedy for the itch. Some may say, "Horrors; what a question to make public!" But the children get this terrible thing at school and what are we mothers to do? D. M.

Itch is unusually prevalent at present. It is not disgraceful to get it, but it is disgraceful to keep it, because

it can be cured. Sulfur ointment will generally do the work. Where it fails it is because the old scabs and crusts are not scrubbed away before application. The first thing is always a good scrubbing of the entire body in a soapsuds of green soap. Then rub in the ointment and make sure that all the clothing and bedding is changed. An ointment highly recommended is composed of the following ingredients:

Ichthyol.....10
Sublimated sulfur.....12
Carbonate of potash.....6
Triturated camphor.....2
Grease.....60

The next morning wash off skin with sulfur water.

Literature on Maternity

Where can I get some good literature for a young mother about maternity? G. L. S.

Write to the "Division of Child Hygiene," Kansas State Board of Health, Topeka, Kan., and have your name entered upon their "Register of Expectant Mothers." You will get just what you need to know, sent just when you need it.

Probably a Case of Indigestion

I have sharp pains around my heart. Do you think it is heart trouble? I am nursing a baby and have constipation. Mrs. E.

Your trouble is much more likely to be indigestion. However, this is a serious matter and your only wise plan is to have a careful examination.

Treatment for Acne

What can a person do for pimples and small sores on the face of a boy 15 years old? We have given him blood medicine and it does not seem to do any good. T. P.

Blood medicine would not be likely to do any good. This is a trouble called acne, very common in young people at puberty and for a few years thereafter. A very helpful measure is taking a daily cold bath all over the body, followed by a brisk rub with coarse towels. This increases the activity of the whole skin and is very beneficial. Diet is an important factor. Candy and sweet stuffs, rich cream and fats should be cut out of the diet. Much outdoor exercise should be taken. In very stubborn cases an autogenous vaccine often helps.

"When a 'Feller' Needs a Friend"



Jimmy Made a Noble Bluff and His Intentions Were Good But Alas, the Temptation Was Strong and He Went the Way of All Sinners

Find What CANADA has to offer YOU!

If your dream of success seems like a hopeless ambition, if you are discouraged trying to get ahead on high priced land, if your present location fails to give you opportunity, there is a new deal for you, a new chance in the fertile, virgin farms of Western Canada, where wheat produces 20 to 40 bushels to the acre, where the 1922 crop was biggest in history, where oats, barley and hay and fodder crops are the basis of a great dairy industry, and a man's work brings him success and prosperity.

Low Priced Land—the Last Great West

In Western Canada you still can buy virgin prairie land at \$15 to \$20 per acre, on long terms if desired, near to town, railroads, etc.—land such as has for many years produced the world's prize winning wheat, oats, barley, flax, rye, alfalfa. Canada had no "war time" land boom; prices are not inflated—you get in on the ground floor.

Taxes Favor the Farmer as Values Increase

The tax laws of Western Canada encourage the producing farmer. The tax on land is reduced when it is brought under cultivation—while on your buildings, machinery, improvements, personal property, automobile, there is no tax at all. A single crop is often worth more, acre for acre, than the cost of the land.

Rent Now—Buy Later Pay Out of Profits

Canada welcomes the industrious settler. What you have now isn't so important. If your capital is small, or you cannot sell your present holdings to advantage, rent a fertile Canadian farm and "try it out" for a season or two. Make a good living, increase your capital, and buy later. Farms may be rented from successful settlers on easy terms; in some cases with option of purchase.

Buy on Exceptional Terms—32 Years to Pay

For the benefit of those wishing to buy land a national non-profit sharing organization—the Canada Colonization Association—has been established with head office at Winnipeg, and United States office at St. Paul. This Association offers selected land convenient to railroads—much of it at \$15 to \$20 per acre—on very small cash payment; no further payment until third year; balance extended over thirty years, but purchaser may pay up and obtain title at any time if desired. Interest six percent per annum on deferred payments.

We Help Find Your Opportunity

The Canadian Government maintains information bureaus in leading American centers, where you can get full information, without cost, about all parts of Canada. The men in charge are Government officials, interested only in the service of the prospective settler.

Get the Facts—No Cost

MAIL THE COUPON. Let us know something of your position, and receive free book with maps, and free service of the Canadian Government Agent in your territory; also information how special railway rates can be arranged for a trip of inspection.

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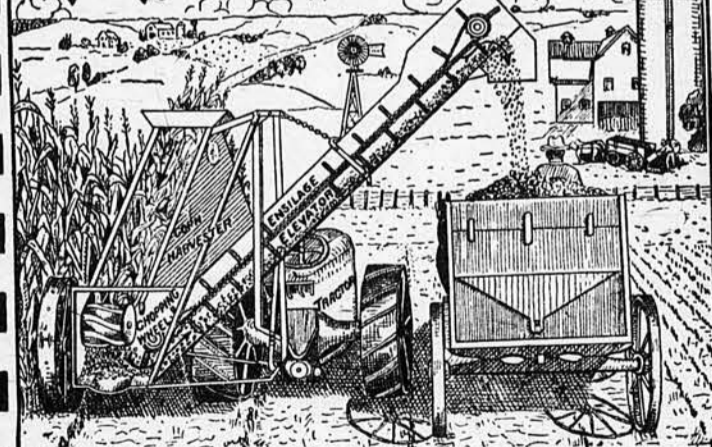
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\$10 to \$25 a Day dead easy. Remarkable new invention saves every pig in litter. Farmers and hog breeders buy dozen to hundreds. Act as our agent in your vicinity. Earnings will surprise you. Write quick for exclusive territory. Jubilee Mfg. Co., Box 220 Sta. C, Omaha, Neb.

BINDER TWINE CAR LOTS, Per lb. Small lots a shade higher. Agents wanted. Sample free. Theo. H. Burt & Sons, Melrose, Ohio

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There is a good demand for hatching eggs from purebred stock. Hatching eggs bring more money than market eggs and more than pay for the very little extra trouble in selling. Kansas Farmer is the poultry paper of Kansas farmers. Market your eggs the profitable way.

Classified Ads Will Sell 'Em



Spring is Here

All out-of-doors is filled with the bleat of the lamb, the bawl of the calf, the grunt of the pig, and the whinny of the colt.

Youth asserting itself everywhere!

Keep their bodies healthy, and stomachs full.

You can then count on good growth—quick development—and begin to cash in on them before the summer-end.

Let

DR. HESS STOCK TONIC

be your insurance policy

against disease, insurance of good appetite, good digestion. It keeps the worms away.

Then, there are the mothers:

Your COWS need it for its system-toning, bowel-cleansing, appetizing effects. Puts them in fine condition for calving.

Your BROOD SOWS will be relieved of constipation and put in fine fettle for farrowing.

Excellent for MARES in foal—and EWES at lambing time.

It makes for good appetite, and more milk to nourish the offspring.

Tell your dealer what stock you have. He has a package to suit. GUARANTEED.

25 lb. Pail, \$2.25 100 lb. Drum, \$3.00

Except in the far West, South and Canada.

Honest goods—honest price—why pay more?

DR. HESS & CLARK Ashland, O.



I spent 30 years in perfecting this Tonic.
GILBERT HESS
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For Sheep Ticks - for Hog Lice - for Health

Deaf Can Hear Says Science

New Invention Aids Thousands

Here's good news for all who suffer from deafness. The Dictograph Products Corporation announces the perfection of a remarkable device which has enabled thousands of deaf persons to hear as well as ever. The makers of this wonderful device say it is too much to expect you to believe this so they are going to give you a chance to try it at home. They offer to send it by prepaid parcel post on a ten-day free trial. They do not send it C. O. D.—they require no deposit—there is no obligation.

They send it entirely at their own expense and risk. They are making this extraordinary offer well knowing that the magic of this little instrument will so amaze and delight the user that the chances of its being returned are very slight. Thousands have already accepted this offer and report most gratifying results. There's no longer any need that you should endure the mental and physical strain which comes from a constant effort to hear. Now you can mingle with your friends from which all feeling of sensitiveness from which all deaf persons suffer. Now you can take your place in the social and business world to which your talents entitle you and from which your affliction has, in a measure, excluded you. Just send your name and address to The Dictograph Products Corporation, Suite 1295-V, 229 W. 42nd St., New York, for descriptive literature and request blank.

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Send us a trial roll and the names of ten of your friends who have cameras. For these we will make you a 5x7 enlargement. Developing 10c per roll. Prints 3c each up to 24x34; Prints, 34x44, 4c; 34x55 5c or post cards 5c each. Remit for print order or we will mail C. O. D.

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Start your baby chicks right. Fidelity Buttermilk Starting Feed brings them through the critical period. Economical, safe and sure. It is a remarkable aid to growth and helps prevent white diarrhoea and bowel trouble. Send 60 cents for a big trial package—enough to feed 100 chicks for two weeks. We pay the postage anywhere in the United States. Prices on large quantities on request.

CATALOG FREE.

Write now for the new Fidelity catalog of feeds, remedies and supplies. It points the way to success with chickens.

Stockyards Station, or 819 Exchange Ave.,
Oklahoma City, Okla. Chicago, Illinois.

Fidelity
SUPPLY COMPANY

What's New in Livestock

The United States Now Has One-Sixth of the World's Entire Livestock Population

BY OUR FIELDMEN AND REPORTERS

THE United States, with only one-sixteenth of the world's population, has one-sixth of the world's livestock, says the United States Department of Agriculture. It has one-half of the world's 9 million mules, one-third of the 169 million swine, one-fifth of the 100 million horses, one-seventh of the 492 million cattle, and one-ninth of the 465 million sheep. As consumers of meat per capita, we stand fourth in the list, with an average of 142 pounds a person annually. We are exceeded by Argentina with a yearly consumption per capita of 281 pounds, Australia with 263 pounds, and New Zealand with 213 pounds. Canada follows us closely with 137 pounds and the United Kingdom with 120.

The figures for the United States are the average of the 10 years from 1912 to 1921, while the figures for all other countries are pre-war figures.

Top Notch Prices for Bulls

An interesting proof of the recognition which real worth commands even in a big cattle sale is found in the fact that the highest two prices for bulls in the recent Hereford Round-up sale were paid to some of the less prominent consigners. G. M. Scott & Son of Bea, Mo., sold the top bull at \$925 and Childers Brothers, Guymon, Okla., sold next high animal at \$785.

Call for Berkshires

Ben T. Prigmore, president of the Central Berkshire Breeders' Association, sent us an inquiry for big type Berkshires, which he has just received from E. E. Hadley, the new Colorado vice president of the association. Mr. Hadley, states that he finds a widespread demand among Colorado farmers for big, stretchy, vigorous Berkshires.

Holsteins Pass Million Mark

Last year 113,772 registrations were made of purebred Holsteins and 91,830 transfers. During the year 1,440 new members were admitted to the association, making a total of 23,000. Over a million Holsteins have been registered. Of that number 528,000 are living, according to the United States Census.

Paterson to the American Royal

The Kansas State Agricultural College has lost a real "know how" and "shirt sleeve" professor of animal husbandry, and the Kansas City

Stock Yards Company has gained one of the very best livestock show men in the country, to bear the title of Assistant Secretary for the American Royal Livestock Show. These changes take place with the transfer, April 15, of A. M. Paterson from Manhattan, Kan., to Kansas City, Mo. Few men are more widely known by the patrons and visitors of the livestock shows in the western Mississippi valley than "Andy" Paterson, and few men know the inside and outside of the livestock show game as well as he. It looks like another good step toward making the American Royal Livestock show all its well wishers have been hoping for over 20 years.

The Hereford "Roundup" Sale

The average reported for the big Hereford "Roundup" sale at Kansas City was \$122 on 475 lots. The 138 female lots, a number of which consisted of a good cow and calf each, were reported as averaging \$103 a lot.

Doubtless, there is justification for the idea of bringing together at Kansas City, a large number of bulls suitable for the range trade, for this attracts carlot buyers, and the sale of 317 bulls at an average of \$131 a head is evidence that the Round-up sales have developed a bull market of some proportions. This, however, is less than one bull a county for Kansas City trade territory for breeding stock.

The argument against this unusual concentration at one point for selling purposes, lies in the fact that here was an offering, which might have been broken up into six or eight good local offerings, each sold centrally in some territory which needed and would have absorbed every animal. Cost of selling would have been no higher and costs of shipping to and from the sale very much lower; especially the good cows with calves could have been placed on farms where most needed, probably at a considerably better net return to the seller and at no greater cost to the buyer. As it was, a great many of these females were bought by established breeders, who may not have needed them but simply felt they were too cheap to let go.

Naturally the holding of six or eight sales at suitable but somewhat distant points, would have required some extra work and discomfort on the part of the association officials managing the sales but some people think that is what association officials are for.

Why Not a Better Boar Contest?

BY M. N. BEELER

WHAT'S the matter with Kansas hogs? Why is the average valuation only \$11 a head? Kansas ranked seventh in number of hogs and somewhere above 30th in per capita value according to estimates of the United States Department of Agriculture January 1. Iowa with nearly four times as many hogs had a valuation of \$12.80 and Illinois with nearly twice as many had a valuation of \$12.50. These states rank about 20th and 21st in per capita value and first and second in number of hogs.

Of all the big hog states, Missouri, third in number, is about the only one in this territory which has a per capita value lower than that of Kansas. Evidently there is room for improvement in quality. That would probably raise the value. Better boars will improve the quality. Use of purebred sires furnishes its own reward in more efficient production, but evidently few farmers believe it. How can wider distribution of better boars be brought about?

The "Better Sires-Better Stock" campaign of the United States Department of Agriculture and the "Better Bull Contest" and "Know Your Cow Contest" in Missouri and Kansas suggest a way. Why not have a better boar contest?

Why couldn't such a contest be arranged so that the man who is persuaded to discard his scrub boar and use a purebred would get some of the prize money? This might be arranged by paying him a premium of a fraction of a cent a pound for the hogs he marketed. Naturally the man who is already using a purebred boar would be barred from competing. It would be necessary to have some system of certification by the local county agent or contest manager so that the money would be awarded only to the men who had entered the contest by discarding a scrub and using a purebred in his place.

Suppose for instance that a farmer keeps a dozen brood sows which farrow 60 pigs and that 50 of them get to market weighing 200 pounds. That would make 10,000 pounds of pork. A premium of 1/4 cent would make \$25 and a premium of 1/2 cent would make \$12.50. Even the last sum would offer quite an inducement and pay a considerable portion of the extra money required to buy a purebred instead of a scrub boar.



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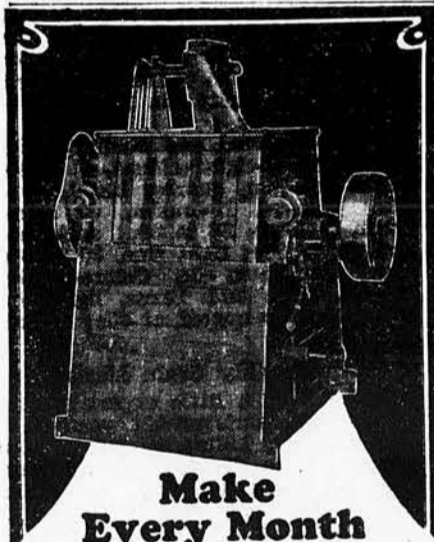
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Vita Wheat, equally as delicious and laxative as a breakfast cereal.
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All the above are packed under attractively designed orange and blue brands, which are copyrighted and printed on cartons and both paper and cotton sacks, with your name printed on as the miller, and are for your free use to your trade when you own one of these wonderful money-making mills.
Price is only \$55.00. Terms one-half cash, balance 12 monthly notes. Sold on 30 days free trial.
You run it with 6 horse power, and a small room is the only mill house you will need to start in business. This self-contained Marvel Combination Cereal Mill does all of the grinding and bolting of all kinds of meals, feeds and these cereals in one machine. Our Book of Directions makes everything so plain that you easily make all of these products by the mere changing of sieves, which is as easy as opening and closing a window.

Here is the greatest bona fide money-making business you ever had the opportunity of getting into on such a small investment. Jump onto this proposition for your community before someone else snags it up. Write today for free descriptive circular **MY OPPORTUNITY.**

The Anglo-American Mill Co.
2423-2429 Kennedy Ave.,
Owensboro, Ky.

Hints for Dairymen

BY J. H. FRANDSEN

Good Care and Proper Feeding of the Herd Bull Insure Profits

FROM birth to maturity the bull should be fed and handled in such a way as to make good, steady growth. Checking his growth at any time may result in an undersized animal. Limiting the food eaten by the growing bull, carrying him along on just enough to keep him alive, never pays. By the time he is 2 months old the calf should be eating grain and hay readily. When 6 or 7 months old the grain ration should be increased materially to keep pace with his rapid development. Corn, oats and bran in equal parts, supplemented by alfalfa or clover hay, make a ration rich in growth-producing elements.

Ration for Mature Animal

The ration for the mature bull is similar to that of cows producing milk, with the exception that the grain ration is more limited in quantity. He should have daily all the clover or alfalfa hay that he will eat, a small amount of silage if available, and about 5 pounds of a ration made up about as follows: Corn 3 parts; oats 2 parts and bran 1 part.

The bull should be trained to lead while still young, and should be handled gently but not petted. At the age of 1 year a stout ring should be placed in his nose. This is replaced by a heavier ring when the animal has attained his full growth. As a safety measure, bulls should always be dehorned.

Bull calves should be separated from the heifers when they begin to annoy them or usually when about 6 months old. With good treatment the bull should be ready for light service when 10 or 11 months old, but it is not advisable to breed more than two cows a week until the animal is at least 15 months old. As he increases in maturity the number may be gradually increased. However, under average conditions no bull should be required to care for more than 40 or 50 cows. It is always desirable to learn as early as possible the propensity of the bull, or his ability to transmit dairy characteristics to his offspring. Hence breeders generally breed a bull early to a few good cows with known records.

In most sections an open shed with adjoining yard or small pasture where he may exercise is the most satisfactory way of housing the herd sire. Under no circumstances should he be permitted to run loose with the cow herd in the pasture. Such carelessness will exhaust the vitality of the sire and may cause him to become an uncertain breeder. No record of breeding dates can be kept, and the practice is really dangerous both to the owner and to the chance passerby.

Exercise and Sunlight Essential

One frequently sees bulls confined in dark, dingy stalls. This is a serious mistake. If he is not to become impotent and vicious, the bull must have plenty of exercise and fresh air. This may be obtained in a variety of ways. If two or three bulls are kept together, they will exercise sufficiently just butting each other around in the paddock or yard. All bulls should be dehorned, of course, if this method is followed. Many good breeders use a sweep, or a light cable stretched between two trees or high poles. A chain attached to the bull is also fastened to a ring that slides along the cable, so the bull can readily walk from end to end of the suspended wire. These are but a few ways of exercising the herd-sire. It matters little how he gets it; the essential thing is that he gets it.

Bulls fed and handled along the lines suggested should retain their potency until 12 or 13 years old. In other words, they may be used some eight years, after records are available showing their ability as dairy sires. Good dairymen agree in condemning the practice of discarding a bull before there is opportunity to compare his daughters with their dams.

"Let the farm women do the work"—but they should have some labor saving devices just as the farmer has his binder.



"As a mortgage lifter the hog has nothing on a De Laval Cream Separator"

"My work as field man for the Wisconsin State Dairymen's Association," says Herman Marx, in a recent letter, "brings me into contact with a great many farmers and a great many separators. Of all the farmers who own separators, I find about 80% of them own a De Laval."

"For close skimming, low upkeep, easy running and long life it is hard to beat a De Laval. I have adjusted a good many separators and I find that the easiest one to adjust is a De Laval."

"A hog has always been called a mortgage lifter, but he has nothing on a De Laval Separator. I have known several instances where the buying of a De Laval

in place of some other they were using saved enough money to pay the interest on a fair sized loan."

—A remarkable tribute to the De Laval Separator, not only because it shows that the majority of experienced farmers in the great dairy state of Wisconsin use and appreciate the De Laval, but because it proves that it makes them money as well.

The present De Laval is the best De Laval Separator ever made. It skims cleaner, lasts longer and is easier to clean and operate than any other. It will pay for itself in a year's time, and is sold on such easy terms that you can use it while it is doing so. See your local De Laval Agent or write us for complete information.

The De Laval Separator Co.

NEW YORK CHICAGO SAN FRANCISCO
165 Broadway 29 E. Madison St. 61 Beale St.

Sooner or later you will use a
De Laval
Cream Separator and Milker

Cleared Up Bad Abortion

Don't give up the abortive cow as lost until you have given Kow-Kare a chance. We receive yearly hundreds of letters telling of complete recoveries through the use of Kow-Kare. Here is one from Joseph E. Frank, East Earle, Pa:

"Early in the spring I had a cow that was affected with Abortion which had taken a bad start, so I sent for a veterinary but the cow kept getting worse and did not eat hardly anything for two weeks and the doctor said she would die as she was so weak she could not stand up any more and he could do nothing for her so I went and got a box of Kow-Kare and gave it according to directions and in three days she was on her feet and eating real good. Today she is as good a cow as you can find. So I must say that Kow-Kare saved her and will others just the same, as this was a very bad case when I started."

Not all abortion is curable, but usually it is the result of a badly run down condition of the genital organs. It is these organs and the digestive functions that Kow-Kare rebuilds. Its medicinal aid is without an equal in the treatment of Barrenness, Retained Afterbirth, Scouring, Bunches, Milk Fever, Loss of Appetite—all of them resulting from impairment of the genital and digestive functions.

No cow should go through calf-birth without the support of Kow-Kare. A tablespoonful twice a day for two weeks before and after will accomplish wonderful results.

Send for free book "The Home Cow Doctor." This fine 32 page treatise will give you scores of money-making and money-saving tips on the care of cows.

You can find Kow-Kare at general stores, feed stores and druggists. If your dealer is not supplied, we will mail, postpaid, on receipt of price.

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Write for chart No. C-29, "How to Feed Calves," giving important authoritative information for farmers. Send you **FREE**.
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Business and Markets

By John W. Samuels

EXPANSION in nearly every branch of trade and industry in the Tenth Federal Reserve District is evidenced by the reports presented in the March issue of the Monthly Review. Distribution of merchandise by wholesalers and jobbers in recent weeks has been in line with the heavy volume of trade which featured the first month of 1923. Sales by wholesalers are now well ahead of those of last year. Retail trade reports reflect increased buying by the people in city, town and country as compared with one and two years ago. Factories are operating a high percentage of capacity. New high spring records in livestock receipts and in meat packing have been established. Grain market movements have slackened and flour production is about the same as was recorded for the corresponding period in 1922. The crude oil output was more than 88,000 barrels a day ahead of last year. Soft coal mines are operating at about the same capacity as a year ago, and a high rate of activity in lead and zinc mining is maintained. Building for the year to the date of this issue has registered a new high record for cities of this section, while public work and other forms of construction are proceeding at an exceptionally high rate.

Long Drouth is Broken

In addition to this highly encouraging situation the March reports tell of rains and snows of varying depths over practically every section of the Middle West, breaking the long drouth in dry sections and providing moisture to give spring crops and pastures a good start—thus brightening the prospects for agriculture and livestock, the paramount industries of the Middle West; but severely cold weather late in March has injured some of the early planted crops and some fruit damage is reported, tho the damage is as yet unestimated.

With favorable weather and seasonable rains early pastures will soon be in good condition for grazing. Many pastures have already been leased and a heavy movement of cattle from Texas and other places is expected. Several contracts have been closed at \$9 for the season on the basis of 4 acres of grass for each steer. Some cattlemen, however, say that they expect to get pasture at \$6 a head for their cattle, but at present this seems scarcely possible.

Stockmen expect an increased demand for meat this year both at home and abroad that will help to keep up and stabilize prices.

According to official figures now available, consumers in foreign countries, chiefly European, last year purchased more than 1,758 million pounds of American meat and meat products, for which they paid an average price of approximately 14 cents a pound, as compared with 1,946 million pounds in 1921 at an average price of approximately 15 cents a pound. Domestic meat prices at wholesale also declined.

These figures cover exports of bacon, hams and shoulders, lard, oleo oil and some pickled and canned meats. Many of the pork cuts are only partly processed; that is, they have not been smoked and otherwise fully prepared for the consumers' use. With allowance for such considerations, the value of meat exports a pound is in line with the average wholesale prices which prevailed here during the year.

Exports of meat and meat products during 1922 were considerably smaller than during 1921. Last year's shipments show a decrease, as compared with 1921, of more than 186 million pounds in quantity and about 41 million dollars in value.

It is interesting to note that altho the total quantity and value of meats exported last year showed increases of 35 per cent and 61 per cent respectively, as compared with 1913, the value a pound of meat exported

showed an increase of only 19 per cent, thus indicating clearly that wholesale meat prices are not far above pre-war levels.

Considerably fewer pounds of oleo oil, bacon and lard were exported during 1922 than during 1921.

In the case of oleo oil, overseas shipments decreased by approximately 18 million pounds. Figures for bacon shipments show 73 million pounds fewer in 1922 than in 1921, and lard shipments decreased by more than 105 million pounds.

The only increase shown was in exports of hams and shoulders—57 million pounds more in 1922 than in 1921.

As a result of federally inspected slaughter of sheep and lambs total production of dressed lamb and mutton decreased 75,279,735 pounds in 1922 or 15.3 per cent as compared with 1921.

The total exports for 1922 amounted to only 1,664,743 pounds compared with 7,515,438 pounds in 1921, a net decrease of 5,850,695 pounds or 77.8 per cent. Apparent domestic consumption of lamb and mutton in 1922 decreased nearly 69 million pounds or 17.6 per cent compared with 1921.

Storage holdings of frozen lamb and mutton on February 1 of this year were 5,283,317 pounds compared with 3,914,057 pounds a year ago and constituted only 24.6 per cent of the average February holdings during the last five years.

As might be expected in view of the relatively light supplies available the sheep and lamb market has, for many months past, been extremely sensitive and virtually thruout 1922 was subject to sudden and rather wide fluctuations.

Past Records Reveal Much

An inspection of the accompanying chart will be interesting in making a study of meat production in the United States. The chart shows a gradual decline in beef production from 1909 until the call of the late war spurred cattle raisers to a supreme effort. A steady rise of the beef curve from 1914 to the high peak of 1918 was the consequence. Since that year, however, there has been a decline of more than a billion pounds in the annual production.

The curve showing pork production has two abnormally low points, the first in 1909 and 1910 was caused by a failure in the corn crop, and the second in 1917 is attributed to overmarketing the previous year.

A glance at the lines of mutton and veal shows the relative smallness of the quantity produced of each of these classes in comparison with pork and beef. From 1911 to 1916 mutton production was larger than that of veal, but war conditions favored the marketing of calves, and from 1917 to 1920 veal production increased markedly altho during most of that period beef production was diminishing.

The curve of lard production shows a steady supply at a high level during the last four years.

Livestock prices at Kansas City at present show a narrow range but hogs and lambs are gaining in strength. Cattle prices this week held within a narrow range and closed with choice smooth light and medium weight classes slightly higher, choice heavy classes steady and the plain heavy and rough steers 10 to 15 cents lower. Hog prices fluctuated within a 15 to 25 cent range and closed the week strong. Heavy hogs developed a net advance and closed the week in a strong position. Lambs broke 25 cents and regained the loss, while fat sheep remained firm.

Receipts this week were 30,900 cattle, 5,250 calves, 67,650 hogs, and 28,350 sheep as compared with 31,900 cattle, 4,500 calves, 69,000 hogs, and 35,300 sheep last week, and 29,500 cattle, 3,800 calves, and 34,200 sheep a year ago.

Beef Cattle Top is \$9.50

After showing some strength at the outset this week steer prices weakened Tuesday and in the remaining days of the week the choice handy and light weight classes developed strength and the heavier grades closed with a slight decline. Choice 1028 pound steers sold up to \$9.50. The top for 900 pound steers was \$9.35 and for heavy steers \$9.25. The bulk of the good to choice steers brought \$8.50 to \$9.25. Several bunches of Colorado and Western Nebraska steers brought \$8.75 to \$9. Prime mixed yearlings sold up to \$9.15 and heifers up to \$9. The top price for prime cows was \$7.40. Veal calves were \$1 lower at \$9 to \$9.50 for choice light weight grades.

Prices for good to choice stockers and feeders ruled strong. Plainer classes sold slowly. The light supply kept down the volume of trade.

Hogs Advance 10 Cents

Choice heavy hogs are 5 to 10 cents higher than a week ago and the light weight classes steady. The top price today was \$8.30, and the bulk of the offerings sold at \$8.10 to \$8.25. Packing sows sold at \$7.25 to \$7.40. Demand for stock hogs showed a material improvement and at the market's close sales at \$7.50 to \$7.80 were 75 cents higher than a week ago. The general hog market is in a firm position. The buying side seems to want all weights and classes.

Following a decline the middle of the week, lamb prices rallied again and closed steady with a week ago. Choice light weight lambs are selling at \$14.25 to \$14.50, and the heavier grades \$13.25 up. Clipped lambs are quoted at \$10.75 to \$11.50. Spring lambs sold at \$15 to \$17.50. Woolled ewes sold up to \$9, wethers \$10 and yearlings, \$13.

Horses and Mules

Choice heavy draft horses were higher, good smooth mules steady, and the green long haired kind lower. Volume of demand was fully normal. Dealers say heavy draft horses will sell readily.

The following quotations on horses

are given in Kansas City: Drafters, weighing 1,500 to 1,700 pounds, \$100 to \$140 apiece; good chunks, \$60 to \$125; fair to good drafters, \$60 to \$100; medium chunks, \$50 to \$85; fancy drivers, \$100 to \$175 or more.

The following prices are quoted on mules at Kansas City:

Good work mules, 4 to 7 years old, 13½ to 14 hands high, \$25 to \$90; 14 to 14½ hands, \$50 to \$100; 15 to 15½ hands, \$90 to \$150; 15½ to 16 hands, \$100 to \$175; extra big mules, \$150 to \$225.

Dairy and Poultry

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

Butter—Creamery, extra, in cartons, 50c a pound; creamery firsts, 41 to 45c; seconds, 35 to 40c; No. 1 butterfat, 48c; No. 2 butterfat, 45c; packing butter, 32c.

Cheese—Longhorn, 26c a pound; Daisies, 23¼c; flats, 25¼c; prints, 27¼c; brick 24¼c; imported Roquefort, 41c; limburger, 20¼c; New York Cheddars, 31c; imported Swiss, 47 to 48c.

Eggs—Selected case lots, firsts, 23c a dozen; seconds, 20c a dozen.

Live Poultry—Hens, 18 to 21c a pound; broilers, 30c; springs, 28c; young roosters, 12c; ducks, 15c; geese, 15c; turkey hens, 24c; old toms, 20c.

Hides and Wool

The hides and wool markets continue steady, and the following prices are quoted at Kansas City:

Hides—No. 1 green salted hides are quoted at 11c; No. 2, 10c; side brands, 8c; salted bulls, 8c; salted glue, 5c; green salted horse hides large size, \$4.50; medium, \$4; small, \$3.50; pony \$2.50; dry flint, 15 to 16c; sheep pelts, 25c to \$1.50 each; No. 1 tallow, 6c; No. 2 tallow, 5c.

Wool—Missouri and similar, bright medium three-eighths blood, 43 to 45c; bright medium, quarter blood, 40 to 42c. Kansas, Nebraska, Oklahoma, bright medium, 36 to 38c; dark medium, 34 to 36c; light fine, 36 to 38c; heavy fine 25 to 30c. Colorado, New Mexico, Utah and Texas, light fine, good staple is quoted at 35c; Mohair, 30 to 40c.

Kansas City Grain Market

Evidence of a little export demand coupled with unfavorable weather reports and crop killing news from Kansas, Oklahoma, Nebraska, Illinois, and Indiana prompted moderate buying which resulted in small gains for wheat and corn.

Grain dealers estimate condition of wheat as varying from 30 to 84 per cent in different wheat growing sections. An abandonment of not less than 28 per cent in the wheat acreage is predicted and in some sections it will be larger.

Final quotations on futures show an advance of approximately 1 cent for May delivery, and 2¼ to 2½ cents for July and September. Corn futures show gains of ½ to 1½ cents. May deliveries of oats gained 1½c and July deliveries advanced ¾ cent.

The following quotations on grain futures are given at Kansas City: May wheat, \$1.12½; July wheat, \$1.10½; September wheat, \$1.08½; May corn, 73¼c; July corn, 74¼c; September corn, 74¼c; May oats, 44¼c; July oats, 44c.

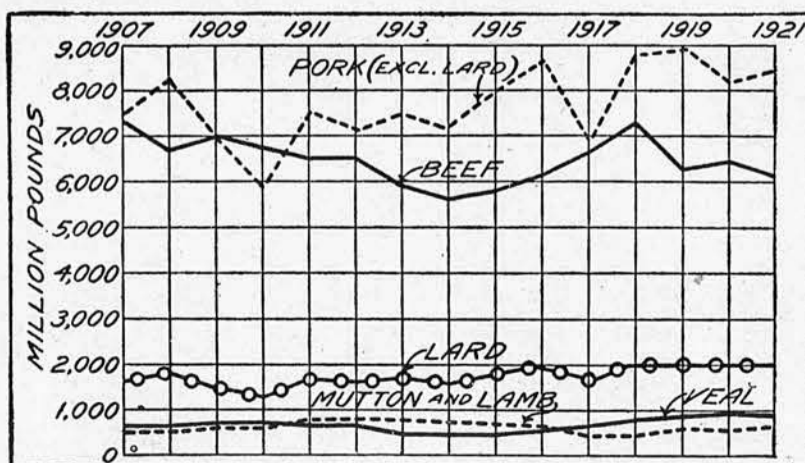
Late Cash Quotations

The market for hard and dark hard wheat at Kansas City has advanced from 1 cent to 2 cents and there was a good demand. Red wheat is quoted unchanged to 1 cent higher. The following sales are reported:

No. 1 dark hard wheat, \$1.19 to \$1.25; No. 2 dark hard, \$1.19 to \$1.25; No. 3 dark hard, \$1.24; No. 4 dark hard, \$1.18 to \$1.22; No. 5 dark hard, \$1.14 to \$1.18.

No. 1 hard wheat, \$1.15 to \$1.23; No. 2 hard, \$1.15 to \$1.21; No. 3 hard, \$1.13 to \$1.20; No. 4 hard, \$1.12 to \$1.21; No. 5 hard, \$1.12 to \$1.14.

(Continued on Page 31)



This Chart Shows Comparative Production of Pork, Beef, Lard, Mutton, Lamb and Veal in the United States from 1907 to 1921 Inclusive

White Diarrhea

Remarkable Experience of Mrs. C. M. Bradshaw in Preventing White Diarrhea

The following letter will no doubt be of utmost interest to poultry raisers who have had serious losses from White Diarrhea. We will let Mrs. Bradshaw tell of her experience in her own words:

"Gentlemen: I see reports of so many losing their little chicks with White Diarrhea, so thought I would tell of my experience. I used to lose a great many from this cause, tried many remedies and was about discouraged. As a last resort I sent to the Walker Remedy Co., Dept. 47, Waterloo, Iowa for their Walko White Diarrhea Remedy. I used two 50c packages, raised 300 White Wyandottes and never lost one or had one sick after giving the medicine and my chickens are larger and healthier than ever before. I have found this company thoroughly reliable and always get the remedy by return mail.—Mrs. C. M. Bradshaw, Beaconsfield, Iowa."

Cause of White Diarrhea

White Diarrhea is caused by the Bacillus Bacterium Pullorum. This germ is transmitted to the baby chick through the yolk of the newly hatched egg. Readers are warned to beware of White Diarrhea. Don't wait until it kills half your chicks. Take the "stitch in time that saves nine." Remember, there is scarcely a hatch without some infected chicks. Don't let these few infect your entire flock. Prevent it. Give Walko in all drinking water for the first two weeks and you won't lose one chick where you lost hundreds before. These letters prove it:

Never Lost a Single Chick

Mrs. L. L. Tam, Burnetts Creek, Ind., writes: "I have lost my share of chicks from White Diarrhea. Finally I sent for two packages of Walko. I raised over 500 chicks and I never lost a single chick from White Diarrhea. Walko not only prevents White Diarrhea, but it gives the chicks strength and vigor; they develop quicker and feather earlier."

Never Lost One After First Dose

Mrs. Ethel Rhoades, Shenandoah, Iowa, writes: "My first incubator chicks, when but a few days old, began to die by the dozens with White Diarrhea. I tried different remedies and was about discouraged with the chicken business. Finally, I sent to the Walker Remedy Co., Waterloo, Iowa, for a box of their Walko White Diarrhea Remedy. It's just the only thing for this terrible disease. We raised 700 thrifty, healthy chicks and never lost a single chick after the first dose."

You Run No Risk

We will send Walko White Diarrhea Remedy entirely at our risk—postage prepaid—so you can see for yourself what a wonder-working remedy it is for White Diarrhea in baby chicks. So you can prove—as thousands have proven—that it will stop your losses and double, treble, even quadruple your profits. Send 50c for package of Walko—give it in all drinking water for the first two weeks and watch results. You'll find you won't lose one chick where you lost hundreds before. It's a positive fact. We guarantee it. The Leavitt & Johnson National Bank, the oldest and strongest bank in Waterloo, Iowa, stands back of this guarantee. You run no risk. If you don't find it the greatest little chick saver you ever used, your money will be instantly refunded.

WALKER REMEDY CO., Dept. 47, Waterloo, Iowa.

Send me the [] 50c regular size (or [] \$1 economical large size) package of Walko White Diarrhea Remedy to try at your risk. Send it on your positive guarantee to instantly refund my money if not satisfied in every way. I am enclosing 50c (or \$1.00). (P. O. money order, check or currency acceptable.)

Name

Town

State

Mark (X) in square indicating size package wanted. Large package contains nearly three times as much as small. No war tax.—Advertisement.

The White Leghorn Hotel

Modern Kitchenette Apartment on Nemaha County Farm for Exclusive Egg Producers

BY M. N. BEELER



HERE is how the city real estate dealer would tell about it in the want advertising sections of the metropolitan dailies:

ONLY EXCLUSIVE WHITE LEGHORN APARTMENT HOTEL Near Picturesque Sabetha

An apartment hotel of unusual appointments, situated in most exclusive district; equipped with every modern convenience. Beautiful sunroom, luxurious lounge room, lobby and sleeping porch. Everything furnished, electric lights, running water, janitor; cafeteria service in connection. Day and night service; every consideration for convenience of occupants. You will appreciate the quiet, cheery, home-like atmosphere. White Leghorns exclusively. References required. Apply to resident manager or to A. Henn, agent, 200 Egg Building. Phone—Cackle 6006.

W. B. Palmer has established a commercial egg plant just outside of Sabetha. The first poultry house has been in service this winter. It is 9 feet high in front, 5 feet at the back, 100 feet long and is divided into five apartments or units. At present there are 100 White Leghorn hens in each compartment. Partitions are made of wall board.

A Handy Dropping Board

A dropping board 6 feet wide and 3½ feet from the floor extends full length of the house. A few inches above this are four roosts. Below are nests with hinged openings in front for removing eggs. Hens enter the nests from a hinged perch behind, which can be turned up at night to prevent them from roosting in the nests.

Along in front of the nests is a litter carrier suspended from a track attached to the roof. This track extends several feet beyond the west end of the building where the carrier may be dumped. Mr. Palmer has made

a scraper about 3 feet long with a handle long enough to reach over the litter carrier and to the back of the droppings platform. With this he rakes the droppings directly into the carrier.

Each compartment is fitted with self-feeder attached 18 inches to 2 feet above the floor, to prevent the hens from scratching litter into the mash. A perch is provided so that they can sit there and eat. A water fountain and dust box are also supplied to each compartment. The dust box is Mr. Palmer's idea. The soil in it is moistened with creosote and kerosene. Two windows which extend from a few inches below the eaves on the south side to within a couple of feet of the ground admit sunlight to the interior. A slatted opening between the windows near the ground supplies fresh air automatically. In summer the back of the house opens.

Air circulation is insured by ventilators in the ceiling which extend back of the roosts and open in front above them. The floors are of cement laid on hollow tile which rests on sand. The house without the floor cost \$800.

The scratch feed, consisting of whole wheat and cracked corn, is fed in litter on the floor to induce exercise. The mash consists of 1 part each of cornmeal, wheat bran, wheat shorts, ¼ part of meat scrap, ¼ part of ground oats, 1-5 part of linseed meal, 5 per cent of charcoal and 1 pound of salt in 100 pounds of mash.

There are 1,000 layers on the place now. These were raised from 1,500 baby chicks bought and 1,500 hatched on the place. Three more houses like the one herein described will be constructed, according to present plans.

What is an Ideal Holstein?

BY T. W. MORSE

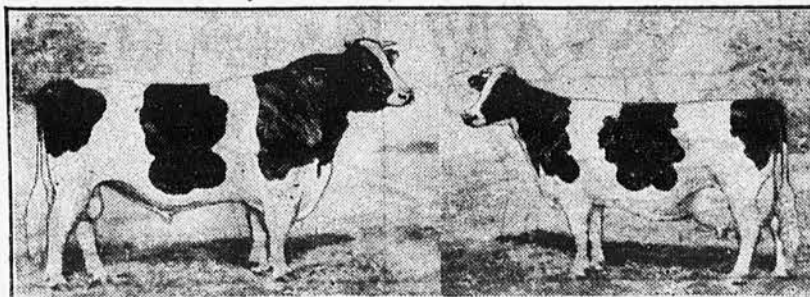
WHAT constitutes an ideal Holstein-Friesian at maturity? For 10 months last year, a committee of authorities worked on the problem of giving a complete, understandable and unmistakable answer to that question.

What the ideal Holstein should be, in the matter of production, is being determined, year after year by steadily improving production records of the breed, so the quest of the committee was for the true type.

Taking with them the famous animal painter, Edwin Megaree, and the Japanese sculptor, Gozo Kawamura, members of this committee inspected, photographed, sketched and measured the best Holsteins they could find, worthy, either thru production, breeding records or prize winnings, to be considered as a factor in composite conception which should be the breed's ideal. In this work the committee held counsel with the best informed breeders and dairymen with whom they came in contact, the painter and sculptor meanwhile collecting records for their final work.

Finally two paintings and two statues recorded the work and conclusions of the committee. The accompanying illustration is made from a copyrighted photograph of the two paintings. Reproductions of the paintings are being furnished free to county agents and educational institutions, and are being sold to people not engaged in educational work.

The committee for getting at this "true type" included, W. S. Moscrip of Minnesota, Prof. H. H. Kildee of Iowa, Fred Pabst of Wisconsin, Ward Stevens of New York, W. H. Standish of Ohio, Prof. E. T. Elder of Massachusetts, A. D. Oosterhuis of Wisconsin, R. E. Haeger of Illinois and Axel Hansen of Minnesota.



Starts Me Right—
Makes Me Grow!



Brooks Buttermilk Chick Starter contains the lactic acid and vitamins, that helps to prevent white diarrhoea and bowel trouble, and makes chicks grow twice as fast as grain feeds. It is the finest starting and growing buttermilk food made, and we can prove it. It contains pure dried buttermilk, Special meat scraps, cereal meals, etc., and does not contain a single ounce of weed seeds or screenings of any kind. Starts 'em right, makes 'em grow twice as fast, and should be fed the first 8 weeks.

Ask your Dealer. If he won't supply you, we will ship direct, but only in 100-lb. sacks \$5 each on cars here, or 500 lbs. \$23.75. If you wish to try it first, we will send 81-3 pound trial sack by prepaid parcels post on receipt of 85c.

THE BROOKS CO., Manufacturers
FORT SCOTT, KANSAS

140 Egg Incubator \$13.25
30 Days Trial

Freight Paid east of the Rockies. Hot water, copper tanks—double walls—dead air space—double glass doors—a real bargain at \$13.25. Shipped complete, set up ready to use.

140 Egg Incubator and Brooder	\$17.75
180 Egg Incubator Alone	16.75
180 Egg Incubator and Brooder	22.00
250 Egg Incubator Alone	22.75
250 Egg Incubator and Brooder	31.00

Made of California Redwood—last a lifetime. Positively the best value on the market today. Order the size you want direct from this ad. 30 days trial—money back if not pleased. If not ready to order now, don't buy until you get our new 1923 catalog. (3)

WISCONSIN INCUBATOR CO. Dept. 136 Racine, Wis.

\$13.95 Buys 140-Egg Champion Belle City Incubator

Hot-Water, Copper Tank, Double Walls Fibre Board, Self-Regulated Safety Lamp, Deep Nursery. With \$6.95 Hot Water 140-Chick \$18.95

Brooder Both for only \$21.95 Buys 230-Egg Champion Incubator \$1.95 Buys 230-Chick Hot Water Brooder Both When Ordered Together, Only \$29.95

Express Prepaid

East of the Rockies and allowed to points beyond. With this Guaranteed Hatching Outfit and my Guide Book for setting up and operating, your success is assured. Save time—Order now—Share in my \$1000 in Prizes

Or write for Free Poultry Book, "Hatching and Raising Chickens," Belle City Incubator Co. Box 21 Racine, Wis.

140 EGG Incubator Only \$13.85

Made of California Redwood, covered with galvanized iron, double walls, air space between, built to last for years; deep chick nursery, hot water heat, copper tanks. Shipped complete, set up, ready to run, freight paid.

140 EGG INCUBATOR WITH BROODER	\$19.75
260 EGG INCUBATOR, ALONE, ONLY	23.50
260 EGG INCUBATOR, WITH BROODER	32.00

30 days' trial—money back if not O. K.—FREE Catalog

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GOLDEN HEN INCUBATOR

Turns Every Egg in Two Seconds. A great labor-saver and money-maker. Guaranteed to hatch every fertile egg of normal vitality. Can make immediate deliveries. Get further information at once.

SLEEP-OR-SWING CO., TOPEKA, KANSAS

Chicks Guaranteed to Live

Free circular explains 14 day GUARANTEE TO LIVE, under your care. 100% live delivery, post paid. Thirteen husky, pure bred varieties, from prize winners; culled and mated by a former Missouri College poultry expert. Reference, American Exchange Bank.

Sedalia Hatcheries, Box X, Sedalia, Mo.

LICE-OFF Kills all lice and nits on poultry. One application lasts six months. Satisfaction or your money back. Tube containing enough LICE-OFF to treat 100 hens, 50 cents, post paid. **Windham Chemical Co., 723 Main St., Williamette, Conn.**

BABY CHICKS and hatching eggs from standard 200 egg hens. 20,000 chicks weekly. Low prices. Ten varieties. Delivery Free. 32 page chick book and catalog Free. **Standard Egg Farm, Dept. E Cape Girardeau, Mo.**

QUALITY Chicks and Eggs

25,000 STANDARD BRED BREEDERS. 12 varieties. Best laying strains. Incubate 15,000 eggs daily. Catalog free. Reasonable prices. Free live delivery. **Missouri Poultry Farms, Columbia, Mo.**

MODERATE optimism prevails among farmers in the Middle West and especially in Kansas despite the many disappointments that came last year. The agricultural legislation passed by Congress is already having a beneficial effect. Better systems and methods of marketing with improved farm credits will do much toward putting the agricultural industry on a safe and profitable basis.

Livestock and grain marketing associations for the orderly and systematic marketing of farm products are being organized everywhere and thru these agencies there is no doubt but that better prices will be received for farm products.

Grain Associations Plan Big Merger
More than 75 million bushels of wheat, one-tenth the annual production of the United States, will be under the sale of the American Grain Growers' Association as soon as the five states constituting the National Wheat Growers' Association accept the plan of the joint committee.

The committee conferred recently with delegates from Kansas, Oklahoma, Nebraska, Texas and Colorado at Wichita. It is predicted by George C. Jewett, manager of the Northwestern Wheat Growers' Association, that 150 million bushels of wheat will be contracted by the new association by harvest time.

A plan is now under way looking to the merging of the Northwest Wheat Growers' Association, the National Wheat Growers' Association, the American Wheat Growers' Association, and the U. S. Grain Growers, Inc., and recent meetings of the committees of these various organizations at Wichita, and Kansas City seem to indicate that an agreement for co-operative action will result even if the associations do not federate.

Under the tentative plans now outlined, the American Wheat Growers' Association, Inc., will handle wheat on a co-operative pooling basis, thus eliminating competition and obtaining for the farmer top prices for his wheat.

George C. Jewett, Spokane, general manager of the Northwest Wheat Pool, and W. H. McGreevy, Oklahoma secretary of the National Wheat Growers, are taking a prominent part in the negotiations. H. L. Keefe, Walthill, Neb., represented the United States Grain Growers.

Farmer's Buying Power Increases

Another cause for optimism among farm owners is the improvement in the farmer's purchasing power. According to a report issued by the United States Department of Agriculture on March 27, the farmer's purchasing power continued its slow upward climb during February, being placed at 69 as an index figure as compared with 68 in January, the United States Department of Agriculture announces. Altho prices of commodities other than food that farmers buy jumped two points during the month, prices of crops went up four points and prices of livestock one point.

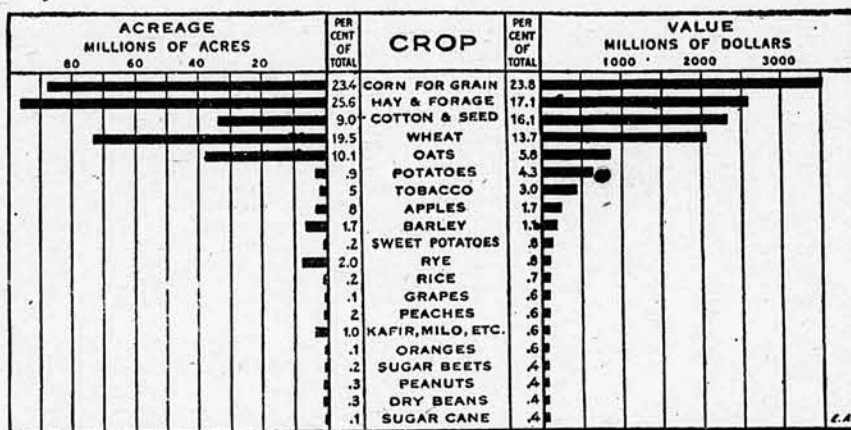
The average farm price of 10 leading crops is placed at 130 as an index number as compared with 126 in January. This is the highest figure reached since December 1920, when the index number was 131. Higher prices of cotton, corn, wheat and oats are mainly responsible for the advance during the month.

Livestock prices have not fared as well as crop prices, having had numerous ups and downs over the two

A Busy Crop Season is Here

Moderate Optimism Prevails in the Middle West and Especially Among Kansas Farmers

BY JOHN W. WILKINSON



The Relative Importance in Acreage and Value of the Principal Crops in the United States in 1919 is Interesting in Studying the Present Outlook

year period. The index figure of farm prices of six items is 107 for February compared with 106 in January. The average for the year 1922 was 111 as compared with an average of 107 in 1921.

The index of commodity prices is placed at 172 as compared with 170 in January. The average for 1922 was 163 as compared with 161 in 1921.

Farm Labor Shortage Reported

The chief sources of discouragement to farmers at present are the threatened car shortage, the unfavorable weather, and the apparent shortage of farm labor. This scarcity of farm help coming at a time when there is no general labor shortage in the country is directly attributable to the fact that the prices of the farmers' products are much lower than the prices of the products of other industries. As a result the farmer's purchasing power in the labor markets, where he must compete with other industries in the buying of labor, is greatly discounted. Due to the depressed state of the agricultural industry the movement from the farms to the industrial centers was fully double the usual number, and this exodus still continues. No permanent relief can be hoped for until a proper relationship between the value of farm and other commodities is restored. In the meantime every effort will have to be made to secure sufficient farm hands to care for and harvest the crops.

Weather Continues Unfavorable

Unseasonably cold weather continued over Kansas most of last week and part of this week. Temperatures were below freezing several nights last week in all parts of the state and readings of 9 to 14 degrees occurred in the northwest counties. March 21, from 1/2 inch to 1 inch of snow fell in the northern, central, and western counties and light rains elsewhere. This, together with the precipitation of the weeks immediately preceding, provided sufficient moisture for present needs in all parts of the state, except the western third, where the snow that fell this month drifted badly, leaving most wheat fields bare.

The dry weather is especially severe in the section west and south of Dodge City. There was about the usual amount of sunshine.

All crops and farm work are backward. Wheat made little or no growth and is recovering slowly from the setback it received during the zero temperatures March 18 and 19. In many places its color is not good.

Oats are not up, except in the south-central, southeast and southwest counties, where the condition is poor. Peaches and apricots in the southern part of the state show severe damage from recent low temperatures and early alfalfa there is frozen down. In the north central counties alfalfa is in good condition. Apples so far are all right.

Farm work made but little progress during the week. In the eastern counties the ground was too wet and frozen a great deal of the time, while in the western third it was too dry for plowing.

Early potatoes were seriously damaged by the freezes and at least one-third and possibly one-half of the crop will have to be replanted.

This year farmers in Kansas as well as in all other states will make a great effort to diversify their crops in order to reduce their crop hazard. To do this satisfactorily farmers will have to study the acreage and values of the various farm crops. As a rule the crops of corn, hay and forage, cotton, wheat and oats constitute nearly 90 per cent of the acreage and over 75 per cent of the value of all crops. A study of the accompanying chart published on this page will be of interest in this connection.

County Farm Conditions

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

Barton—Dry, windy, dusty and changeable weather prevails. Many wheat fields have "blown out" and in a few localities there is not a wheat plant living. These fields will be sown to spring crops as will many others which have not blown so bad. A good rain is needed to stop this blowing. It also will be very beneficial to what wheat remains in the ground. The potato acreage will be normal. Potato planting is in progress. It is believed that fruit was injured by the recent cold spell. Rural market report: Wheat, \$1.02; corn, 72 to 76c; butterfat, 43c; eggs, 19c.—A. E. Greenwald.

Bourbon—Two days the middle of March were the coldest days we have had this winter. Reports show that oats were damaged in many localities. Wheat is in excellent condition. Plowing and grass seeding is in progress. Oats and wheat acreage is small

but corn and grass acreage will be above normal. Rural market report: Corn, 80c; oats, 65c; hogs, \$1.20; eggs, 20c; butterfat, 43c; hens, 20c.—Robert H. Smith.

Brown—Altho the weather is cold and backward, the oats still are all right. However, none of them are up. Clover has not been winter-killed as some thought. Wheat is in excellent condition. Moisture is plentiful. Feed is scarce. Rural market report: Wheat, \$1.10; corn, 70c; cream, 45c; eggs, 18c; hens, 20c; hogs, \$7.75.—A. C. Dannenberg.

Chautauque—The freeze the middle of March killed the oats down to the ground but they are now in good condition. The weather is fine. Some potatoes were frozen and killed. All the fruit, except peaches, seems to be undamaged. Farmers are getting ready to plant corn. Rural market report: Butterfat, 43c; eggs, 18c; bran, \$1.65; shorts, \$1.85; flour, \$1.90; sugar, \$11.—A. A. Nance.

Cheyenne—A recent snow drifted badly because of accompanying winds. Many roads were hard to travel. Spring work has not yet been started. Occasional public sales, at which everything sells for good prices, still are held. A few farmers are running short of feed and an early spring will be welcome. Rural market report: Wheat, \$1; corn, 55c; barley seed, 60c; shorts, \$1.60; bran, \$1.40.—F. M. Hurlock.

Clay—During the recent storm, livestock suffered more than at any other time during the whole winter. Feed for livestock is getting low. Many little chicks have been hatched. Oats, potatoes and some gardens will be replanted. Weather still is cold and backward. The "flu" has been prevalent this winter. Rural market report: Wheat, \$1; corn, 65c; hogs, \$7.25; poultry, 16c; eggs, 19c; butterfat, 47c.—P. R. Farslund.

Dickinson—The last few days have been real nice weather. Zero weather that prevailed thru the middle of March froze off the wheat and killed the potatoes that had been planted. This will set the wheat back, which is a good thing. However, it is greenening up nicely now. Oats that were sown three weeks ago have just sprouted. The fields that were not up remained uninjured. Very little gardening has been done. The fruit crop sustained injuries from the severe cold. Many horses are sick and several have died.—F. M. Larson.

Elk—Spring appears to be backward. Wheat was frozen and set back by the recent blizzard. It is too early to make statements in regard to the condition of oats. However, practically all the oats have been planted. Ground for corn and alfalfa is being prepared. Indications are that a good acreage of alfalfa will be sown this spring. Peach buds were damaged but not all of them were killed. Early gardens and potatoes are being planted. Stock is healthy and in good condition.—D. W. Lockhart.

Ellis—One of the worst dust storms we have had this winter was followed by a severe blizzard the middle of March. Then another dust storm followed a snow about a week later. Feed is getting very scarce in a few localities. The outcome of this year's wheat crop still is uncertain as fields have not ceased blowing. Rural market report: Wheat, \$1.02; corn, 70c; kafir, 75c; cane seed, \$2; barley, 60c; shorts, \$1.70; hogs, \$7.25; eggs, 18c.—C. F. Erbert.

Ford—No recent moisture, either rain or snow, has fallen which could be of any benefit to crops. Sand and dust storms prevail and many fields have been ruined. Farmers are waiting for rain before they sow their oats and barley. Rural market report: Wheat, \$1.05; barley, 50c; oats, 55c; corn, 70c; cream, 46c; butter, 45c; eggs, 18c.—John Zurbuchen.

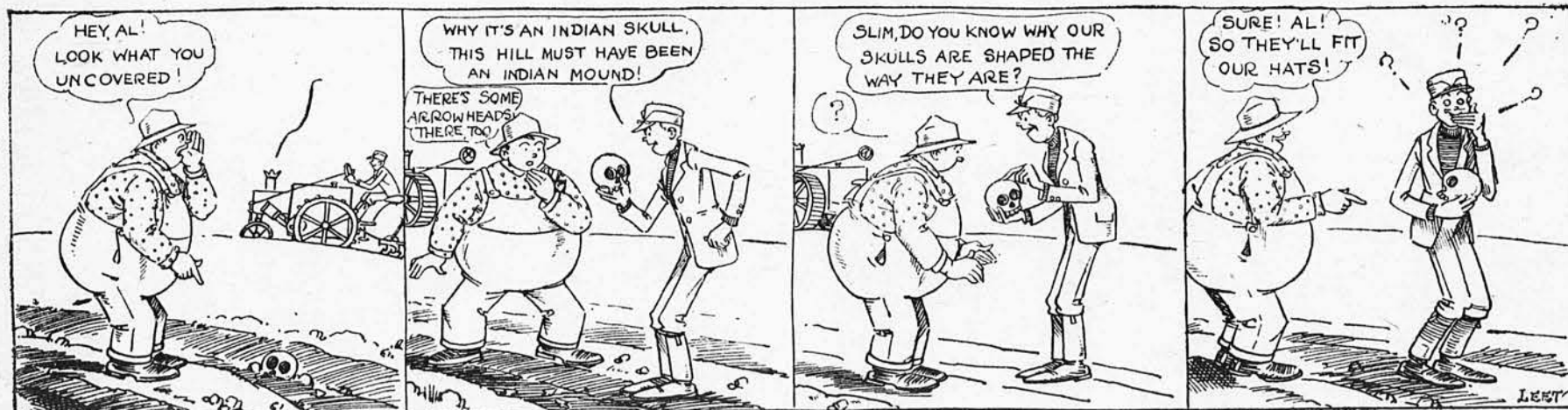
Greenwood—The weather was ideal for farming last week. Potato planting is the order of the day and the acreage will be larger than usual. Wheat is beginning to look green since the recent freeze. Practically all oats have been sown. Farmers are doing much plowing. Oil companies are drilling a few new wildcat wells.—A. H. Brothers.

Greenwood—The condition of oats is questionable yet. Some farmers believe they have not been materially damaged. The 3 inches of rainfall during March proved invaluable to the soil and crops. Ground now is in excellent condition and the acreage of spring crops will be normal.—John H. Fox.

Hamilton—Altho 4 inches of snow recently fell it is yet very dry in this county. Strong winds last week damaged several barns and sheds. Everything except horses sells for satisfactory prices at public sales. Milk cows sell for as high as \$120 a head. Hogs also bring good prices. Rural market report: Wheat, \$1.20; barley, 90c; butter, 40c; eggs, 25c; cream, 48c; hens, 22c.—W. H. Brown.

Lane—We recently had a blizzard with zero weather accompanied with snow and wind which whipped the snow into drifts. A light snow several days later did more good because it stayed where it fell. Stock came thru the storm in good shape. Many early chicks are being hatched.—S. F. Dickinson.

Pawnee—The blizzard that came the middle of March caused livestock to suffer and it was very hard on the wheat. All potatoes that were planted were frozen. Moisture is badly needed. The powdered milk plant will begin operations next week. Cows and chickens are the only hope of the "wheat" farmers. Rural market report:



Activities of Al Acres—Go to the Head of the Class, Slim, the Honor is All Yours

Wheat, \$1; corn, 70c; oats, 75c; barley, 70c; eggs, 18c; butter, 40c.—E. H. Gore.

Ness—We have had the usual March wind and plenty of it, with little moisture. The dry ground is holding up the spring work. Rural market report: Wheat, \$1; corn, 75c; kafir, milo and maize, 75c; hogs, \$7; oats, 50c; barley, 50c; hens, 15c; butterfat, 38c.—James McHill.

Riley—A snow the middle of March greatly benefited the wheat. The oats that were sown before that time are thought to be frozen. However, the fields are too wet to work and farmers are doing nothing much more than chores. Livestock is doing well as feed is plentiful. Spring will be late and work will be rushed when it warms up. Rural market report: Corn, 70c; wheat, \$1; hogs, \$7.75; eggs, 19c.—P. O. Hawkinson.

Rooks—Roads were impassable for several days last week because of snow and high winds. Plowed fields have been damaged by blowing. Numerous sales with satisfactory prices are being held. Many young chicks have been hatched. The Farmers' Union is growing better and stronger every day in every way. Rural market report: Wheat, \$1; corn, 60c; oats, 45c; butterfat, 41c.—C. O. Thomas.

Rush—Weather conditions have been very unfavorable for all growing crops. Wheat is in an unsatisfactory condition. Other crops are slow. Oats and barley planting is in progress. Farmers are becoming intensely interested in diversified farming. They have begun to realize more, the need and value of better bred stock, more good milk cows, more poultry and hogs and better management. Rural market report: Wheat, \$1; corn, 75c; barley, 70c; oats, 53c; butterfat, 43c; eggs, 19c.—R. G. Mills.

Summer—Winter weather has taken hold of things lately. However, the last few days have been somewhat warmer. Farmers have their doubts about the oats that have been planted but time will tell. Wheat is getting green. The potatoes that were in the ground were hit hard. Rural market report: Wheat, \$1; oats, 70c; corn, 80c; eggs, 20c.—E. L. Stocking.

Wilson—Wheat was browned and set back by the recent cold weather. Moisture is plentiful now. Spring work and gardening are backward. The acreage of cultivated crops will be less than last year. Livestock wintered in fine condition but many farms lack the usual number of stock.—S. Canty.

Colorado Crop Reports

Mesa—Weather is of the finest brand. Fruit buds are swelling. Prospects for a big crop of peaches are good. The acreage of sugar beets will be large. But few public sales are being held. Rural market report: Butter, 50c; eggs, 18c.—J. A. Stoner.

Morgan—Two heavy snows last week stopped all farm work. This will make a good supply of much needed moisture. It will save much work in the irrigated districts and start crops nicely "above the ditch."—E. J. Leonard.

Business and Markets

(Continued from Page 28)

No. 1 red wheat, \$1.28 to \$1.31; No. 2 red, \$1.26 to \$1.30; No. 3 red, \$1.23 to \$1.29; No. 4 red, \$1.17 to \$1.24.

Corn has advanced $\frac{1}{4}$ c to $1\frac{1}{2}$ c. Oats are unchanged to $\frac{1}{4}$ cent higher. Kafir gained 1 cent and milo is unchanged. The following prices are quoted at Kansas City:

Corn—No. 1 white corn, $75\frac{1}{4}$ c a bushel; No. 2 white, 76c; No. 3 white, $74\frac{1}{2}$ c; No. 4 white, 74 to 75c; No. 1 yellow, $77\frac{1}{2}$ to 78c; No. 2 yellow, $77\frac{1}{2}$ c; No. 3 yellow 77 to $77\frac{1}{2}$ c; No. 4 yellow, $76\frac{1}{2}$ to 77c; No. 1 white, 75 to 76c; No. 2 white, 75c; No. 3 white, $74\frac{1}{2}$ c; No. 1 mixed, $75\frac{1}{2}$ c; No. 2 mixed, $75\frac{1}{2}$ c; No. 3 mixed, 75c; No. 4 mixed, $74\frac{1}{2}$ c.

Oats—No. 2 white, 47c; No. 3 white, $47\frac{1}{2}$ c; No. 4 white, $46\frac{1}{2}$ c; No. 2 red, 48 to 63c; No. 3 red, 48 to 60c; No. 4 red, 45 to 55c; No. 2 mixed, 47c; No. 3 mixed, 46c; No. 4 mixed, $45\frac{1}{2}$ c.

Barley—No. 3 barley, 67 to 68c a bushel; No. 4 barley, 66c.

Rye—No. 2 rye, 74 to 75c a bushel.

Demand for Millfeeds Weakens

The improvement in pasture conditions is causing the market for millfeeds to weaken. The following prices are reported at Kansas City:

Corn chop, \$1.55 to \$1.57 a cwt.; alfalfa molasses feed, \$1.25; linseed meal, \$2.42; cottonseed meal, \$2.51; ground barley, \$1.75; ground oats, \$1.80; tankage, \$75 a ton.

Hay Supply is Moderate

The hay supply in Kansas City at present is moderate and the following quotations are given:

Selected dairy alfalfa hay, \$26 to \$28 a ton; choice alfalfa, \$25 to \$27; No. 1 alfalfa, \$24 to \$25; standard alfalfa, \$21.50 to \$22.50; No. 2 alfalfa, \$17.50 to \$21; No. 3 alfalfa, \$15 to \$17.

No. 1 timothy hay, \$18 to \$19; No. 2 timothy, \$16.50 to \$17; No. 3 timothy, \$14.50 to \$16.

No. 1 light mixed clover hay, \$16 to \$17.50; No. 2 light mixed clover, \$13 to \$15.50.

No. 1 prairie hay, \$14 to \$15; No. 2 prairie, \$14; No. 3 prairie, \$12.50 to \$14; packing hay, \$9.50 to \$12.

Straw, \$7.50 to \$8.

Seeds and Broomcorn

Broomcorn—Fancy whisk brush, \$450 to \$500 a ton; fancy hurl, \$450 to \$480; choice Standard brush, \$405 to \$430; medium Standard, \$375 to

The Real Estate Market Place

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All advertising copy discontinuance or change of address and change of copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

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FOR IMMIGRATION literature write E. C. Leedy, Great Northern R.R., St. Paul, Minn.

WE HAVE SOLD ONE SIDE of the Earth, and now starting on the other. The best bargains on earth. Write for booklet. Simmons & McKinney, Cabool, Mo.

OWN A FARM in Minnesota, Dakota, Montana, Idaho, Washington or Oregon. Crop payment or easy terms. Free literature. Mention state.

H. W. Byerly, 81 Northern Pacific Ry., St. Paul, Minn.

320 ACRE FARM WITH 11 CATTLE, 30 HOGS, 30 SHEEP. Team, poultry, implements, tools, seed, estimate 600 cords stove wood, 275,000 ft. timber, productive fields, pasture, 80 fruit trees, cottage, barns, tenant, poultry, smoke houses, only \$3500 gets all. Part cash. Details page 11 Big Illus. Catalog Farm Bargains, Copy Free. STROUT FARM AGENCY, 831 GP New York Life Bldg., Kansas City, Mo.

KANSAS

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

WE BUY, sell and exchange farms and city property. Clarke & McAnarney, Paola, Ks.

200 A. NEMAHA COUNTY, all tillable, improved. Terms. Sale by aged widow. \$90. Geneva Lockhart, Owner, Goff, Kansas

320 SMOOTH fine farm, well improved, fine location, \$47.50 acre; terms to suit. Mansfield Investment & Realty Co., Healy, Kan.

CREEK BOTTOM, 200 acres near high school. 65 in wheat. Well improved, \$67 per A. Possession. T. B. Godsey, Emporia, Kan.

80 ACRES IMPROVED. \$65 per acre. \$1,000 cash. 160 acres improved, \$67.50 per acre. \$1,000 cash. The Allen County Investment Co., Iola, Kansas.

FOR SALE EIGHT CHOICE SECTIONS Wallace County, Kan., one to three miles of Weskan. Agents wanted. C. E. Mitchem, Harvard, Illinois

160 ACRES, near Lawrence, Kan. 2 sets improvements, 50 A. wheat, 15 A. alfalfa, 25 A. bluegrass, bal. spring crop. Price \$85. Snap. Mansfield Land & Loan Co., Lawrence, Kan.

80 ACRES, IMPROVED. Fine land. Trail location. Sacrifice price for immediate sale. Possession. Come or write for full description. Mansfield Land Company, Ottawa, Kansas.

RARE BARGAIN. 160 A. in Sherman Co. 4 m. station, 12 m. city of 3000. Deep chocolate loam, all tillable; good roads; $\frac{1}{4}$ m. school, $\frac{1}{4}$ of 145 A. wheat goes. \$600 down, bal. 6%. Price \$30 A. Act quick. Box 300, Pittsburg, Kan.

FOR SALE: Farm in Allen County, Kan. 130 acres including tillable land, pasture and small amount of timber, farm buildings, etc. $3\frac{1}{2}$ miles from county seat on concrete highway. Cash price \$125 per acre. M. B. Brownfield, Iola, Kansas.

BARGAIN IN WALLACE COUNTY, section 200 A. absolutely level, 15 A. sub-irrigated alfalfa land, balance fine buffalo and blue stem grass. Spring and shade in pasture. $4\frac{1}{2}$ miles from Wallace. Will break 200 A. and sell at \$17.50 per A. Bird Investment Co., Hays, Kansas

COMBINATION FARM 480 acres, Eastern Kansas; rich black dirt, 120 growing wheat; plenty water; large improvements; \$85 per acre; it's worth \$125 today; easy terms; possession. Mansfield Land & Loan Company, 415 Bonfils Bldg., Kansas City, Mo.

ARKANSAS

FREE HOMESTEAD land, healthful Ozarks. Raise corn, cotton, vegetables, fruit; deer, turkey, fishing. Particulars free. Write M. Decker, Norfolk, Ark.

BUY A FARM in the great fruit and farming country of Northwest Arkansas where land is cheap and terms reasonable. For free literature and list of farms write J. M. Doyel, Mountainburg, Arkansas.

CALIFORNIA

FOR SALE—40 acres all in alfalfa. Plenty of cheap water. \$6,000, easy terms. V. L. Martin, Route A, Box 55, Lemoore, Calif.

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

\$400; medium Oklahoma Dwarf, \$350 to \$380; common Oklahoma Dwarf, \$330 to \$350 a ton.

The following quotations are given on seeds and broomcorn at Kansas City.

Seeds—Alfalfa, \$10 to \$16 a cwt.; bluegrass, \$15 to \$27; cane, \$2.50 to \$3.25; cowpeas, \$4 to \$5; flaxseed, \$2.88 a bushel; Red clover, \$14 to \$18 a cwt.; Sweet clover, \$9.50 to \$10.50; Sudan grass, \$9 to \$11; timothy, \$6.75 to \$7.75.

RATES

For Real Estate Advertising on This Page

45c a line per issue on 4 time orders. 50c a line per issue on 1 time orders.

Pay No Advance Fee. Don't give option for any kind of contract without first knowing those you are dealing with are absolutely honorable, responsible and reliable.

COLORADO

160 ACRES, good dry land. Black loam soil. Town and R.R. 3 mi. Kiowa Co. Colo. Owner W. F. Oakes, 1083 Broadway, Denver, Colo.

FOR SALE Southeastern Colorado irrigated and non-irrigated farms and ranches. Write for free information. Gregg Realty Company, Lamar, Colorado

FOR SALE TEN CHOICE SECTIONS, east of Cheyenne Wells, Cheyenne County, Colorado. Agents wanted. C. E. Mitchem, Harvard, Illinois

FOR SALE: 320 acres Southeast Colorado; good wheat land, close to Lamar. Cross fenced, 113 acres in cultivation. Small house and barn. \$10 per acre; also larger wheat farm. Quick action. Terms. C. S. Shelton, Paris, Texas.

FOR SALE—20 acre ranch $3\frac{1}{2}$ miles from Grand Junction, Colo., on graded Co. road, place in good shape, fine buildings, shade trees, 10 acre orchard, 5 alfalfa, 5 open. A bargain at \$7,000, cash. C. M. Hoffman, Grand Junction, Colo., R. 1.

CANADA

Irrigated Farms in Southern Alberta

In the famous Vauxhall District Bow River Irrigation Project. 2000 acres irrigable

A specially fine tract of 5,000 acres all located within seven miles of the railroad station, now ready for water service, selling for a limited time at \$40.00 to \$65.00 per acre, WITH FULL WATER RIGHT. One-fifth cash down; balance in easy equal payments over 18 years after date of initial payment. Investigate at once.

Canada Land and Irrigation Co., Limited Medicine Hat, Alberta

MISSOURI

LISTEN, 40 acre imp. farm \$1200. Good terms. Other farms. McGrath, Mountain View, Mo.

QUICK SALE. 200 acres near Springfield. Imp. 60-Valley, modern house, bldgs. cost \$6,000. Price \$8500. Terms. Possession. Elrod, 2008 North Blvd., Springfield, Mo.

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

DO YOU WANT A HOME in a mild, healthy climate where the grazing season is long, the feeding season short, waters pure, soils productive? Good improved farms \$20 to \$50 acre. Frank M. Hamel, Marshfield, Mo.

5 ACRES good farm land in Webb City, Mo. Underlaid with 6 ft. coal 25 ft. from surface and part tools. Owner sacrifices at half value. Inquire Tatum, 16 W. 4th, Joplin, Mo. Owner P. Fromhold, 34 E. 32d St., K. C., Mo.

MINNESOTA

QUICK SALE—Highly Imp. 160 or 255 acres joins town of 2000. \$125 acre. Corn, dairy, grain. J. R. Jidlicha, Mahanomen, Minn.

NEBRASKA

3,000 ACRE RANCH For sale or trade, West Central Nebraska. Carry 200 cattle and lot of hogs. Write owner, J. A. Herculani, Hecla, Neb.

SALE OR EXCHANGE

GOOD improved farm for sale or trade. J. M. Mason, 2274, Russell, Kansas City, Kan.

TRADES EVERYWHERE—What have you? Big list free. Bersie Agency, Eldorado, Ks.

FOR SALE OR TRADE, 362 acres exceptionally good grain and stock farm, Eastern Kansas. Close to market on gravel highway. John C. Short, Assaria, Kansas.

FOR TRADE—A 155 acre farm, good improvements, 12 miles from Emporia, for billiard and pool hall in a good Central Kansas town. McCown Realty Co., Emporia, Kan.

APARTMENTS to exchange for farms. 2 large Apt. bldgs. on blvd., \$50,000; extra fine 12-apt. \$75,000; 6-apt. \$40,000; 24-apt. \$125,000; 52-apt. \$350,000. G. W. Goldman, New York Life, Kansas City, Mo.

FOR SALE OR TRADE, 320 acres Finney Co. wheat land. Shallow water, high school. Prefer property in Butler, Sedgwick, Cowley or Greenwood Co. R. G. Phares, Friend, Kansas

FOR TRADE, HIGHLY IMPROVED 40 acre farm 9 miles from Emporia, subject to \$4,500 mortgage, for clear quarter Western land. McCown Realty Co., Emporia, Kan.

REAL ESTATE WANTED

FARM WANTED: Send description, lowest price. Adams, 1931 Forest, St. Louis, Mo.

WE WANT TO BUY or lease a good hog farm. Give full particulars and location. Stants Brothers, Hope, Kansas.

WANTED—To hear from owner improved or unimp. farm. Give description, price. R. E. Leaderbrand, B-740, Cimarron, Kan.

WE HAVE BUYERS for a number of farms. Price must be right. Describe full in first letter. Central Land Bureau, New Franklin, Mo.

CASH BUYERS want Kan. and Colo. farms. Give full description and price. R. A. McNow, 329 Wilkinson Bldg., Omaha, Neb.

CASH YOUR PROPERTY QUICKLY. Location immaterial. Give best price. Universal Sales Agency, Box 43, N. Topeka, Kans.

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

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

FOR SALE, TRADE OR LEASE

FOR SALE, TRADE AND LEASE, Kansas and Nebraska grazing land. Write owner, John W. Baughman, Liberal, Kansas.

LOANS AND MORTGAGES

FARM LOANS made anywhere direct to borrower at straight 6%, no commission. Farmland Mortgage Company, Wichita, Kan.

6% MONEY may be secured under Bankers Reserve System for any purpose on city or farm property. Bankers Reserve Deposit Company, Lathrop Building, Kansas City, Mo. Home office, Denver, Colo.

Farm & Ranch Loans

Kansas and Oklahoma

Lowest Current Rate

Quick Service. Liberal Option.

Interest Annual or Semi-Annual.

THE PIONEER MORTGAGE CO., TOPEKA, KANSAS.

Real Estate Advertising Order Blank

(New Reduced Rates)

KANSAS FARMER and MAIL & BREEZE
Topeka, Kansas

RATES

50c a line for 1 time
45c a line per issue
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Enclose find \$..... Run ad written

below times.

Name.....

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Rate: 10 cents a word, each insertion, on orders for less than four insertions; four or more consecutive insertions the rate is 8 cents a word. Count as a word each abbreviation, initial or number in advertisement and signature. No display type or illustrations admitted. Remittances must accompany orders. Real estate and livestock advertising have separate departments and are not accepted for this department. Minimum charge, ten words.

TABLE OF RATES

Words	One time	Four times	Words	One time	Four times
10	\$1.00	\$2.20	25	\$2.60	\$5.80
11	1.10	2.32	26	2.70	5.90
12	1.20	2.44	27	2.80	6.00
13	1.30	2.56	28	2.90	6.10
14	1.40	2.68	29	3.00	6.20
15	1.50	2.80	30	3.10	6.30
16	1.60	2.92	31	3.20	6.40
17	1.70	3.04	32	3.30	6.50
18	1.80	3.16	33	3.40	6.60
19	1.90	3.28	34	3.50	6.70
20	2.00	3.40	35	3.60	6.80
21	2.10	3.52	36	3.70	6.90
22	2.20	3.64	37	3.80	7.00
23	2.30	3.76	38	3.90	7.10
24	2.40	3.88	39	4.00	7.20
25	2.50	4.00	40	4.10	7.30

RELIABLE ADVERTISING

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

Special Notice All advertising copy discontinuance or change of copy must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

AGENTS WANTED

\$210 MONTHLY EXPENSES, FREE AUTO TO agents selling our poultry and stock remedies. Sunflower Poultry Farm, B46, Parsons, Kan.

AGENTS SELL FRENCH PLOW POINTS. No welding. Farmer puts them on. Outwear three welded points. A. J. Chapman, 1333 Cherokee St., Denver, Colo.

HELP WANTED—MALE

WANTED—MEN TO WORK ON FARM. C. J. Jurek, Ulysses, Kan.

WANTED—MAN AND WIFE WITHOUT children to work on farm. Wages \$40. L. T. Harry, Beattie, Kan.

MARRIED MAN WANTED TO WORK ON farm and milk. Steady employment, \$55 per month. R. C. Obrecht, Route 28, Topeka, Kan.

MEN WANTED TO SELL NURSERY stock. Experience not necessary. Payments weekly. Steady employment. The Ottawa Star Nurseries, Ottawa, Kan.

HELP WANTED—FEMALE

LADIES—200 TRANSFER DESIGNS FOR embroidery, head-trimming, dresses, linens, lingerie, etc., mailed for 25c stamps. Also making home work plan. Agents wanted. C. Klees Company, 2017 Caroline St., Houston, Tex.

SERVICES OFFERED

BLEATING, HEMSTITCHING, PINKING. Mrs. M. J. Mercer, 809 Topeka Blvd., Topeka, Kan.

BUSINESS OPPORTUNITIES

WE WANT AT ONCE A RELIABLE MAN or woman in each town in Kansas to look after new and renewal subscriptions for the Copper Publications. Work either full time or part time. If you are now doing house or office work, take up your work on a side line and increase your income materially. For full particulars write at once to Desk 200, Copper Bldg., Topeka, Kansas.

BUT YOUR BUSINESS BEFORE MORE than 1,180,000 farm families in the 13 richest agricultural states in the Union by using the Copper 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, Copper's Farmer, Kansas Farmer and Mail and Breeze, Missouri Ruralist, Nebraska Farm Journal, and Oklahoma Farmer. Copper Farm Press, Topeka, Kansas.

EDUCATIONAL

CORRESPONDENCE COURSE TO LEARN how to study. Address J. E. Harrison, Carthage, Mo.

\$1600-\$2300 YEAR. RAILWAY MAIL clerks. Specimen examination questions free. Franklin Institute, Dept. R-15, Rochester, N. Y.

EARN \$25 WEEKLY, SPARE TIME, WRITING for newspapers, magazines. Experience unnecessary. Details free. Press Syndicate, 547, St. Louis, Mo.

ALL MEN, WOMEN, BOYS, GIRLS, 17 TO 60, willing to accept Government positions, \$117-\$190, traveling and stationary, write Mr. Ozment, 167 St. Louis, immediately.

FINLAY ENGINEERING COLLEGE, K. C., Mo. Electricity, Steam, Armature Windings, Auto-Electric, Drafting. 6 weeks to 2 years. Day and night. Enroll now. Write for catalog.

THE GOLDEN BOOK—MISCELLANEOUS historical data of the Wanamaker business up to 1911, in bound book form, of probable interest to business schools and young business people, will be furnished on request, in quantities up to one hundred, expressage collect. Address, Wanamaker's Philadelphia, Pa.

WELL DRILLS

BIG MONEY IN DRILLING WELLS. Write for free catalog to Stephen Ferguson, Fayetteville, Ark.

PATENT ATTORNEYS

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

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

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. Patent Dept. 402, American Industries, Inc., Washington, D. C.

PATENTS PROCURED; TRADE MARKS registered—a comprehensive, experienced, prompt service for the protection and development of your ideas. Preliminary advice gladly furnished without charge. Booklet of information and form for disclosing idea on request. Richard B. Owen, 34 Owen Bldg., Washington, D. C.

TOBACCO

TOBACCO—KENTUCKY'S PRIDE, RICH, mellow chewing, ten pounds \$3; smoking, ten pounds \$2; twenty pounds \$3.50. Farmers Club, Mayfield, Ky.

KENTUCKY NATURAL LEAF TOBACCO. Chewing 5 pounds \$1.75; 10 pounds \$3.00; 20 pounds \$5.25. Smoking 5 pounds \$1.25; 10 pounds \$2.00. Send no money. Pay when received. Farmers Co-operative Tobacco Union, Paducah, Ky.

MACHINERY FOR SALE OR TRADE

FEW BULL TRACTORS, REPAIR PARTS. S. B. Vaughan, Newton, Kan.

20x30 NEW RACINE SEPARATOR. Nearly new. S. D. Wood, Chapman, Kan.

40-50 REEVES PLOWING, THRESHING tractor, like new. Joseph Mallir, Wilson, Kan.

25-50 AVERY TRACTOR, 32 AVERY SEPARATOR. Good shape. E. H. Ebert, Alexander, Kan.

FOR SALE—15-20 OIL PULL, 18 H. P. Advance steam engine. Real bargains. Fred Heckel, Alden, Kan.

FOR SALE—ADVANCE RUMELY SEPARATOR 28x44. Threshed 40,000 bushels. Address Edwards Ranch, Bigelow, Kan.

FOR SALE: USED GAAR-SCOTT 22 H. P. steam engine, at Menlo, Kan. Write A. J. Hunt, Conway, McPherson Co., Kan.

FORDSON AND PLOWS, 20x32 NEW Racine Separator, nearly new, sell all or any one. Terms, Harry Leight, Coolidge, Kan.

18 H. STEAM ENGINE AND SAW MILL in good running order, drive belt included, for \$600.00. Stratton & Curry, Emporia, Kan.

GOOD REBUILT MINNEAPOLIS 36x56, New 36x58 Case Double Peerless 20 H. P. A-1 shape, must sell. Wm. Strebel, Ingalls, Kan.

5 REBUILT ALAMO FARM LIGHT PLANTS new batteries; two hundred seventy-five dollars each. Independent Electric Machinery Co., Kansas City, Mo.

FOR SALE: ONE SET OF 56 DELCO Light Batteries used three months, guaranteed to be in first class condition. Address W. F. Bechtold, Otero, Kan.

FOR SALE—ONE COMPLETE RUMELY threshing outfit, consisting of a 16-20 engine and 28x44 separator, first class condition, \$1,250.00. A. L. Baxter, Ottawa, Kan.

TWO NEW FOUR-WHEEL DRIVE TRACTORS 20-35 H. P., list price \$2,000; to close our will sell for one-half price. Terms to responsible party. Full information to any one interested. Farmer Auto Company, 1104 Frederick Ave., St. Joseph, Mo.

FOR SALE: ONE 20-30, ONE 20-40, and two 16-30's, all Rumely Oil Pull Tractors; two 28x44 Rumely separators, one 28-44 Sawyer-Massey separator; also some steam engines and one 30-40 Huber tractor. All priced to sell. Wakefield Motor Co., Wakefield, Kan.

AUTO SUPPLIES

NEW AND USED AUTO PARTS. TELL US what you want—we have it or will get it for you at a discount of 50 per cent to 95 per cent; all orders given immediate attention; used parts are given rigid inspection before shipment; all parts shipped subject to your inspection; you assume no responsibility in ordering from us as we pay all transportation charges if you are not satisfied. Southwest Auto Parts Co., 117 Southwest Blvd., Kansas City, Mo.

WANT TO BUY

SEEDS WANTED—WE BUY CAR LOTS OR less. Alfalfa, clovers, cane, millet, Sudan. Send samples for bids. Ed F. Mangelsdorf & Bros., Wholesale Feed Seeds, St. Louis, Mo.

KODAK FINISHING

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

TYPEWRITERS

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

HONEY

COMB HONEY, No. 1, \$3.25; No. 2, \$2.40 per case of 24 sections. McLisde Apiary, Mount Hope, Kan.

PURE EXTRACTED HONEY, 10 LBS. \$2.00; 5 lbs. \$1.10, prepaid. Frank Van Haltern, Wathena, Kan.

FINEST LIGHT EXTRACTED HONEY 38 lb. can \$2.50; 50-lb. \$4.50; 120-lb. \$12.00; here. Frank H. Drexel & Sons, beekeepers, Crawford, Colo.

SEEDS—PLANTS—NURSERY STOCK

SUDAN GRASS SEED, RECLEANED, \$15.00 cwt. Paul Gould, Dodge City, Kan.

PURE PINK KAFIR, \$1.50 PER BUSHEL. Certified. Grover Lee, Pratt, Kan.

PRIME ALFALFA, \$7.00 BU.; PRIME Sweet clover, \$6.50 bu.; prime Red clover, \$10 bu.; prime Timothy, \$3.00 bu.; Sudan grass, \$6.00 bu. Bags free. F. O. B. Kansas City. Standard Seed Company, Kansas City, Mo.

PRIDE OF SALINE SEED CORN, \$2.00. Carl Stirtz, Abilene, Kan.

KAFIR SEED: SUNRISE, PURE, HIGH germination. D. E. Hull, Eldorado, Kan.

PURE GOLDMINE SEED CORN, \$2.00 per bushel. J. F. Feigley, Enterprise, Kan.

SEED SWEET POTATOES, 16 VARIETIES. Write for prices. Johnson Bros., Wamego, Kan.

VICTORY SORGHUM SEED: GREATEST sorghum known. W. R. Huston, Americus, Kan.

SOY BEANS, INOCULATED, PEAKON, \$3.00 bushel, sacked. Len Thomas, Humboldt, Kan.

SWEET CLOVER, WHITE BIENNIAL, hulled, \$8 bushel; alfalfa \$8, recleaned; sacks 35 cents. Robert Snodgrass, Augusta, Kan.

BLACKHULL WHITE KAFIR SEED, \$2.50 hundred. Sacks furnished. Joe Timmons, Hoxie, Kan.

RED CLOVER—GOOD, RECLEANED SEED at \$10.50 per bushel. D. O. Gifford, Burlington, Kan.

SEED CORN, REID'S AND RED, CERTIFIED pure, germination 100. Laptad Stock Farm, Lawrence, Kan.

EARLY CERTIFIED FREED'S WHITE Dent seed corn, \$2.00 per bushel. Bruce S. Wilson, Keats, Kan.

PRIDE OF SALINE AND COMMERCIAL White seed corn, \$2.00 per bushel. C. C. Cunningham, Eldorado, Kan.

SILVERMINE WHITE SEED CORN, shelled and graded, \$1.50 bushel. Send sacks. Wm. Griffie, Marysville, Kan.

FOR SALE—EXTRA FINE SUDAN SEED, 13 cents per pound recleaned, F. O. B. Assaria Hardware Co., Assaria, Kansas.

KLECKLEY SWEET WATERMELON SEED, 50c pound; Black Spanish Broom Corn, \$2.00 bushel. Pure Seed Co., Rolla, Kan.

WHIPPOORWILL AND NEW ERA COW peas for sale; next 30 days \$3.50 per bushel. F. O. B. Hunnewell, Kan. E. T. Jennings.

KANSAS ORANGE CANE SEED, LAST year's crop and of high germination, \$2.25 per bushel, sacks free. Friessen Grain Co., Lehigh, Kan.

WATERMELON SEED: GENUINE WATSON, Kleckley and Halberts, 55 cents per pound, prepaid. Tucker Bros., Box 734, Wichita, Kan.

CANE SEED \$2.00 PER BUSHEL: SUDAN \$14.00 cwt., Kafir \$1.35 bushel, Millet \$1.35 per bushel, sacks furnished. Holzer Produce Co., Russell, Kan.

WATERMELON SEED: TOM WATSON, guaranteed pure, germination test of 91% by State Seed Laboratory, 70c per pound Chas. Lamkins, Sawyer, Kan.

KAFIR—DWARF BLACK HULL AND SUN Rice; pure, tested, recleaned, \$1.65 bushel. Sumac \$3.00 bushel; Orange Cane \$2.00 bushel. Sax free. John A. McAllister, Russell, Kan.

DEPENDABLE FRUIT AND SHADE trees, shrubbery, small fruits, roses, vines, perennials, plants, bulbs and supplies. 44 page catalog free. Hutchinson Nurseries, Kearney, Neb.

450 DUNLAP STRAWBERRY PLANTS \$1.00; 100 asparagus plants \$1.00; 100 Kansas black raspberry \$2.00; 20 rhubarb plants \$1.00, prepaid. Albert Pine, Route 6, Lawrence, Kan.

SCARBOROUGH DWARF BROOM CORN SEED \$5.00; Black Seeded Standard \$3.00; White and Red Milo, Kafir, \$3.00; Amber and Orange \$4.00; Sumac \$5.00; all per 100 pounds. Claycomb Seed Store, Guyman, Okla.

PLANTS: FLOWER, VEGETABLE, VINE, bulb plants; choicest varieties, expert grown, delivered you at planting time, mail or express prepaid. Send name for circular. Weavers Gardens, R. 9, Wichita, Kan.

PASTURE: SWEET CLOVER IS AS NUTRITIOUS as alfalfa; permanent, yields tremendously, unequalled, cheap. Information free. Sow on wheat or oats up till alfalfa sowing time. John Lewis, Virgil, Kan.

MIXED CANNA BULBS: DOZEN 50c; 50-100. Second year Hollyhocks, dozen 25c; 50-100. Postpaid. Eighty kinds vegetable and flowering plants. Send for price booklet. John Patzel, 501 Paramore, N. Topeka, Kan.

SUDAN GRASS SEED—WHEELER'S improved, certified, pure, germination 95%, bushel measure 50 lbs., recleaned, sacked, F. O. B. \$14.00 per cwt. Carl Wheeler, Bridgeport, Kan. Free booklet and sample on request.

HAUPT DEWBERRY BEARS ENORMOUSLY; highest flavored berries; stands severest cold; grows on poorest soil; two weeks earlier than harvest blackberry. Write for prices and description. T. B. Miller, Springdale, Ark.

WESTERN KANSAS SEEDS, DROUTH resisting. Recleaned choice Sudan \$15.00 cwt. Feterita \$3.00 cwt. Maize \$3.00 cwt. F. O. B. Dodge City. All kinds corn, alfalfa, cane, millet, kafir. Dodge City Seed Co., Dodge City, Kan.

RECLEANED CANE SEED, WELL MATURED. Ready to plant. 400 bushel Sourfess, \$2.00 per bu. 400 bushel Red Amber, \$1.75 per bu. Sacks free. Also \$150 bushel extra fine African drouth resistant Kafir, \$1.50 per bushel. W. H. Shattuck, Ashland, Kan.

Sold Out

"Please discontinue our Kanota Oat seed ad as we are entirely sold out."—J. H. T.

SEEDS—PLANTS—NURSERY STOCK

ALFALFA SEED: RECLEANED, NON-IRrigated at \$9.00-\$10.50 and \$12.00 per bu. White Bloom Sweet Clover \$7.50, scarified \$8.40 per bu., our track, bags 40c. All kinds kaffir, cane, millet and flax. Samples on request. The L. C. Adam Merc. Co., Cedarvale, Kan.

MANHATTAN NURSERY, TOPEKA, KAN. Warren Cranston & Son. Same management since 1915. Established 1899. Dealers in Certified Nursery Stock. Apples 4 to 6 feet, 35c; 3 for \$1. Concord grapes, 10c; 12 for \$1. Rosebushes, 2-year vines, 35c; 3 for \$1. For other low prices, write for price list, giving description and prices of over 160 varieties.

FOR THE TABLE

PEANUTS—10 QTS. \$1.00, POSTAGE PAID. W. A. Morrison, Hagerman, Texas.

5 1/2 POUNDS FULL CREAM CHEESE \$1.65. Postpaid in Kansas. Roy C. Paul, Moran, Kan.

BEST RECLEANED SPLIT PINTO BEANS we have had, \$4.00 per 100. Jackson's Seed House, Woodward, Okla.

MISCELLANEOUS

NEVER FAILING FISTULA REMEDY, guaranteed. Steele & Company, Abilene, Kan.

BINDER TWINE, GET OUR PRICES ON first, class twine. Kansas Grange Business Assn., Produce Ex. Bldg., Kansas City, Mo.

HANDY JACK, ONE MAN CHANGES heaviest racks, boxes, etc., from ground onto wagon and off. F. Lovering, Fremont, Neb.

AUTOMOBILE MECHANICS, OWNERS, garagemen, repairmen, send for free copy America's Popular Motor Magazine. Contains helpful instructive information on overhauling, ignition, wiring, carburetors, batteries, etc. Automobile Digest, 622 Butler Bldg., Cincinnati.

DOGS AND PONIES

BOSTON BULL TERRIER PUPPIES, 6 weeks old. Frank Elliott, Onaga, Kan.

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

FOX TERRIERS, REGISTERED, MALES, \$10; females, \$8.50. Sunnycrest Kennels, Brownell, Kan.

BEST STOCK DOGS: HALF COLLIE, HALF English Shepherd. Pups \$2.00 and \$5.00 each. Chas. Wajle, Pleasanton, Kan.

GERMAN SHEPHERD; AIREDALERS; COLLIES; Old English Shepherd dogs; puppies. 10c illustrated instructive list. W. R. Watson, Box 31, Macon, Mo.

PEDIGREED AIREDALE PUPPIES; Sired by Jack, who was sired by Robert's Director, winner at Springfield, Ill., over all ages. Males \$12.00, females \$8.00. Age 2 months. Extra fine. C. R. Main, Caldwell, Kan.

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

SHEPARD STRAIN ANCONA CHICKS \$12; eggs \$6, prepaid. Live delivery and satisfaction guaranteed. Maude Henkle, Le Roy, Kansas.

FREE APRIL OFFER, YEARLING AND eight-week Anconas. Winners Holton, Seneca, Topeka. Fifty eggs \$4.00. C. Per Lee, Holton, Kan.

IMPORTED AND SHEPARD STRAIN DIRECT, best laying strain. Eggs \$1.00 per 15, \$6.00 per 100. Satisfaction guaranteed. Shem Yoder, Yoder, Kan.

SINGLE COMB ANCONAS, SHEPARD direct foundation. Choice range flock, chicks 100-\$16.00; eggs 100-\$6.00. Prepaid. Safe delivery. Jno. R. Baker, Downs, Kan.

STEWART'S ANCONAS: RANGE FLOCK eggs \$1.50 per setting, \$7.00 per 100; \$6.50 per 100 in case lots, prepaid; safe arrival; 90 per cent fertility. Chicks \$16.00 per 100. Ray E. Stewart, Sylvan Grove, Kan.

PAGE'S ANCONA DOPE TELLS WHY WE quit all other breeds. Card brings it. Cockerels and eggs reasonable. Liberal guarantee. Take time to read this literature before you order. Member both clubs. Ancona Page, Salina, Kan.

Ancona—Eggs

SHEPARD ANCONA EGGS, \$5.00-100. Mrs. J. F. Ott, Virgil, Kan.

SHEPARD'S ANCONAS, EGGS \$4.75-100, prepaid. Mrs. Anton Friska, Hanover, Kan.

S. C. ANCONA EGGS, GOOD LAYERS, \$4.75-100 prepaid. C. D. Glenn, Sawyer, Kan.

SINGLE COMB ANCONA AND ROSE COMB Rhode Island Red eggs, \$1.50-15. Mary Kealy, Dunlap, Kan.

CERTIFIED ANCONA EGGS, \$1.25-15, \$6-100. Baby chicks 20c, prepaid. V. E. Seewald, Le Roy, Kan.

PURE SHEPARD'S STRAIN SINGLE Comb Mottled Anconas. Selected eggs, \$3-100. Martha Greenwood, Clifton, Kan.

SINGLE COMB ANCONA EGGS, \$1.00 PER setting, \$5.00 per hundred, from healthy flock of high producers. Cecile McGuire, Pratt, Kan.

S. C. ANCONAS, SHEPARD'S STRAIN, trapnested, 100 eggs \$5, 50-\$3; 15-\$1.25. Also pure bred White Rock eggs. Edward Larson, Chanute, Kan.

BANTAMS

BUFF COCHIN EGGS TEN CENTS EACH. L. V. Carr, Garden City, Kan.

GOLDEN SEABRIGHT BANTAM COCKERS, \$1.25. G. D. Willems, Inman, Kan.

BUFF COCHIN BANTAM EGGS, \$1.50 FOR fifteen. Albert Kammer, Garden City, Kan.

Andalusian—Eggs

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BUFF ORPINGTON EGGS, \$4.50-100, POSTPAID. Anna Catherwood, Anthony, Kan.

BUFF ORPINGTON EGGS, BYERS STRAIN, \$1.50 per 15; \$6.00 per 100. Sadie Otis, Wilsey, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, \$4.75-100, prepaid. Mrs. Mabel Marshall, Clifton, Kan.

S. C. WHITE ORPINGTON EGGS; \$1.50-15, \$6.00-100, prepaid. Mrs. Wm. Imhoff, Hanover, Kan.

FRESH EGGS 5 CENTS EACH, POSTPAID. Pure Buff Orpingtons. Mrs. J. F. Zeller, Manning, Kan.

BUFF ORPINGTONS. EGGS FOR HATCHING. Write for mating list. J. A. Kauffman, Abilene, Kan.

BUFF ORPINGTON EGGS: FREE RANGE, winter layers, \$6.00 per 100. D. H. Wenger, Peabody, Kan.

CEDARGATES FARM BUFF ORPINGTONS, selected layers. Eggs \$5.00-100. R. D. Wyckoff, Luray, Kan.

PURE BRED BUFF ORPINGTON EGGS, range flock, \$5.00 hundred. Chalmers Sloan, Mullinville, Kan.

PURE S. C. BUFF ORPINGTONS. GOOD layers. \$4.75-100, \$1.00-15, prepaid. Elmer Graves, Clifton, Kan.

PENNINGTON STRAIN SINGLE COMB Buff Orpington eggs, \$5.00 hundred. Russell Welter, Grantville, Kan.

BUFF ORPINGTON EGGS. HEALTHY range flock, 15-125; 100-30.00, prepaid. Mrs. Joe Hawks, Hiawatha, Kan.

PURE BRED SINGLE COMB BUFF ORPINGTON EGGS, \$5.50 per hundred, prepaid. Mrs. George McAdam, Holton, Kan.

BYERS STRAIN BUFF ORPINGTON EGGS, \$5.00 per hundred. Baby chicks 15c each. J. R. Slentz, Chase, Kan.

PURE BRED SINGLE COMB WHITE ORPINGTON EGGS, Kellerstrass strain. Farm range, \$6.00-100. Louis Metzger, Haddam, Kan.

SINGLE COMB BUFF ORPINGTON EGGS, from heavy winter layers, large birds, free range, \$6.00 per hundred prepaid. E. J. Stafford, Marion, Kan.

BUFF ORPINGTON EGGS. BEAUTIFUL flock, professionally culled, fine layers. \$6-25, 100-\$5.50 prepaid. Mrs. Elsie Welter, Flush, Kan.

SINGLE COMB BUFF ORPINGTONS, carefully bred 13 years. Prize winners. Eggs, 100-\$8.00; 15-\$1.50, prepaid. Olive Carter, Mankato, Kan.

WHITE ORPINGTON EGGS AND STOCK from Blue Ribbon winners and high production sires. Mating list. H. M. Goodrich, 712 Topeka Avenue, Topeka, Kan.

BUFF ORPINGTONS. OWEN'S DIRECT Big winners in Kansas' largest shows. Eggs \$2.00-15, \$10.00-100. Prepaid. Guarantee good hatch. Mrs. Harvey Steele, Wamego, Kan.

BUFF ORPINGTON EGGS. \$6.00 PER hundred, prepaid. Baby chicks 17 cents. Range stock. Golda Leonard, Route 2, Emporia, Kan.

SINGLE COMB BUFF ORPINGTON EGGS. Byer strain hens mated to Cook's prize winning cockerels. Hogan tested. 15-125, 50-32.50, 100-36.00, prepaid. Will Suberly, Kanopolis, Kan.

S. C. BUFF ORPINGTON EGGS, FROM large even buff stock. All cockerels used for mating are absolutely solid buff throughout. 15-32.00, 50-34.50; 100-38.00. Few good cockerels left. Mrs. Perry Higley, Cummings, Kan.

MINORCAS

LARGE TYPE S. C. BLACK MINORCAS. Eggs 100-\$6.00; chicks \$15.00. Herbert Rhodes, Clifton, Kan.

Minorca—Eggs

SINGLE COMB BLACK MINORCA EGGS, five dollars per hundred. H. H. Dunlap, Liberal, Kan.

BOTH COMBS, WHITE MINORCAS; EGGS \$7.50-100. Susie Johnson, Route 1, Box 29, Isabella, Okla.

PURE GIANT STRAIN SINGLE COMB Black Minorca eggs \$6.00-100. Martha Greenwood, Clifton, Kan.

PLYMOUTH ROCKS

FINE WHITE ROCKS. EGGS 100-\$5.00; Chicks, 15 cents. Mrs. John Hoornebeck, Winfield, Kan.

BARRED ROCKS—RINGLETS; STOCK, eggs, pens, range, circular free. Dr. McCosh, Randolph, Kan.

BARRED PLYMOUTH ROCK COCKERELS, hatching eggs. Thompson strain. Mrs. Gus Bruno, Lawrence, Kan.

PURE BRED WHITE ROCK COCKERELS \$3.00; eggs 100-\$6.00, 15-\$1.00. Mrs. Elwin Dale, Eureka, Kan.

PURE BRED BARRED ROCKS, PARKS 200 egg strain. Cockerels, Eggs. Catalogue. Gem Poultry Farm, Haven, Kan.

EXTRA QUALITY EXHIBITION AND breeding Barred Rocks. 10 cocks, 30 cockerels, \$3.00 to \$6.00. Eggs \$1.50-15; \$6.00-100. Mating list free. C. C. White, Box 461, Seneca, Kan.

BARRED ROCKS, DEEP BARRING, EGG producing type. Matings 15-\$5.00. Selected range 15-\$2.00, 100-\$6.00. Hens, cockerels, \$3.00. Mrs. J. B. Jones, Abilene, Kan.

ARISTOCRAT BARRED ROCKS, 67 PRIZES past season. Eggs \$5.00 per 15. Light or dark pens headed by 6 males direct from Holtermann. Utility eggs \$6.00 per 100. Cockerels \$2.50 to \$5.00. Dr. Hinchley, Barnard, Kan.

EGGS AND CHICKS FROM THE LARGEST Imperial Ringlet Barred Plymouth Rocks in Kansas. Eggs 15-\$2.00, 50-\$6.00, 100-\$10.00. Chicks 25-\$7.00, 50-\$12.00, 100-\$20.00. A. L. Hook, North Willow Poultry Ranch, Coffeyville, Kan.

RINGLET BARRED ROCKS FROM pure E. B. Thompson males and high grade Thompson hens, healthy, excellent laying stock. 100-\$6.00, 50-\$3.50, 15-\$2.00. Baby chicks, 15 cents each. Emma Mueller, Route 2, Humboldt, Kan.

Plymouth Rock—Eggs

BUFF ROCK EGGS, 100-\$5.00. John Melnbruch, Morrill, Kan.

WHITE ROCK EGGS, \$5.00 HUNDRED. Frank Selle, Preston, Kan.

WHITE ROCK EGGS, \$5.00-100. MRS. Verna Bowser, Abilene, Kan.

WHITE ROCK EGGS, \$5.00 HUNDRED. Frank Skalicky, Wilson, Kan.

PURE BUFF ROCK EGGS. 15-\$1.50, 100-\$6.00. Myrtle Ballaw, Almena, Kan.

EGGS: ARISTOCRAT BARRED ROCKS. 15-\$1.75. M. Moras, Cheney, Kan.

BUFF ROCKS; 15-\$1.50, 50-\$4.50, 100-\$7.00. Lydia McNulty, Moline, Kan.

RINGLET BARRED ROCK EGGS, 100-\$6.00, prepaid. J. O. Engle, Burlington, Kan.

RINGLET BARRED ROCK EGGS, \$6.00 PER 100 post paid. Homer Perry, Clyde, Kan.

100 BUFF ROCK EGGS \$5.00, 50-\$2.75. Mrs. Maggie E. Stevens, Humboldt, Kan.

BARRED ROCK EGGS, 15-\$1.50; 50-\$3.50; 100-\$6.00. Sylvan Miller, Humboldt, Kan.

BUFF ROCK EGGS, GOLDEN RULE strain. William A. Hess, Humboldt, Kan.

BARRED ROCK LAYERS. 15 EGGS POSTPAID \$1.00. Mrs. T. O. Owen, Toronto, Kan.

PURE WHITE ROCK EGGS FROM CULLED flock, \$4.00-100. Irvin Kreutziger, Marion, Kan.

WHITE ROCK EGGS, \$5.50-100; 15-\$1.00, postpaid. Mrs. Ferdinand Wagner, Onaga, Kan.

WHITE ROCKS, HEAVY LAYING STRAIN. Eggs \$1.25-15; \$6.00-100. Ira Morris, Eldon, Kan.

DARK BARRED ROCKS, PURE ARISTOCRAT. Eggs \$5.00 per 15. Walter Bros., Lane, Kan.

PURE BRED BARRED ROCK EGGS, 75c-15, \$4.00-100. Mrs. A. C. Mauzey, Cummings, Kan.

WHITE ROCK EGGS \$5.00 HUNDRED. Chicks fifteen. Frank Applebaugh, Cherryvale, Kan.

BUFF ROCKS. PRIZE STRAIN. EGGS: setting \$1.25, 100-\$6.50. Mrs. Robt. Hall, Neodesha, Kan.

PURE BRED BUFF ROCK EGGS, RANGE flock, \$5.00-100, \$3.00-50. Peter Davies, Osage City, Kan.

ARISTOCRAT BARRED ROCK EGGS, 15-\$1.00; 50-\$3.00. Prepaid. Mrs. T. E. Anderson, Kincaid, Kan.

WHITE ROCK EGGS, 100-\$5.00. CHICKS, 12 cents each, prepaid. Mrs. Theodore Stefan, Broughton, Kan.

WHITE ROCKS FOR TWENTY YEARS. Eggs \$1.25-15, \$2.25-30, postpaid. J. C. Bostwick, Hoyt, Kan.

RINGLET BARRED ROCK EGGS, \$5.00-100; chicks 15c each, prepaid. Mrs. Lynn Bailey, Lyndon, Kan.

PARK'S LARGE BARRED ROCKS, HEAVY layers, \$4.00-100. Baby chicks. Mrs. Roy Pierce, Linwood, Kan.

WHITE ROCK EGGS COCKERELS WITH 200 egg record and over \$4.00-100. David Loewen, Hillsboro, Kan.

BUFF ROCK EGGS, \$2.00-15, \$5.00-50, \$8.00-100. Exhibition, egg laying qualities. Emory Small, Wilson, Kan.

BUFF ROCKS TWENTY ONE YEARS. Eggs \$6.00 hundred, \$3.00 fifty. Mrs. Homer Davis, Walton, Kan.

PURE BRED WHITE ROCK EGGS, \$5.00-100. Especially culled for laying. Mrs. F. W. Paulsen, Beloit, Kan.

BARRED ROCK, LARGE BONE, YELLOW legs, heavy laying; 100 eggs \$5.00. Mrs. Lewis G. Olson, Dwight, Kan.

Plymouth Rock—Eggs

CERTIFIED CLASS B WHITE ROCK EGGS \$6.00-100. Write for prices on chix. Mrs. James McCreath, White City, Kan.

WHITE ROCK EGGS, DRUMS' WINTER lay, 200 egg strain, \$1.00-15, \$5.00-100. Mrs. Frank Sutter, Effingham, Kan.

WHITE ROCK EGGS. FLOCK HEADED by cockerels with over 200 egg record. \$4.00-100. C. L. Loewen, Hillsboro, Kan.

WHITE ROCK EGGS FROM CERTIFIED flock, Grade A, 15-\$2.00, 50-\$4.00, 100-\$7.00. J. R. Applebaugh, Cherryvale, Kan.

ARISTOCRAT BARRED ROCK EGGS, light; pen \$1.50-15, \$4.00-45. Utility \$5.00-100. Nealla Huckstadt, Garden City, Kan.

WHITE ROCKS EXCLUSIVELY. FARM range. Heavy laying strain. Eggs \$6.00 per hundred. Mrs. Sam Lash, Abilene, Kan.

WHITE ROCK EGGS, 100-\$6.00. HEAVY laying flock headed by 10 and 13 pound males. Fishel direct. A. E. Basye, Coats, Kan.

PURE BUFF ROCK EGGS. PRIZE WINNING stock, weight to 8 1/2 lbs. \$6.00-100. Baby chicks 15c. Mrs. Hedgespeth, Wilsey, Kan.

IMPERIAL RINGLET BARRED ROCKS. Trapnested, dark line. 15-\$1.60, 50-\$3.50, 100-\$6.00. Postpaid. E. B. Dorman, Paola, Kan.

BARRED ROCKS—BRADLEY STRAIN. Large bone, yellow legs, layers. 100 eggs \$6.00, 15-\$1.25. Mrs. Ira Ennis, Abilene, Kan.

20 YEARS RAISING BARRED ROCKS. Layers. Hatching eggs 100-\$5.00, prepaid. Satisfaction guaranteed. Frank Hall, Toronto, Kan.

BARRED ROCK EGGS, WINTER LAYERS; utility 15-\$1.50, 100-\$6.00. Matings 15-\$5.00. Chicks. Circular. C. C. Lindamood, Walton, Kan.

GENUINE RINGLET BARRED PLYMOUTH Rock eggs, thirty \$3.30, sixty \$6.00, hundred \$9.00. Harper Lake Poultry Farm, Jamestown, Kan.

WHITE ROCKS. TWENTY-TWO YEARS selective breeding. 100 eggs \$6.00, 50-\$3.50, 15-\$1.25, postpaid. Bracken Fogle, Williamsburg, Kan.

PURE BARRED ROCK EGGS, SELECTED, heavy winter layers. Range, fifteen \$1.00, fifty \$3.00, hundred \$5.00 postpaid. G. C. Dresher, Canton, Kan.

PURE BRED FISHEL STRAIN WHITE Rocks, farm range; cockerels direct from Fishel. 50-eggs \$2.50, 100-\$4.50. Emma Kanberger, Eudora, Kan.

PURE BUFF ROCKS, BRED FROM CHICAGO, Milwaukee, and Topeka winners. Eggs 15-\$1.75, 50-\$4.00, 100-\$7.00. Mrs. C. N. Mason, Uniontown, Kan.

BARRED ROCK EGGS FOR HATCHING. On receipt of \$1.35 we will mail one setting of eggs from our high grade flock. Ben B. Perry, Jarballo, Kan.

BARRED ROCKS, PURE BRED, PRIZE winners and egg producers. Eggs prepaid, \$1.25 per 15, \$3.00 per 50, \$5.50 per 100. Mrs. James Dilley, Battlo, Kan.

BUFF ROCK EGGS FROM LAYING strain for sale. \$6.00-100, \$3.50 for 50. Headed by cockerels costing 25 cents an egg. Clarence Malen, Lewis, Kan.

BARRED AND WHITE ROCK EGGS FOR hatching. Fine layers. \$2.00 per 15 delivered. Suburban Poultry Farm, Frank Nevin, 7830 Washington Street, Kansas City, Mo.

PURE BRED WHITE ROCKS. SEVEN years exclusive breeding. Farm range. Eggs \$6.00 per 100, \$3.50 per 50, \$1.25 per 15. Mrs. Dode McMillin, Route 4, Quenemo, Kan.

SELECTED WHITE ROCK HENS FROM 200 egg trapnested ancestors, again mated to males with records of over 200 eggs. \$5.00-100, \$1.50-15. H. C. Loewen, Peabody, Kan.

WHITE ROCKS, BRED TO LAY. WINNERS at Kansas State Show. Eggs \$2.50-15, \$10.00-100. Chicks \$20.00-100. Satisfaction guaranteed. Albert Helt, Parsons, Kan.

PURE BARRED ROCKS—BRED FOR SIZE, barring, eggs, large bone. Eggs 100-\$6.00, 200-\$11.00, 15-\$1.00. Choice pen; male, Bradley direct, 15-\$5.00. Mrs. S. VanScyoc, Oak Hill, Kan.

PURE BRED BRADLEY BARRED ROCKS. Year around layers, large bone, fine barring. Eggs \$1.00-15; \$3.00-50; \$5.00-100, prepaid. Chicks, 20c. Mrs. O. R. Shields, Clifton, Kan.

PURE BRED, HIGH PRODUCING WHITE Rocks. Sixteen years selective breeding. Eggs \$1.50 per 15; \$6.00 per 100, prepaid. Baby chicks 15c. H. L. White, Route 6, Independence, Kan.

WHITE ROCKS WITH EXHIBITION TRAP-nested ancestry. Pen eggs, best layers, \$2.50; blue ribbon winners \$3.00-15 or larger lots. Range \$7.50-100, prepaid. Charles Blackwelder, Isabel, Kan.

BUFF PLYMOUTH ROCK EGGS, STOCK bred from first prize winners Chicago. Kansas City, World's Fair. \$3 per fifteen, \$10 per hundred. Established twenty years. Catalog free. C. R. Baker, Abilene, Kan.

IMPERIAL RINGLET BARRED ROCKS direct from E. B. Thompson. Free range farm flock eggs 100-\$7.00, 50-\$3.50, 15-\$1.50 postpaid. Quality, fertility, safe delivery guaranteed. D. A. Rodgers, Concordia, Kan.

BUFF ROCK CERTIFIED FLOCK: champion and blue ribbon winner at leading shows of Nebraska, Missouri, Oklahoma and Kansas. Fertility, safe delivery guaranteed. Eggs \$4-45. Ideal Poultry Farm, Concordia, Kan.

RHODE ISLANDS

COCKERELS—SINGLE COMB REDS. A few choice—single birds left, \$3.00 and up. Boyd & Graham, 1925 Bolles Avenue, Topeka, Kan.

CROSS BAR FARM S. C. REDS. EXHIBITION egg strain, state certified color. Special cock birds Olaf 1923. Ray Goodloe, Olathe, Kan.

HARRISON'S IMPROVED STANDARD bred Reds. Either comb. Cockerels, eggs, and chicks. Get Red Breeders' Bulletin. Harrison Red Farms, College View, Neb.

HEAVY BONED DARK RED ROSE COMB Reds. Tested. Laying strain. Have bred them 20 years. Cockerels \$2.50 and up. Describe markings wanted. Your money back if dissatisfied. Pullets, eggs. Highland Farm, Hedrick, Iowa.

Rhode Island—Eggs

SINGLE COMB REDS; 100 EGGS \$5.00. Gertrude Haynes, Grantville, Kan.

ROSE COMB RHODE ISLAND EGGS, 100-\$5.00. W. L. Horton, Madison, Kan.

ROSE COMB REDS, 100 EGGS \$6.00, 50-\$3.50, postpaid. Clark Isonagle, Winfield, Kan.

LARGE BONED DARK ROSE COMB RED eggs, \$5.00-100. Lida Marsh, Deerhead, Kan.

PEN EGGS—R. I. REDS, BOTH COMBS, type and color. \$5.00 per 15. Henry Payton, Kinsley, Kan.

DARK ROSE COMB REDS, BEAN STRAIN. Eggs 100-\$7.00; 50-\$4.00. Mrs. D. W. Shipp, Belleville, Kan.

ROSE COMB R. I. WHITE EGGS, \$6.00-100; Chicks \$15.00-100, prepaid. Mrs. B. B. Koehn, Halstead, Kan.

WHITE ROSE COMB RHODE ISLAND eggs. Good egg strain. \$5.00 per 100. G. Pickard, Clyde, Kan.

S. C. REDS, HEAVY LAYERS. EGGS \$5.00 hundred. Chicks 12 cents each. Lettie Vining, Mahaska, Kan.

PURE BRED DARK ROSE COMB RED eggs, 30-\$2.50, 100-\$6.00. Chicks 15c. Lucy Ruppenthal, Lucas, Kan.

ROSE COMB RHODE ISLAND WHITE eggs, \$1.25 per 15; \$6.50 per 100. Clarence Hoffman, Preston, Kan.

ROSE COMB RHODE ISLAND WHITE Eggs, \$5.50 per 100, \$1.50 per 15, postpaid. Marvin Buell, Miltonvale, Kan.

ROSE COMB RED EGGS. LARGE, VEL-vety, Harrison strain. \$1.50-15, \$5.00-100. Melvin Whitehead, Walnut, Kan.

ROSE COMB RHODE ISLAND WHITE eggs, \$6.50-100. Mrs. Susie Johnson, Route 1, Box 29, Isabella, Okla.

EGGS \$4.00 PER HUNDRED. LARGE, Dark Single Comb Rhode Island Reds. Concordia, Kan. Bert Schwartz.

PURE BRED SINGLE COMB RHODE Island Red eggs, fifteen \$2.00, hundred, \$7.00. Vivien Hind, Madison, Kan.

SINGLE COMB RED EGGS, BIG BONE, heavy laying strain. \$5.00-100, \$3.00-50, \$1.00-15. H. F. Enz, Fredonia, Kan.

LARGE DARK SINGLE COMB (RICK-secker's) Reds, thrifty culled farm flock. Eggs 15-\$1.00. Mrs. Murdock, Lyndon, Kan.

ROSE COMB REDS, FREE RANGE, large, dark, heavy layers. Eggs 100-\$5.00. Pullets \$1.50. Hazel DeGeer, Deerhead, Kan.

HAVE BRED ROSE COMB REDS SIXTEEN years. Selected range flock. Hundred eggs \$6.00 postpaid. A. J. Turinsky, Barnes, Kan.

SINGLE COMB RHODE ISLAND RED eggs for hatching. \$6.00 hundred. From Baker strain. Mrs. Curtis Hutchens, Marion, Kan.

PURE BRED DARK ROSE COMB RED eggs, 100-\$6.00, 50-\$3.25. Free range. Postpaid. Mrs. Gerald Campbell, Broughton, Kan.

ROSE COMB RHODE ISLAND WHITE eggs \$5.00 hundred prepaid. Choice stock. Mrs. O. Nitecum, Route 5, North Topeka, Kan.

ROSE COMB REDS, MATED TO \$5.00 TO \$15.00 birds. Eggs 30-\$3.25; 50-\$4.50; 100-\$8.50. Good layers. W. R. Huston, Americus, Kan.

ROSE COMB RHODE ISLAND WHITES, \$8 per hundred. Reds \$5 per hundred. Flocks Hoganized. Martha Hirschler, Halstead, Kan.

LARGE DARK RED S. C. EGGS FROM prize winning panned stock, heavy layers, \$7.00 hundred postpaid. J. C. Day, Allen, Kan.

BIG, DARK RED ROSE COMB EGGS, \$6.00 per 100, prepaid. Heavy laying, closely culled flock. Mrs. Clyde Meyers, Fredonia, Kan.

ROSE COMB RHODE ISLAND WHITES. Excellent layers from prize stock. 200 eggs \$15.00, 100-\$8.00, 50-\$4.50. E. Bidleman, Kinsley, Kan.

EGGS SIX DOLLARS HUNDRED. LARGE dark red Rose Comb pure bred Rhode Island Reds. Prepaid, insured post. Mary Shields, Barnes, Kan.

PURE DARK RED ROSE COM

Rhode Island—Eggs

BIG, LONG, DARK REDS, ROSE COMB. Sunnyside Farm, Havensville, Kan.

REDS—BOTH COMBS DIRECT FROM Madison Square and Boston winners. Professionally mated. Rose Comb Whites, 298 record. Eggs, chicks. Catalog free. Life member American Poultry Association. Cyr's Poultry Farm, Clyde, Kan.

ROSE COMB, RED TO SKIN KIND. Selected by poultry judge for egg type, size, color. Cocks weighing to 11 lbs. hens to 9 1/2 lbs. Won first cock at Concordia, 15-1.50, 50-4.00, 100-7.00 prepaid. T. E. Brouillette, Miltonvale, Kan.

SICILIANS

SICILIAN BUTTERCUP EGGS. FANNIE Jones, Girard, Kan.

TURKEYS

BOURBON RED TOMS \$8.00. MRS. R. P. Sullivan, Effingham, Kan.

PURE BOURBON RED TOMS, \$7.50 EACH. Omer DaMetz, Harlan, Kan.

A FEW FINE GOLDBANK BRONZE TOMS left; \$10 to \$20. Minnie Snider, Piedmont, Kan.

PURE BRED GOLDBANK MAMMOTH Bronze 25-35 lb. toms, \$10-15. E. Gaughan, Earleton, Kan.

FLRE BRED MAMMOTH BRONZE TOMS, large boned, 18-25 lbs. \$8.00. Annie Hoffman, Ulysses, Kan.

TWO PURE BRED MAMMOTH BRONZE cockerels, 31 and 33 pounds, \$15.00. Mrs. James Aitken, Severy, Kan.

PURE BRED GOLDEN BRONZE PRIZE winner toms; 32 lbs. \$15, 28 lbs. \$10. Mrs. Fred Walter, Wallace, Neb.

Turkey—Eggs

MAMMOTH BRONZE EGGS, 11-15.00. Nealia Huckstadt, Garden City, Kan.

MAMMOTH BRONZE TURKEY EGGS \$4.00 for ten. Saloma Gabelmann, Natoma, Kan.

PURE WHITE HOLLAND TURKEY EGGS, 45c each. Mrs. Will Hopwood, Abilene, Kan.

BOURBON RED TURKEYS, FINEST stock; eggs \$5.00-11. Lida Marsh, Deerhead, Kan.

PURE WHITE HOLLAND TURKEY EGGS, \$5.00-12 post paid. Mrs. Herbert Rhodes, Clifton, Kan.

MAMMOTH BRONZE EGGS, BIRD BROS. stock, none better. 75 cents each. Mabel Salmans, Beeler, Kan.

BRONZE EGGS, FROM BIRD BROS. TOM. Hens bred from 50 lb. Tom. \$1.00 each. B. Ely, Kinsley, Kan.

BOURBON RED TURKEYS, CHOICEST stock. Eggs \$5.00 per 10. Mrs. Clyde Meyers, Fredonia, Kan.

BRONZE TURKEY AND TOULOUSE Geese eggs, 35 cents each. Mrs. Ernest King, Clay Center, Neb.

EXTRA DARK BOURBON-RED TURKEYS. Snow white markings. 45 pound tom. Eggs 11-15.00. Walter Baird, Deerhead, Kan.

PURE LARGE MAMMOTH BRONZE GOLD-bank turkey eggs, range bred, healthy, 50 cents each postpaid. Mrs. Nowowiejski, Kit Carson, Colo.

MAMMOTH GOLDBANK BRONZE TURkeys, from Madison Square, Chicago and St. Louis prize winners. Eggs \$1.00, 11 for \$10. E. Bidelman, Kinsley, Kan.

WILL YOU PLEASE BE JUDGE? I claim my flock of prize winning Bourbon Red Turkeys to be the best in the state; 16 pound pullets and 18 to 22 pound hens, headed by 40 pound tom, clear white tail and wings, \$7.00 setting prepaid. S. Pel-tier, Concordia, Kan.

WYANDOTTES

BEAUTIFUL SILVER WYANDOTTE cockerels. Eggs. Mrs. Edwin Shuff, Plevna, Kan.

WHITE WYANDOTTES. EGGS AND chicks from Regal Dorcas strain. Chicks 25-7.00, 50-12.00, 100-20.00. Eggs 15-2.00, 50-6.00, 100-10.00. A. L. Hook, North Willow Poultry Ranch, Coffeyville, Kan.

Wyandotte—Eggs

WHITE WYANDOTTE EGGS \$5.00-100. Mrs. O. O. Richards, Beverly, Kan.

WHITE WYANDOTTE EGGS, \$4.00 PER 100. Mrs. Anna Larson, White City, Kan.

PARTRIDGE WYANDOTTE EGGS, \$6.00 hundred, prepaid. Wm. Hebbard, Milan, Kan.

WHITE WYANDOTTE EGGS, \$1.50 PER 15, state certified. Mrs. Ella Beal, Colony, Kansas.

SILVER WYANDOTTES. HATCHING eggs guaranteed. A. Bretthauer, Bird City, Kan.

WHITE WYANDOTTE, MARTIN KEELER, eggs 15-1.00, 100-5.00. Wm. Booze, Fontana, Kan.

PURE COLUMBIAN WYANDOTTE EGGS, 15-1.00, 100-6.00 prepaid. H. E. Glantz, Bison, Kan.

REGAL WHITE WYANDOTTE EGGS. SEND for prices. Mrs. Gomer T. Davies, Concordia, Kan.

PURE SILVER LACED WYANDOTTE Eggs, \$5.00-100. Mrs. Will McEnaney, Seneca, Kan.

REGAL DORCAS WHITE WYANDOTTES. Cockerels. Eggs \$7.00-100. Ira Ives, Liberal, Kan.

BRED-TO-LAY WHITE WYANDOTTES: 15 eggs \$1.50, 100-5.00. J. Lilly, Westphalia, Kan.

COLUMBIAN WYANDOTTE EGGS, \$1.50 per 15, postpaid. O. C. Sharits, Box M, Newton, Kan.

WHITE WYANDOTTES, PRIZE WINNERS. Closely culled, \$4.00 per 100. Mrs. John Roger, Garnett, Kan.

KEELER STRAIN WHITE WYANDOTTES. Eggs 15-1.00, 100-6.00. Mrs. Roy Phillips, Manhattan, Kan.

MARTIN STRAIN WHITE WYANDOTTE eggs 15-1.00; 100-6.00, prepaid. Mrs. Ida Utz, Saffordville, Kan.

ROSE COMB WHITE WYANDOTTE eggs, state certified, \$5.00-100. Mrs. Otho Strahl, White City, Kan.

WHITE WYANDOTTES; EXTRA LAYERS. First pen prize stock, \$1.50 for 15; second \$6.00 per 100; range \$5.00. Mrs. I. C. Collins, Fontana, Kan.

Wyandotte—Eggs

WHITE WYANDOTTE EGGS, 100-55, prepaid. Angie Archer, Grenola, Kan.

TODD'S SILVER WYANDOTTE EGGS, \$1.25 per 15, prepaid. C. C. Abercrombie, Barnard, Kan.

WHITE WYANDOTTE EGGS FOR HATCHING; record layers. Catalog free. Mrs. A. J. Higgins, Effingham, Kan.

SILVER LACED WYANDOTTE EGGS, certified stock. \$2.00-15, \$5.00-100. Mrs. J. W. Thomas, Humboldt, Kan.

PURE BRED BUFF WYANDOTTE EGGS \$1.10 per setting, \$6.00 per hundred. Mrs. Blanche Marlar, Madison, Kan.

PLOCK'S WHITE WYANDOTTE FARM, Clay Center, Kan., Henrietta Strain; eggs \$8.00-100. Free mating list.

CHOICE PURE SILVER ROSE COMB WYandotte eggs; \$6.00-100, \$3.00-60, \$1.25-15. Prepaid. Mrs. A. Girard, Madison, Kan.

WHITE WYANDOTTE EGGS, MARTIN-Keelers direct; prize pen 15-3.00; range 100-6.00. H. O. Collins, Fontana, Kan.

WHITE WYANDOTTE EGGS FOR HATCHING. Keeler strain. \$1.00 per setting, \$6.00 per hundred. Ruby Barr, Wamego, Kan.

WHITE WYANDOTTE EGGS, \$1.50 PER 15, \$3.00 per 100. Prize winning stock. Martin-Keeler strain. E. J. Otto, Riley, Kan.

WHITE WYANDOTTE EGGS, CERTIFIED flock, Martins strain, \$3.00 per 15, \$8.00 per 100. E. S. Fleming, Route 9, Paola, Kan.

SILVER LACED WYANDOTTE EGGS. Prize winning stock, heavy layers. 30-2.50, 60-4.50. Mrs. Mary Stringer, Rt. 3, Lincoln, Neb.

WHITE WYANDOTTES, FISHEL EGG-A-Day strain. Eggs \$1.50 per 15, \$5.00 per 100. Baby chicks \$15.00 per 100. Cora Shields, Clifton, Kan.

SILVER WYANDOTTE EGGS, CULLED for quality and egg production; prize pen 15-3.00, range 100-6.00. Mrs. Arch Richards, Manhattan, Kan.

15 WHITE WYANDOTTE EGGS \$1.00, \$2.00, \$3.00; 100 eggs \$6.00. Choice Martin-Keeler, Fishel stock. Mating list. W. G. Young, Liberal, Kan.

PURE BRED WHITE WYANDOTTE EGGS for hatching, from high laying strain from first prize exhibition and utility flock birds. Write for prices. John Collister, Manhattan, Kan.

PRIZE WINNING REGAL STRAIN Direct White Wyandotte eggs; range \$8.00-100. Also baby chicks. Catalog free. Mrs. E. L. Carney, Marion, Kan.

PRIZE WINNING WHITE WYANDOTTES. Extra winter layers. Fishel egg-a-day strain. 15 eggs \$1.75; 100-38.35, prepaid. A. K. Hayden, Lawrence, Kan.

WHITE WYANDOTTE CHICKENS AND A white deal. Martin direct. Infertile eggs replaced free on April orders. 100-6.00. Mrs. Albert Waterman, Peabody, Kan.

WHITE WYANDOTTE, DORCAS LAYING strain direct from Martin of Canada. Expert culled. Eggs \$7.00-100, \$2.50-30. Prepaid. Get prices and photo from pens. Chas. Kaiser, Miltonvale, Kan.

WHITE WYANDOTTES, HOGAN TESTED. Pen direct from Fishel, Hope, Indiana, headed by \$25 male scoring 96. Eggs 15-3.00; 30-5.00, prepaid. Satisfaction guaranteed. Mrs. Allie Remington, Baldwin, Kan.

WHITE WYANDOTTES—MARTIN AND Keeler strains direct; 30 eggs \$3.50; 50-4.00; 100-7.00. Satisfaction and safe delivery guaranteed. Baby chicks 100-20.00 prepaid. Garland Johnson, Mound City, Kan.

WHITE WYANDOTTE EGGS: D. D. Sullivan American Quality strain direct. 15 for \$1.50, 50 for \$3.50, 100 for \$6.00. Guaranteed 85 per cent fertility. Baby chicks \$20.00 for 100 prepaid. Satisfaction guaranteed. Roy Cook, Pleasanton, Kan.

SEVERAL VARIETIES

68 VARIETIES FINE PURE BRED POULtry, stock, eggs, baby chicks. Write A. A. Ziemer, Austin, Minn.

SEVEN STANDARD BREEDS. CATALOG on request. Rooks County Poultry & Pet Association, Plainville, Kan.

Several Varieties—Eggs

EGGS—BLUE ORPINGTON CHICKENS, Buff ducks, \$2.00-15; \$9.00-100; Bourbon Red turkey, \$5.00-12 prepaid. John Huber, LaCrosse, Kan.

POULTRY SUPPLIES

LOUSY HENS WON'T LAY. BUY "COL-well's Sure Death to Lice." \$1.00 worth kills every louse and nit on 200 chickens for months to come. Order from Colwell's Hatchery, Smith Center, Kan.

DEAD CHICKS EAT UP PROFITS. PRE-vent loss by feeding California System Chick Mash. It's a buttermilk, meat mash. Results guaranteed or money back. 100 pounds \$3.60. Otto Weiss Mfg. Co., Wichita, Kan.

QUEEN INCUBATORS, EXPRESS SHIP-ment from factory. 220-400-600-1000 egg sizes. Queen Coal Brooder stoves, White Wyandotte Eggs, fifteen \$2.00 prepaid. Guaranteed fertile. G. R. McClure, McPherson, Kan.

RIDS POULTRY OF LICE LIKE MAGIC. Pom's Golden Wonder given in drinking water or food few days does it. Will not harm fowls, flesh or eggs; helps save baby chicks; 1000 treated easily as one. 50c and \$1.00 bottles. At your dealer or by mail. Guaranteed. Pommer Co., Topeka, Kan.

POULTRY PRODUCTS WANTED

IF DISSATISFIED WITH LOCAL POULtry market write for coops and prices. The Copes, Topeka.

PREMIUM PRICES PAID FOR SELECT market eggs and poultry. Get our quotations now. Premium Poultry Products Company, Topeka.

Best of All Papers

"I feel that the Kansas Farmer and Mail & Breeze is giving us the best returns for the amount of money invested in advertising of any of the papers in which we take space."—P. F. C.

STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912

Of Kansas Farmer and Mail & Breeze, published weekly at Topeka, Kansas, for April 1, 1923. State of Kansas, County of Shawnee, ss.

Before me, a notary public in and for the state and county aforesaid, personally appeared J. E. Griest, who, having been duly sworn according to law, deposes and says that he is the proprietor of the Kansas Farmer and Mail & Breeze and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management, etc., of the aforesaid publication for the date shown in the above caption, required by the Act of Congress of August 24, 1912, embodied in section 448, Postal Laws and Regulations, to-wit:

1. That the names and addresses of the publisher, editor, managing editor and business manager, are: Publisher, Arthur Capper.....Topeka, Kan. Editor, T. A. McNeal.....Topeka, Kan. Managing Editor, F. B. Nichols.....Topeka, Kan. Comptroller, J. E. Griest.....Topeka, Kan.

2. That the owner is: Arthur Capper.....Topeka, Kan.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities, are: None.

J. E. GRIEST, Comptroller.

Sworn to and subscribed before me this 24th day of March, 1923.

R. C. MCGREGOR, Notary Public.

(My commission expires June 6, 1926.)

Shipments of sheep and lambs back to the country for feeding showed an increase during the first nine months of last year of 355,000 head, or more than 21 per cent, over the corresponding period of last year, altho there was a decrease in market receipts of 2,206,000 head, or nearly 13 per cent, according to a report of the United States Department of Agriculture.

Coming Farm Events

April 13—Kansas Duroc Jersey Breeders' Association Meeting, Topeka, Kan.

September 10-16—Kansas Free Fair, Phil Eastman, Secretary, Topeka, Kan.

September 15-21—Kansas State Fair, A. L. Sponsler, Secretary, Hutchinson, Kan.

September 24-October 6—The International Wheat Show, Horace S. Ensign, Manager, Wichita, Kan.

September 24-30—Dairy Cattle Congress, Waterloo, Ia.

October 2-5—World's Dairy Congress, Washington, D. C.

October 6-13—National Dairy Show, Syracuse, N. Y.

Armour and Morris Merge

Formal Merger of Armour & Company and Morris & Company, two immense meat packing industries, was completed April 28 when signatures of approximately 100 persons interested in the consolidation were affixed to the transfer order.

Morris & Company was purchased by the North American Provision Company, a subsidiary of Armour & Company of Delaware, in turn a subsidiary of Armour & Company of Illinois, for approximately \$27,450,000. Payments to be made in cash and stock.

With the liquidation of Morris & Company, Armour & Company will have total assets of approximately 530 million dollars, according to available balance sheets of two concerns. In 1921 the aggregate sales of the two concerns were approximately 880 million dollars.

Less than 50 years ago the parent concerns of the two large meat packing industries were operating only on a small scale and in humble surroundings. The merged concern today counted 23 plants and 496 branch houses, scattered thruout the world.

Officials of Armour & Company said the bulk of Morris & Company volume would be maintained and merged with the Armour interests.

Livestock Rates Investigated

Rates on livestock in carloads between points in the territory west of the Missouri River against which the American National Livestock Association and other similar bodies protested to the Interstate Commerce Commission are not unreasonable, unjustly discriminatory or unduly prejudicial, Leo J. Flynn, examiner for the Interstate Commerce Commission held recently in a report of his investigation of the cases. He recommended that the committee approve his findings and dismiss the case.

FARMERS' CLASSIFIED AD USE THIS FORM—IT SAVES DELAY

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

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

Count initials or abbreviations as words

Fill This, Please!

Your Count of ad.....Words

No. times to run.....

Amount enclosed \$.....

Place under

heading of.....

(Your Name)

(Town)

Route

(State)

NOTE: Count your name and address as part of advertisement.

SPOTTED POLAND CHINA HOGS

\$35.00 Buys Big Reg. Spotted Gilt

Sired by The Emancipator, a son of the International Grand Champion 1921. Bred for April and May. Sires to Bluegrass Giant, a son of the Mo. State Fair Grand Champion 1921. Guaranteed to please. Double immuned. Address **G. C. ROAN, ETHEL, MACON CO., MO.**

Weddle's Spotted Polands

Good bred gilts in service to Aristocrat, half brother to 1922 Mo. Junior champion. Write your needs. We think that we can fill them satisfactorily.

THOS. WEDDLE, VALLEY CENTER, KAN.

Spotted Poland China Hogs

Bred sows and gilts. Sept. gilts and boars. Extra good 150 lbs. Would sell some extra good herd boars.

PETE ANDERSON, BURLINGTON, KAN.

SPOTTED POLAND CHINA BOARS

35 head large spring boars, big husky fellows, well marked, all immune. Satisfaction guaranteed or money refunded. Priced to sell, \$25 and \$35, first check or draft gets choice. Don't delay if you want a bargain. Also bred sows and gilts, priced reasonable.

Tom F. McCall, Carthage, Mo.

SPOTTED POLAND CHINAS

Will make low prices on bred sows until April 30. Satisfaction guaranteed. Cedar Row Stock Farm, Burlington, Kan. **A. S. Alexander, Prop.**

A FEW BRED SOWS AND GILTS. Choice boars from pigs to serviceable age. Reg. free. **Wm. Meyer, Farlington, Kan.**

GREENLEAF'S SPOTS—Choice bred gilts \$35.00, \$40.00. Reg. Immune. **J. O. Greenleaf, Mound City, Kansas.**

HAMPSHIRE HOGS

HAMPSHIRE

75 Bred Sows and Gilts bred for March, April and May farrow. 25 Boars, all cholera immune. Lookout—Wickware breeding. Write for free price list giving weight and pedigree. Sold under famous SILVER guarantee.

WICKFIELD FARMS, Box 8, CANTRIL, IOWA
F. F. Silver, Prop.

**200 Hampshires**

For sale—Bred sows and gilts, fall pigs, both sexes. All immuned. Best breeding. Walter Shaw. Telephone Derby, Kan., or address Rt. 6, Wichita, Kan.

Kedron Valley Ranch

Home of purebred Hampshires. Bred sows and gilts. Best blood lines, registered and immuned. Weanling pigs. Satisfaction guaranteed. Write for catalog.

DOBSON & McNEAL, EDNA, KAN.

Whiteway Hampshires on Approval

That were winners at the American Royal and the Chicago International. Choice fall boars and gilts sired by the grand champion of Kansas. Pairs and trios at special prices.

F. B. WEMPE, FRANKFORT, KANSAS

Oklahoma Needs Livestock

To advertise most economically to the largest number of prospective Oklahoma and Texas buyers of purebred hogs, cattle, horses and sheep, use

The Oklahoma Farmer

It is read on 130,000 farms and ranches of that territory; leads in the advertising and news of the livestock business; has the best editorial standing and excels in results. J. W. Johnson or J. T. Hunter, the Kansas Farmer fieldmen, will be glad to tell you about the Oklahoma Farmer or take your orders for it, or you can write direct to

THE LIVESTOCK SERVICE
Capper Farm Press, Topeka, Kan.

LIVESTOCK AUCTIONEERS AND SALE MANAGERS.**BOYD NEWCOM, Auctioneer**

219 Beacon Bldg., Wichita, Kan.

Jas. T. McCulloch, Clay Center, Kan.

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

Homer Boles, Randolph, Kan. Purebred land sales and big farm sales. Write or phone as above.

GALLOWAY CATTLE

Reg. Galloway Bulls, Cows and Heifers

Address Fashion Plate, Silver Lake, Kan.

Missouri Purebred Buyers

Have come more into Kansas the past five years than for fifty years before. If you have the goods you can interest them. One big reason is the fact that all Missouri railroads lead to Kansas City, the gateway to this state. But you must use

The Missouri Ruralist

to reach the largest possible number of prospective buyers at lowest cost in proportion to service. It has about four times the circulation of the next largest Missouri farm paper and is read on 100 times as many Missouri farms as the average of the breed papers. No advertising starts to "cover" Missouri on a livestock basis, unless it includes the Missouri Ruralist. Ask John W. Johnson or J. T. Hunter, the Kansas Farmer fieldmen, about it, or write direct to

THE LIVESTOCK SERVICE
Capper Farm Press, Topeka, Kan.

Public Sales of Livestock

Shorthorn Cattle

April 9—L. L. Humes, Glen Elder, Kan.
April 10—J. C. Dell & Son, Beatrice, Neb.
April 10—North Central Kansas Shorthorn Breeders, Beloit, Kan.
April 12—C. E. Hill, Toronto, Kansas.
April 18—Butler County Shorthorn Association, sale at Eldorado, Kan.
April 19—Northeast Kan. Shorthorn Breeders' Association, Hiawatha, Kan.
Apr. 27—Henry H. Kuper, Humboldt, Neb.
Apr. 25—Theo. Olson & Sons, Leonardville, Kan.
May 16—Park Salter, Wichita, Kan.
May 16—Atchison County Breeders, Lancaster, Kan.
May 9—Northwest Kansas Shorthorn Breeders' Association, Concordia, Kan.

Jersey Cattle

June 4—J. E. Jones, Liberty, Mo.
June 8—Hal C. Young, Lincoln, Nebr.

Polled Shorthorns

April 20—J. C. Banbury & Sons, Pratt, Kan.

Hereford Cattle

April 23—Northern Kansas Hereford Breeders' Association, Blue Rapids, Kan.
May 7—State Breeders' Association, Manhattan, Kan.

Holstein Cattle

Apr. 17—Wm. H. England, Ponca City, Okla.
Nov. 19—Kansas Association Sale, Wichita, Kansas.

Aberdeen Angus Cattle

April 19—Missouri Aberdeen Angus Association, St. Joseph, Mo.
May 1—Johnson Workman, Russell, Kan.
May 2—Kansas Aberdeen Angus Breeders, Russell, Kan.

Duroc Jersey Hogs

April 9—L. L. Humes, Glen Elder, Kan.
April 13—Wm. D. McComas, Wichita, Kan.
Apr. 16—Wm. H. England, Ponca City, Okla.
April 17—A. L. and J. M. Erwin, Adrian, Mo.
April 17—Duroc Breeders' Sale, Ft. Scott, Kan.
April 19—Jas. E. Park, Butler, Mo.
April 21—Homer Rule, Ottawa, Kan.
April 26—Laptad Stock Farm, Lawrence, Kan.

April 23—E. C. Smith & Son, Pleasanton, Kan.
Sep. 4—L. R. Massengill, Caldwell, Kan.
Oct. 13—H. W. Flook & Son, Stanley, Kan.

Chester White Hogs

Apr. 18—Mosse & Mosse, Leavenworth, Kan.

Spotted Poland China Hogs

Apr. 17—Henry Field, Shenandoah, Ia.
Oct. 8—C. W. Bale, Chase, Kan.

Poland China Hogs

Apr. 12—C. E. Hill, Toronto, Kan.
April 26—Fred Laptad, Lawrence, Kan.
Oct. 8—S. U. Peace, Olathe, Kan.
Oct. 9—Arthur J. Meyer, Olathe, Kan.

Sale Reports and Other News

J. W. White, Greensburg, Kan., bought a bred sow in the February, 1921, Pratt, Kan., Duroc association sale. He has kept tab on production of this one sow up to date and finds that from this one sow he has sold \$1222 worth of hogs, still has four of her daughters, two of which have 14 spring pigs and the other two to farrow, and the original sow has 7 spring pigs. That is not all. Mr. White has 12 fall gilts and two fall boars out of this sow. In addition to all this he has butchered two or three of her produce.

N. P. Lugenbill's Shorthorn and Duroc Sale

Thursday, March 29, Mr. N. P. Lugenbill, Greensburg, Kan., held a combined Shorthorn and Duroc sale at his farm near Greensburg, Kan. 10 sows and 2 boars averaged \$32 and 10 fall gilts and 5 fall boars averaged \$17.25. Top was a sow with pigs at \$85 to G. A. Kellar, Greensburg, Kan. It was a decidedly satisfactory Duroc sale. Nine cows averaged \$72.50 and 5 bulls averaged \$82. Most of the Shorthorn cattle offering was young and relatively outbid the females. Top was the herd sire at \$107.50 to M. A. Gamble, Greensburg. The cattle were not in very good flesh. Had they been in better condition they would have brought more money. As it was the sale as a whole was pretty good.

The "Central" Show and Sale

An average of about \$184 was made on 136 lots of breeding cattle in the recent sale of the Central Shorthorn Breeders Association at Kansas City. In addition to the breeding cattle, 27 purebred Shorthorn steers, which were a feature of the show preceding the sale, were sold at prices ranging from \$18.50 down to \$10 a hundred weight. In quality the steers were much above those shown at the "Central" last year. The offering of breeding cattle may not have been quite so good, but it contained a number of choice types, and a lot of useful, well bred animals that mean a step ahead for the beginners and farmers who bought them.

Bulls averaged, for the entire sale, about \$136 each, and the female lots, of which a number were yearling heifers, about \$132.50. The sale was advertised moderately in the farm papers covering immediate Kansas City territory, and the sale list showed a larger proportion of new men buying, than has any previous sale of this association. Of course, the sale was full of bargains, as are most auctions this season, a condition which means heavier attendance and better prices in later auctions.

Prices were very uniform, the top cow going at \$390 from J. C. Robison, Towanda, Kan., to F. R. McDermand, Kansas City, Mo. The top bull, champion of the show, was Sherwood Marshall, shown by A. O. Stanley, Sheridan, Mo., and sold to H. C. Blazer, Kansas City, Mo., for \$600. Bidders were there from Missouri, Kansas, Colorado, Oklahoma, Arkansas, Nebraska and Iowa.

The show, which has been a help in keeping up quality of offerings and holding interest in this, one of the oldest organizations of the kind in the country, was strengthened by the improvement in the steer section. The Ravenswood Farm entry, Americus, made champion, sold later at \$18.50 a hundred for fancy city trade. In senior yearlings, first went to Chief Emerald, a big rangy cousin of Americus, also from the C. E. Leonard herd of Ravenswood Farm at Buncheon, Mo. G. D. Counts & Son, Wesley, Ark., took second place with their Vale's Choice. J. P. Springer of Garison, Kas., took third and fourth places on his Marica's Standard and Anna May's Standard.

In junior yearlings Americus stood first.

Meall Brothers of Cawker City, Kan., had second, fourth and fifth on Red Mist, White Mist and Roan Mist. Third place went to Robert Russell of Muscotah, Kan., on Pilgrim's Type.

In steer and heifer calves Meall Brothers had first; George McMaster, Bedford, Ia., second and fifth; Harry Holmes, Topeka, Kan., third, W. J. and O. B. Burtis, Manhattan, Kan., fourth. In groups of three steers—first, Meall Brothers; second, Holmes; third, Russell.

At the annual meeting held at the close of the second day, it was voted to have but one, and that a uniform charge, for selling in the 1924 Central sale. It was also voted to credit \$2 of every membership fee paid into a state association on a \$5 membership fee in the Central Association.

Election of officers for the ensuing year resulted in the following choices:

For president, G. F. Kellerman, Mound City, Kan.; for state vice presidents, Harry Metz, Maryville, Mo., C. D. Counts, Wesley, Ark., H. L. Burgess, Chelsea, Okla., and O. B. Burtis, Manhattan, Kan.; S. T. Simpson, Jefferson City, Mo., was elected secretary.

This event, which was the tenth annual show and sale, and held in the twenty-fifth year of the Central Shorthorn Association's existence, was under the general management of W. A. Cochel, fieldman for the American Shorthorn Breeders' association. Without the work and attention cheerfully given not only to all matters of management and policy, but to all details, by Mr. Cochel and his assistant Miss Morton, the well conducted and successful show, meeting and sale hardly would have been possible.

Notes From the Field,

BY J. W. JOHNSON

Omer A. Weir of Hiawatha, Kan., is starting his Jersey cattle advertisement in this issue. He is offering some cows and heifers, also some young bulls for sale. If on the market for Jerseys, look up his advertisement, and write him.—Advertisement.

Hosford & Arnold's Shorthorns

Hosford & Arnold of Lawrence, Kansas, are changing their advertisement in the Shorthorn section of Kansas Farmer and Mail and Breeze. They are breeding some good Scotch and Scotch topped Shorthorns for sale and are making very reasonable prices. The head of this herd is Blumert Courtier by Jealous Dale.—Advertisement.

Wales & Young's Shorthorns

Wm. Wales & Young, Osborne, Kan., offer for sale what is very likely the best herd bull to be bought in the state right now. Rothnick Sultan, advertised in the Shorthorn section of the Mail and Breeze is coming four years old and was bred by Tomson Bros. His heifers are old enough to breed and because of the size of the herd this firm can't afford to keep two high class herd bulls. He was first in the aged bull class at Beloit last fall where two other Sultan bred bulls of last fall merit were shown. He will be sold fully guaranteed in every particular and can be seen at the farm near Osborne any time. In the North Central Kansas Shorthorn sale at Beloit, Monday, April 9 they are selling an extra good son of his and you better attend the sale and run up to Osborne and see this great sire if you want a really good herd bull worth the money. Write for full description and price at once.—Advertisement.

BY J. T. HUNTER

W. R. Huston of Americus, Kan., is advertising some of Waltemeyer's Giant Boars for sale. Anyone wanting a good Duroc boar should get in touch with Mr. Huston at once.—Advertisement.

F. S. Brian Offers Fall Boars

F. S. Brian, Route 3, Derby, Kan., has for sale fall boars by Pioneer Jr. by Pioneer (a littermate to Liberator) and Checkers Jr. by Checkers. These boars are out of good sows and priced to sell. Mr. Brian has recently added a new sire to his herd; Designer Hercules by Designer. This boar was purchased from F. B. Wittum, Caldwell, Kan. When writing Mr. Brian about these boars please mention Kansas Farmer.—Advertisement.

Howard Has Scotch Polled Shorthorns

C. M. Howard, Hammond, Kan., has two Scotch Polled bulls at the head of his herd that rank high as sires; Buttonwood Marshall and Forest Sultan. He has a number of coming yearling and yearling Scotch bulls by these for sale as well as a number of yearling Scotch topped bulls, cows, and heifers. Write C. M. Howard, Hammond, Kan., for information concerning what he offers. Please mention Kansas Farmer and Mail & Breeze.—Advertisement.

Mistaken Idea About Milking Shorthorns

A mistaken idea prevails that milking Shorthorns belong to some family bred somewhere down East, while unscrupulous dealers palm off something as a milking Shorthorn when it proves no good for beef. The Shorthorn Association places the matter of performance and defines a milking Shorthorn cow over 3 years old as one that has made a "Record of Merit." Such cows can be found in nearly all families of Shorthorns. J. W. Hyde, Altoona, Kan., has milking Shorthorns with Scotch characteristics of beefiness and with that a number of his cows are "Record of Merit." At present Mr. Hyde is offering, very reasonably, some

KANSAS FARMER ADVERTISING REACHES BUYERS

You will find enclosed check for Kansas Farmer-Mail & Breeze sale advertising. I guess the ad must have been read, as we had people from all over state, had 100 from a distance for dinner and 75 cars. Had an average of \$53.17 and top of \$89.00. Sold six extra and could have sold 20 more at same average. Did not have to pay any one's transportation, as they all said the offering was real ones.—H. T. Hayman, Formoso, Kan., Breeder of Poland China Hogs, 1-14-23.

HORSES AND JACK STOCK

**H. T. HINEMAN & SONS'****JACKS FOR SALE**

30 serviceable age jacks priced to sell. Mo. and Kan. State Fair winners. Most of them sired by Kansas Chief, world's grand champion. They range from 15 to 16½ hands high. Written guarantee with each jack.

HINEMAN'S JACK FARM,
Dighton, Kan.

Reg. Percheron Stallions

Blacks and greys. The best breeding, good individuals, guaranteed breeders. A few colts to show foaled in 1922. Also Reg. Shorthorn bulls, just ready for service. Silver Marshal, one of the best sons of Village Marshal at the head of our herd, that is Federal tested and Accredited. Farm 1½ miles west of Briggs Station on the A. V. I.

A. H. TAYLOR, R. R. 4, Sedgwick, Kan.

Jacks and Jennets For Sale

Closing out my high quality reg. animals. Price on individuals low or I will make a very low price on the whole bunch.

ELWIN W. DALES, EURERA, KAN.

Big Reg. Jacks

For sale, one or a carload. Priced very reasonable. Come and see them.

M. H. MALONE, CHASE, KAN.

J. P. MALONE, LYONS, KAN.

Six Good, Big Boned, Mammoth Jacks

For sale, from two to three years old. Will sell or trade for good work mules; also one good registered Percheron stallion. Address

HARRISON MEYER, BASEHOR, KAN.

JACKS—12 Good Ones

for sale. **J. A. GODMAN, DEVON, KANSAS.**

GREAT BREEDING AND-SHOW JACKS

Priced right. Holt's Jack Farm, Uniontown, Ks.

BEAUTIFUL BLACK REG. PERCHERON
STALLION, coming seven, for sale.
F. N. Cox, Hays, Kansas.

REGISTERED PERCHERON STALLION for sale, 4 yrs. old; dark bay; sure breeder. Priced to sell. **E. M. Peek, Tecumseh, Kan.**

EXTRA LARGE BLACK PERCHERON
STALLION and reg. Jack at farmers' prices.
Chas. Reece, Hopewell, Kan.

EXPERIENCED HORSEMAN wants Belgian horse and jack on commission. Good barn, farming community. No breeding stock here. **John Peterka, Cuba, Ks.**

STALLIONS, JACKS, MARES. Reg. Percheron stallions and 40 mares. 35 mammoth Jacks 15 to 16 hands. Priced right. **Al. E. Smith, Lawrence, Kan.**

POLAND CHINA HOGS

\$10.00 Buys a Big Type Poland Pig

Sires of pigs; Yankee Orange, Co-operator and McMurry's Jayhawker. Have trios not related. **Henry S. Voth, Rt. 2, Gossel, Kan.**

BIG TYPE POLAND CHINA BABY PIGS at weaning time \$15.00 each. Pair \$25.00, trio \$35.00, not related.
Mrs. A. J. Swingle, Leonardville, Kansas.

MARK LEWIS'S BIG TYPE POLANDS
Fall boars and gilts by Peter's Giant by Peter the First, 1923 Ill. grand champion. Out of large, well bred dams. **Mark Lewis, Conway Springs, Kansas.**

POLAND CHINA BOARS by Designer. A few Designer gilts bred to EJCOTTE JR. Farmer prices. **J. R. Houston, Gem, Kansas.**

PIONEER & CHECKER BRED POLANDS
Fall boars by sons of Pioneer and Checkers out of good sows. Priced to sell. **F. S. Brian, Route 3, Derby, Kan.**

CHESTER WHITE HOGS

Wiemers Chester Whites

Offering 15 choice gilts bred to boars of national reputation, wt. 250. Also 50 Aug. and Sept. boars and gilts, wt. 175 lbs., vaccinated. Write for circulars. We ship on approval. See them before you pay. Prices are right.

HENRY WIEMERS, DILLER, NEBRASKA

O. I. C. PIGS

HARRY HAYNES, GRANTVILLE, KANSAS

SELECTED BIG TYPE Stretchy Fall Boars. For quick sale at \$20 to \$25 each.
E. E. Smiley, Perth, Kansas.

REGISTERED O. I. C. HOGS
Write me for what you want. I have it.
Geo. T. Bartlett, Stockton, Kan.

GUERNSEY CATTLE

FOR SALE

May Rose Earl of Fairly Falls No. 64875, born Jan. 26, 1920. This is a well marked large Guernsey bull, and a wonderful breeder. Selling to avoid inbreeding. Also a few registered Guernsey cows and heifers for sale. **W. A. DUNMIRE, Lawrence, Kansas.**

RANSOM FARM GUERNSEYS
Bulls—Calves to serviceable age by 1919 world's grand champion out of record breaking dams.
Ransom Farm, Homewood, Kansas

Nebraskans Are Good Buyers

If you are suitably located for shipping into Nebraska and have the quality and numbers to justify advertising outside your own state, there is one thing sure—

The Nebraska Farm Journal

is outstandingly the best medium for cultivating the Nebraska trade on purebred cattle, hogs, jack stock, horses or sheep. It has many times more Nebraska readers than most advertising mediums, and about 50 per cent more than the next largest Nebraska farm paper, although its rate is lowest. It leads in livestock interest and information as well as in advertising. See J. W. Johnson or J. T. Hunter, the Kansas Farmer fieldmen, about it, or write direct to

THE LIVESTOCK SERVICE
Capper Farm Press, Topeka, Kan.

bulls of serviceable age. Write him if you are looking for milking Shorthorns. Mention Kansas Farmer.—Advertisement.

Claude Lovett's Shorthorns

Claude Lovett, Neal, Kan., has a first class Shorthorn herd that has done fine the past winter. This herd is one of the real good ones. Mr. Lovett is pretty well closed out of Shorthorns but has for sale a few bull calves and some cows with calves at side that would price reasonably. Write him at your earliest convenience if you wish to buy a young bull or a cow or two with calf at side. Please mention Kansas Farmer and Mail & Breeze.—Advertisement.

Park Salter's Consignment to Eldorado Sale

The attention of Shorthorn breeders is called to the consignment of Park E. Salter of Wichita, in the Butler County Shorthorn Breeders' sale. He is consigning seven head of Shorthorns in the Butler County Shorthorn Breeders' Sale to be held at Eldorado, Kansas, on April 18th. His consignment will consist of four cows with calves by Sultan Seal by Beaver Creek Sultan; two cows bred to Bapton Corporal and one Scotch heifer by Second Fairacres Sultan in service to Lavender Emblem by British Emblem.—Advertisement.

Smiley's Chester White Boars

E. E. Smiley, Perth, Kan., has a number of high class Chester White fall boars of August and November farrow. They are good stretchy fellows, not little chunks, and for quick sale are offered at \$20 to \$25. Mr. Smiley has had good success with his sows and gilts farrowing. Six gilts farrowed 68 pigs. Only one had less than 11 pigs and that one had 8. The Smiley Chester White herd is well and favorably known. Write Mr. E. E. Smiley, Perth, Kan., at once. Please mention Kansas Farmer.—Advertisement.

Hill's Shorthorn and Poland Dispersal

Next Thursday, April 12, Mr. C. E. Hill, Toronto, Kan., disperses his Shorthorns and Polands. Some good Shorthorns and Polands in this sale and well worth your attendance if you plan to buy any livestock of that kind this spring. Last two preceding issues of the paper carried advertisements of the sale. Farm sale in the forenoon. You will find this livestock offering a real producing lot of animals. Foundation sires and females go in the sale that Mr. Hill would keep if he were not making a dispersal sale. Read the advertisements in the preceding issues and see that it will be a well bred offering.—Advertisement.

L. R. Massengill's Durocs

L. R. Massengill, Caldwell, Kan., had us claim his September 4 Duroc sale in sale date column of Kansas Farmer-Mail and Breeze beginning with the issue of March 10. Somehow the date was slipped under the Spotted Poland heading. Monday, March 12 when Mr. Massengill went to town he was accosted by three farmers who jokingly inquired why he had so suddenly changed breeds of hogs. In the two weeks that intervened until correction was made Mr. Massengill was constantly twitted by farmer acquaintances about changing breeds. This is pretty good evidence that readers of the Kansas Farmer-Mail and Breeze watch the claim sale date column pretty closely.—Advertisement.

Harkey's Shorthorns Keep Separator Busy

Dr. W. C. Harkey, Lenexa, Kan., has a lot of Shorthorns—Scotch, Scotch topped, and plainbred. Many are strong in the blood of the show sire, Realm's Count 2nd. For sale he has young cows, 2 year olds, and heifers. Breeding age females have calves at side or will calve spring or early summer. Milk production in this herd has been one of the things that Dr. Harkey has developed and the herd keeps the cream separator busy. You can buy one on a carload from this herd and get them at reasonable prices. All are in good flesh and it is a federal accredited herd. You will find that the doctor will price them reasonably. Write him or call at your earliest opportunity. Please mention Kansas Farmer and Mail & Breeze.—Advertisement.

Butler County Shorthorn Sale at Eldorado

A group of Butler County Shorthorn breeders hold a consignment sale at Eldorado, Kan., Wednesday, April 18. The sale offering includes 10 bulls, 20 heifers, and 10 cows. The consignments come from

several of the best herds of that section. Read the advertisement to see names of consignors and herd sires. You will note that this sale is held at a time when it is the right time to turn cattle out on grass. Why not turn out some good registered Shorthorns to grass this summer and let them put on flesh and grow at little expense and start to build up a herd of purebreds that will pay better in the end than grades. Send for a catalog and see what sort of an offering will be presented. Write mentioning Kansas Farmer and Mail and Breeze to J. C. Robison, Manager, Topeka, Kansas.—Advertisement.

Sons of Villager Magnet

Villager Magnet, the recently deceased herd sire of Fred Abildgaard, Winfield, Kan., was known far and wide as a great breeding sire. Mr. Abildgaard has several high class bulls by him for sale. One is a yearling, Village Colonel, a dark rich roan, a typical Villager Magnet head, deep bodied, thick and heavy bone. Mr. Abildgaard thinks that he is one of the very best bulls ever sired by old Villager Magnet. He is on a Cruickshank Columbia foundation out of a granddaughter of Captain Archer. He is straight Scotch. Another, Golden Goods, is a red two year old out of a Lavender dam by Wooddale Stamp, is a thick-fleshed, smooth and short-legged fellow that is a proven sire. He is a straight Scotch. Mr. Abildgaard has others. Scotch and Scotch topped. All offered at reasonable prices. Write or call. Please mention Kansas Farmer and Mail & Breeze.—Advertisement.

Dr. W. C. Harkey's Shorthorns

Dr. W. C. Harkey of Lenexa, Kan., whose advertisement will be found in the Shorthorn section of Kansas Farmer and Mail & Breeze, owns one of the good Shorthorn herds in Kansas. His herd is made up of representatives of the most popular blood lines of the breed. Dr. Harkey reports a one hundred per cent calf crop so far this spring. At this time he is offering for sale a carload of young cows and bred heifers, also a Capital Cumberland bull to go with them. All of the cows of breeding age have proven to be good milkers and sure breeders and they are in good strong breeding condition. The bulk of the offering are daughters of the Grand Champion, Realm's Count and or are bred to him. Dr. Harkey's herd is under Federal supervision and he is making a very close price on a carload lot, which will include some very fancy young cattle, many of them of pure Scotch breeding.—Advertisement.

Lewis Has First Class Polands

Mark Lewis, Conway Springs, Kan., has one of the good Poland herds of Kansas and offers at this time fall boars and gilts sired by Peter's Giant by Peter the First, 1922 Illinois grand champion. This grand champion also sired the 1923 Illinois junior champion. He also sired the largest pigs for their age shown at the 1922 Illinois fair. Mr. Lewis can see pretty far around the corner and decide what sort of a sow or boar a young pig will grow into. He has sent to market the Polands of lesser quality that are always to be found in a purebred herd and has kept for seed stock only such as he believes will prove good breeding animals. He will ship on approval fall boars and gilts of real big type to any that wish to buy from him. Mr. Lewis starts his advertisement in this issue of Kansas Farmer and Mail & Breeze. Write him or call at your earliest convenience. Please mention Kansas Farmer and Mail & Breeze.—Advertisement.

Gaddis Has Good Shorthorns

H. I. Gaddis, McCune, Kan., has a first class herd of Shorthorns. At the recent Central Shorthorn sale he topped the heifer sale and the last fall Cherokee-Crawford county association sale he topped both bull and female sale so he has the kind that buyers like. He will put in the coming spring sale of the Cherokee-Crawford County sale 8 or 10 heifers and 2 bulls. Watch for his consignment in that sale which will be held sometime the last half of May. Mr. Gaddis' herd sire is (Imp.) Fancy Comet. He was 3rd prize calf at Sni-a-Bar show. He is one of the best quartered and backed bulls in southern Kansas. He weighed 1510 at 24 months. Mr. Gaddis is offering for sale heifers in service to this bull or open to be bred later if desired. Write Mr. Gaddis about what he is offering for sale. Please mention Kansas Farmer and Mail & Breeze.—Advertisement.

Asendorf Bros. Herd Sire is British Villager

Asendorf Bros., Garden Plain, Kan., decided to start in the Shorthorn business with a few good dams and a real sire. Dams are of Aconite, Proud Queen, Orange Blossom, etc., families. They have as herd sire, British Villager by British Emblem out of a Mysie dam. His first crop of calves is coming on and Asendorf Bros. are quite well pleased with the calves he is getting. No question but what they will build up a real herd of Scotch and Scotch topped Shorthorns and will make for themselves a place among Kansas Shorthorn breeders. They are very conservative in their claims and are building slowly. Their herd is yet too small to send out seed stock to other herds. So they are not advertising anything for sale. Their card in the Shorthorn section is just to advise other breeders and farmers that they have the kind that they are willing to present to notice of any interested parties. Later, when they have a surplus you will hear from them.—Advertisement.

Get Your Duroc Outcross at Davidson's Sale

The last day of February, this year Lock Davidson, Wichita, Kan., held a Duroc sale at his farm just east of Caldwell, Kan. This was Mr. Davidson's first sale. He had bought some good Durocs at sales in Southern Kansas the spring before and had made a trip to some of the Eastern states, Illinois, Nebraska, Iowa and Ohio and brought back a number of high class sows and gilts in service to some of the good boars there. In this February sale buyers quickly took the offering of females because they would be good outcrosses for the Duroc herds of this section. Mr. Davidson will hold another sale. It will be Tuesday, April 24. He sells 10 sows and 30 gilts. The advertisement in this issue of Kansas Farmer-Mail and Breeze gives a general idea concerning the offering that will be presented. One difficulty confronting Duroc breeders of this part of the country is that too close line breeding is creeping into our herds. This is something that breeders must avoid. This sale presents Durocs that will be the needed outcross for your herd. The sale also presents good individuals close up in the blood of the best of the breed. The catalog will give you the details that will prove that you can safely add one or

Homer T. Rule's Duroc Sale Ottawa, Kan., Saturday, April 21

20 boars—including 1 big rugged yearling by Uneeda Orion Sensation, 2 outstanding fall boars by Giant Sensation, 4 by Critic Uneeda Sensation, 4 by Pathmaster's Pride, 4 by Wonder Sensation, and 2 by Wonder King Col. 2d dam by Stilts.

7 bred sows—1 a daughter of Big Major Sensation bred to Critic Uneeda Sensation, 1 gilt bred to Big Major Sensation, 2 sows bred to Originator, 1 bred to Kansas Commander, and 2 bred to Unique Pathmaster.

23 open gilts—2 by Originator, 6 by Pathmaster's Pride, 3 by Wonder King Col. 2d, dam by Stilts, 6 by Critic Uneeda Sensation, and 6 by Wonder Sensation.

Your greatest opportunity to select good individuals sired by the seven most prominent boars of the breed. Write for my catalog. Please mention Kansas Farmer and Mail & Breeze. Send buying orders to J. T. Hunter.

Homer Rule, Ottawa, Kansas

H. L. Burgess, Auctioneer

A Well Bred Duroc Jersey Offering

Consignment Sale from Six Herds

Ft. Scott, Kansas, Tuesday, April 17, 1923

60 head: 10 bred sows and gilts, 35 fall gilts, 15 spring and fall boars

H. B. Marr, Ft. Scott, 3 fall boars by Pathmaster out of granddaughters of Royal Pathfinder, a sow with a litter by Giant Pathmaster by Pathmaster. Fall gilts by sons of Pathfinder Chief 2nd and Sensation Orion.

Thomas Farms, Pleasanton, Kan. 3 fall boars by Royal King Model, out of Golden Model dam; 6 gilts same breeding including daughter out of sow that topped last sale at Fort Scott.

C. T. Hilen, Pleasanton. 7 summer and fall gilts by Superior Pathfinder by Pathfinder Chief 2nd, out of equally well bred dams.

C. W. McClaskey, Girard, Kan. Gilts by Wonder Sensation by Giant Sensation, out of Pathfinder and Goldfinder dams.

R. E. Peck, Deerfield, Mo. Spring boar by Great Orion's Pathfinder out of daughter of Pathfinder. The boar won first in futurity litter of 120 shown. Gilts by the same sire.

Marion Blair, Fort Scott, Kan. June gilt by son of Great Orion Sensation. One of the latest sales this spring. Good quality, too. Send buying orders to J. T. Hunter. Please mention Kansas Farmer-Mail & Breeze.

For catalog address H. B. Marr, Ft. Scott, Kansas

Homer Rule, Auctioneer. J. T. Hunter, Fieldman.

ERWIN'S DUROCS

April 17—40 Head—April 17

Summer and Fall Gilts. Bred and open. 5 Summer and Fall Boars. See the sires and dams and other pigs on this farm. Everything in sale bred here. Everything immune and guaranteed. Offering is sired by TAKOMA SENSATION and L. L. ORION CHERRY KING. Bred to O. C. K. SENSATION. Sale on farm 8 miles from Adrian on Mo. Pac.; 5 miles from Merwin on K. C. Southern. Automobiles at both places for visitors.

Joe. Erwin, Adrian, Mo.

Col. Clyde Robbins, Auct.

C. L. Carter, Fieldman.

I guarantee satisfaction on all bids sent to Carter.

Lock Davidson's Duroc Jersey Sale Caldwell, Kan., Tuesday, April 24

10 sows and 30 gilts. Most of the sows and a few of the gilts are by Sensation Boy by Great Sensation out of Orion Gano Lady. Others by Climax Sensation 1 Am by Great Wonder 1 Am out of a daughter of Pathfinder; Pathron, 1920 Topeka grand champion; Jack's Orion King A by Jack's Orion King 2nd, 1917 world's junior champion; and Major Sensation Col. by Major Sensation, 1919 world's junior champion.

The bred sows and gilts are in service mostly to Taxpayer, first junior boar pig, 1922 Illinois state fair. His litter mate was first junior gilt at same fair. Taxpayer is a great boar. You may see him sale day.

HERE IS THE OUTCROSS YOU NEED. Most of these females came directly from good Eastern states herds or are out of dams that came from those herds. These females are close up in the blood of the best of the breed. Bred ones are in service to an Illinois champion boar that is a corner. And they are good individuals. Sale will be held at the Davidson farm just east of Caldwell, Kan. Please mention Kansas Farmer and Mail & Breeze. For a catalog write

Lock Davidson, Wichita, Kansas

Boyd Newcom, Auctioneer. J. T. Hunter, Fieldman.

Waltemeyer's Giant Boars

This breeding has won more prizes last 12 years at National fairs than any other and made farmer most money. Immuned. Ship on approval. W. R. HUSTON, Americus, Kan.

HOMER DRAKE'S DUROCS

Spring and fall boars, July and fall gilts by Smooth Sensation. Extra good. Low figures. Terms. HOMER DRAKE, STERLING, KAN.

Valley Springs Durocs

Boars, bred sows and gilts; popular breeding; immuned. Pedigrees. Year's time. E. J. BLISS, BLOOMINGTON, KANSAS

FALL BOARS

Big type Orion, Pathfinder breeding. FRANK HAYNES, GRANTVILLE, KAN.

CHOICE DUROC SEPTEMBER BOARS FOR SALE

Pathfinder and Orion breeding. Papers furnished. \$20 and \$30. Perl Elliott, Glade, Kan.

MURPHY'S FALL BOARS

by Superior Sensation. L.W.'s Pathfinder by Ideal Pathfinder, Pathfinder's Victory by Victory Sensation 3rd out of equally well bred dams. L. W. Murphy, Sublette, Kan.

100 Fall Pigs, Choice Ones

For sale. R. C. Watson & Sons, Altoona, Kas.

FALL SONS OF PATHMASTER

Out of daughter of Uneeda Orion Sensation. Some by son of Great Orion. Priced reasonably. J. H. Marcey, Fall River, Kansas.

When writing advertisers mention this paper

Shepherd's Duroc Boar Bargains

A half dozen extra good ones to move quickly. By Sensational Pilot, 1921 Topeka s. c. out of Great Orion Sensation dams, and by Sensational Giant by Big Orion Sensation out of Orion Cherry King dams. Priced to sell. Write immediately. G. M. Shepherd, Lyons, Kan.

Bred Gilts

For March and April farrow. \$30.00 each. Boars from 75 to 250 lbs., \$15.00 to \$30.00. Well bred. Crated. With pedigree. Also fall gilts. J. E. WELLER, HOLTON, KANSAS

Boars and Bred Gilts

A selection of big type gilts bred for March and April farrow, from the best Pathfinder, Orion, and Sensation breeding. Fall boars and gilts, \$15. Immuned. ERNEST A. REED, LYONS, KAN.

Zink Stock Farms Durocs

20 sows and gilts in our recent sale averaged \$106. These were all bred to GREAT PATHMASTER. We have some extra fine fall boars by this sire and by GREAT SENSATION WONDER. Write us at once. ZINK STOCK FARMS, TURON, KANSAS

BIG TYPE BRED GILTS \$35

Choice Sensation bred gilts. Best Sensation, High Orion, Pathfinder breeding. High quality and immuned. Sept. gilts and boars \$20. J. A. REED, LYONS, KAN.

E. G. Hoover's Durocs

Fall boars for sale. Good ones. Herd sires: Orchard Scissors by Scissors, Gold Master by Pathmaster. E. G. HOOVER, Wichita, Kan.

WHERE TO WRITE OR TELEPHONE

About Livestock Advertising

Following are the addresses of the men who handle livestock advertising for the Kansas Farmer-Mail and Breeze and also the Oklahoma Farmer, the Missouri Ruralist and the Nebraska Farm Journal:

John W. Johnson, fieldman for northern Kansas, 820 Lincoln St., Topeka, Kan.

J. T. Hunter, fieldman for southern Kansas, 427 Pattie Ave., Wichita, Kan.

Stuart T. Morse, fieldman for Oklahoma, 631 Continental Bldg., Oklahoma City, Okla.

O. Wayne Devine, fieldman for northern Missouri, 1407 Waldheim Bldg., Kansas City, Mo.

Charles L. Carter, fieldman for southern Missouri, 1407 Waldheim Bldg., Kansas City, Mo.

Jesse R. Johnson, fieldman for southern Nebraska, 227 South 13th St., Lincoln, Neb.

R. A. McCartney, fieldman for northern Nebraska, 227 South 13th St., Lincoln, Neb.

W. J. Cody, officer manager, or T. W. Morse, director, care address below.

Notice: Orders for starting or stopping advertisements with any certain issue of this paper, should reach this office on or before Saturday, seven days before the date of that issue.

Instructions mailed as late as Friday evening on advertising to appear the following week, should be addressed direct to

THE LIVESTOCK SERVICE,
Capper Farm Press, Topeka, Kansas.

J. C. Banbury & Sons Annual Spring Sale of Polled Shorthorns

We will sell 50 Polled Shorthorns at the Banbury Stock Farm, 81-2 Miles Southeast of

Pratt, Kansas, Friday, April 20, 1923

10 Bulls. Some real herd bulls and show prospects.

40 Cows and Heifers, most of which are sired by or bred to "Grand Sultan" or Royal Robin—two outstanding Polled Shorthorn Bulls, representing blood lines of champions and some of the greatest families of the breed. Grand Sultan is closely related to the 30 times shown and never defeated Grand Champion, Ceremonious Sultan.

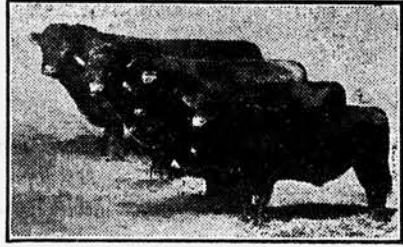
We give one-half selling price of any bred cow or heifer for her calf at seven months of age, if in good condition.

\$200 in cash prizes will be given sale day for the best Polled Shorthorn calves. Calf Show 11 A. M. Sale 1 P. M. Bring your calves sale day. All cattle tested. Sale under cover. Free conveyance to farm. Fall sale Nov. 8, 1923.

\$110 in cash prizes for Glendale boys' and girls' calf club, either horned or polled, shown at the April and Fall sales. Write for catalog.

J. C. Banbury & Sons, Pratt, Kansas

Auctioneers—Cols. Burgess, Newcom, Burger and Tracy, Fieldman, J. T. Hunter. When writing for catalog please mention Kansas Farmer and Mail and Breeze.



SHORTHORN CATTLE

SHORTHORN CATTLE

Butler Co. Breeders' Shorthorn Sale

Eldorado, Kansas, Wednesday, April 18

40 Head: 10 cows, 20 heifers and 10 bulls. Noted sires of animals in the sale include Imp. Bapton, Elixir, Imp. Lord Aberdeen, Roan Englishman, Roan Cumberland, Maxwalton Mandolin, and Imp. Scotch Beau.

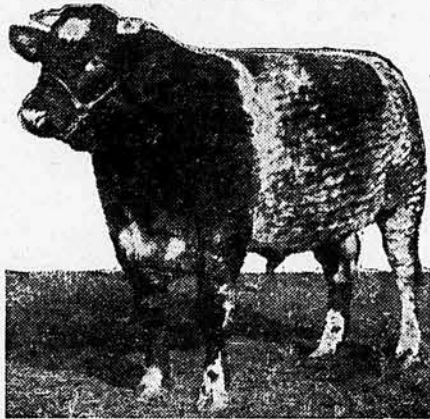
Consignors include J. C. Robison, Towanda; F. A. Layton, Augusta; John Regier, Whitewater; R. H. Clark, Towanda; D. E. Hull, Eldorado; L. C. Waits, Cassoday; J. J. Vestring, Burns; J. E. Mulch, Benton; J. E. Regier, Whitewater; Park E. Salter, Wichita.

This sale comes at a time when it will be a fine time to turn cattle out on grass for the summer. It will be an offering in proper condition for buying for that purpose. Write for a catalog, mentioning Kansas Farmer.

J. C. Robison, Manager, Towanda, Kansas

Boyd Newcom, Auctioneer.

J. T. Hunter, Fieldman.



ABERDEEN ANGUS CATTLE

ABERDEEN ANGUS CATTLE

Annual Aberdeen Angus Sale

At Sale Pavilion Stock Yards

St. Joe, Mo., April 19



Bulls and females from the leading herds of Missouri. The consignors are as follows: J. W. Barkley, Lucerne, Mo.; Pleas Coffman, Savannah, Mo.; W. A. Holt, Savannah, Mo.; F. A. Johnson, Savannah, Mo.; Robert Larmer, Maryville, Mo.; Grover C. Moritz, Triplett, Mo.; J. N. M. Youel, Tarkio, Mo., representing Blackcaps, Blackbirds, K. Prides, Queen Mothers, and other good breeding. The cattle will be judged and several prizes offered. On the evening of April 18 the annual meeting of the Missouri Angus Breeders will be held at St. Charles Hotel, St. Joe, Mo. Arrange to attend. For catalog write

Hal. T. Hooker, Sales Manager, Maryville, Mo.

HOLSTEIN CATTLE

ANGUS CATTLE

Mott's Sale Calendar

Mar. 20—Holstein-Friesian Breeders' Association of Kansas, Topeka, Kan.

Mar. 26—Breeders' sale, Tulsa, Okla.

April 4—Canadian County Breeders, El Reno, Okla.

April 17—W. H. England, Ponca City, Okla.

Nov. 19—Kansas Association sale, Wichita, Kan.

If you want to buy write to Mott.

If you want to sell write to Mott.

Address **W. H. MOTT, Herington, Kan.**

BONACCORD HOLSTEINS

Have been selling well, but we still have a few cows and heifers to spare; also some choice baby bulls. A purebred, Federal accredited herd. A herd for the discriminating buyer.

LOUIS KOENIG, SOLOMON, KAN.

Holstein Bull For sale. A splendid individual just ready for service; has a 31 pound sire and a 21 pound dam, as a three-year-old. **H. N. HOLDEMAN, MEADE, KAN.**

BRAEBURN HOLSTEINS Bull calves for sale; also cows and heifers. **H. B. Cowles, 608 Kansas Ave., Topeka, Kan.**

REGISTERED HOLSTEIN BULLS For Sale—Cows and heifers. **B. L. Bean, Rt. 4, Atchison, Kansas**

ANGUS CATTLE—DUROC JERSEY HOGS

Geo. M. McAdam, R. R. No. 3, Holton, Kan.

RED POLLED CATTLE

Wanted, Registered Red Polled Cattle Bull and cows. **E. Disney, Sedan, Kansas.**

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

PLEASANT VIEW RED POLLS For sale. Registered cows, heifers and bulls. **Halloran & Gambrell, Ottawa, Kan.**

CHOICE RED POLLED BULLS Priced to sell. **W. E. Ross & Son, Smith Center, Kansas.**

BULLS, STALLIONS, JACKS, Red Polls, Percherons and Mammoth. Good stock; low prices. **George W. Schwab, Clay Center, Neb.**

POLLED HEREFORD CATTLE Polled Herefords For Sale. Bulls, heifers and cows. **Ed Leo, Centerville, Mo.**

POLLED HEREFORD BULLS & HEIFERS For sale. Choice breeding. Prices reasonable. **Ernest Lee, Centerville, Mo.**

more of these Davidson Durocs to your herd. Write for the catalog at once. Address Lock Davidson, Wichita, Kan. Please mention Kansas Farmer-Mail and Breeze.—Advertisement.

Maxwalton Mandolin Doing Good for Regier

Jno. Regier, Whitewater, Kan., has a great sire in his Shorthorn bull, Maxwalton Mandolin. This sire is at the head of one of the best cow herds in Kansas and the Shorthorns that go out from Alfalfa Leaf Farm make good. From this federal accredited herd Mr. Regier is now offering several good roan serviceable age bulls and some heifers ranging from calves to serviceable age. In the April 18 Shorthorn sale at Eldorado, Kan., Mr. Regier will sell some good bulls. Maxwalton Mandolin looks better than he ever did and his last calf crop is showing up good with a lot of rich roans including some bulls that look like they will make real sires. Just very recently Mr. Regier made sales as follows: heifer to E. W. Rupp, Moundridge, Kan.; heifer calf to F. H. Seyb, Pretty Prairie, Kan.; two heifers and a bull to J. J. Stranz, Moundridge, Kan.; heifer calf to Ed. R. Marple, Potwin, Kan. If you want something worth while in Shorthorns better write or call on Mr. Regier. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

Rule's Duroc Sale April 21

Homer T. Rule, Ottawa, Kan., will hold his annual spring sale April 21. Mr. Rule has made an extra effort to make this offering an exceptionally attractive one. It will consist of 2 big fall boars by Wonder King Col. 2d, dam by Stilts, 1 big yearling by Uneeda Orion Sensation, 2 outstanding fall boars by Giant Sensation, others by Pathmaster's Pride, Stilts, and Wonder Sensation. There are some extra good herd sire prospects in this offering. Seven bred sows will be sold. They are bred to Originator, Kansas Commander, Unique Pathmaster, Big Major Sensation, and Critic Uneeda Sensation. The 23 open gilts selling are sired by Originator, Pathmaster's Pride, Wonder Sensation, Wonder King Col. 2d and Critic Uneeda Sensation. The boars and gilts by Wonder King Col. 2d are out of a Stilts dam and are very likely the most intensely bred Col. litters selling anywhere in this country this spring. Be sure to write Homer T. Rule, Ottawa, Kan., for a catalog of sale. J. T. Hunter will represent Kansas Farmer and Mail and Breeze at the sale.—Advertisement.

BY O. W. DEVINE

Annual Angus Sale

The annual meeting of the Missouri Aberdeen Angus breeders will be held at the St. Charles Hotel, at St. Joe, Missouri, on the evening of April 18th, 1923. On the following day, April 19th, they will hold their annual sale at the Stock Yards Pavilion. The consignors are as follows: J. W. Barkley, Lucerne, Mo.; Pleas Coffman, Savannah, Mo.; W. A. Holt, Savannah, Mo.; F. A. Johnson, Savannah, Mo.; Robert Larmer, Maryville, Mo.; Grover C. Moritz, Triplett, Mo.; J. N. M. Youel, Tarkio, Mo. A splendid offering of bulls and females will be offered, representing The Black Caps, Blackbirds, K. Prides, Ericas, Queen Mothers and other leading strains. The forenoon, April 19th, the cattle will be judged and prizes offered. The sale will commence at 1 p. m. Catalogs are now ready to mail. Please write to Hal. T. Hooker, Maryville, Mo., and mention this paper.—Advertisement.

Jones Jersey Sale June 4th, 1923

J. E. Jones, the well known breeder and showman of Jersey cattle at Liberty, Mo., has announced June 4th for his annual sale of Jersey cattle. On this date he will offer 50 head of well bred cows and heifers, including several daughters of the champion show bull, Financial Countess Lad. Several cows will be bred to Financial Captain by Financial Countess Lad and out of the world record eleven-year-old cow, Gold Majoram, the world's record Jersey cow—1065 pounds butter and 15,530 pounds milk official test made at eleven years and two months old. Several cows will be bred to Financial Interest Lad by Financial Countess Lad and out of the great record cow Fern's Lady Houpla with a record of 725 pounds butter, having been on test continuously 1950 days; and the average per cent fat for 12 months was 6.8 for the year. The offering of Jersey cows Mr. Jones will sell is a highclass lot and will be as good a lot of well bred Jerseys as will go through any sale this spring sale season. Liberty can be easily reached by the electric line from Kansas City. The sale will be held on the farm, Monday, June 4th. The catalogs are now in print. You will want a copy. Please write early for catalog and mention this paper.—Advertisement.

BY C. L. CARTER

Joe Erwin's Sale

There's a lot of difference between high class Durocs and those that are usually sold. As a rule the beginner starts wrong and has to do the work all over when he learns that he is not producing the right class of stock. Those who buy at the Joe Erwin sale will be years ahead of most of his neighbors. Few herds have such sows as are seen on this farm. They are truly Big Type; great big stylish matrons every one of them, with splendid udders and have been retained only because they produce classy stock and have the motherly instinct developed to an unusual degree. It takes sows like these to mate with such boars as are in this herd. Joe Erwin is a constructive breeder. When you get to this farm April 17 and see the uniform lot of pigs, the size and early development you will want some of these Erwin Durocs. He is conveniently located, being near the Missouri and Kansas line, between the Mo. Pac. and the K. C. Southern Rys. Look at his ad in this issue. He will be pleased to have you write for a catalog.—Advertisement.

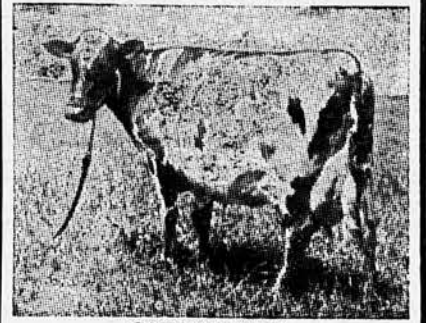
BY JESSE R. JOHNSON

Bonny Glen Milking Shorthorns

Johnson & Dimond, Fairbury, Neb., breeders of dual purpose Shorthorns, write as follows: We now offer for sale our first bull calf sired by our herd bull Pine Valley Viscount. He is out of the young Phyllis cow Shenstone's Bride and a very choice individual, splendid conformation, solid red and it is our policy to sell all bulls while they are young, save on express and always have a gentle bull. This calf is 4 months old and will be shipped to the first reader of the paper who sends check for \$80. He is worth twice the money asked. The dam of his sire has an official record of 14,734 pounds of milk in one year.—Advertisement.

AYRSHIRE CATTLE

Kansas Ayrshires Profit-Makers



CANARY BELL

This great Ayrshire owned by the Kansas Agricultural College made 87,495 lbs. milk, 3284.47 lbs. fat in six years.

Ayrshires Will Make Money on Your Farm. Write Us for the Names of Breeders Near You From Whom You Can Secure Foundation Stock.

AYRSHIRE BREEDERS' ASSOCIATION, 10 Center Street, Brandon, Vermont.

Ayrshires

Increase butter-fat and improve conformation of your herd by use of straightback, level lined bull calves from high producing advanced registry dams and sires. Sales list on request.

DAVID C. PAGE, TOPEKA, KANSAS

ROBT. CAMPBELL'S AYRSHIRES

Breeders interested in buying young Ayrshire bulls are invited to ask for particulars. We have Jean Armour and Howie's Dairy King, etc. breeding. Address **ROBT. P. CAMPBELL, ATTICA, KANSAS**

CUMMINS AYRSHIRES

Cows, heifers, bull and heifer calves. Tuberculin tested. Good quality. Priced to sell. **R. W. CUMMINS, PRESCOTT, KAN.**

JERSEY CATTLE

High Class Registered Jersey Cows

Exceptional values, young cows 2 to 8 yrs. Some have large register of merit records. Others on test now. Many state fair winners. Also some good young bulls 3 to 18 mos. old. Inspection invited. **R. A. GILLILAND, DENISON, KANSAS**

15 Reg. Jersey Cows and Heifers

Financial King breeding. Good milkers, Testers and R. of M. cows. Also a few good bulls. Accredited herd. State fair winners. Priced right. **OMER A. WEIR, Rt. 6, HIAWATHA, KAN.**

REGISTERED JERSEY MALES

All ages; baby heifer calves. Reasonable prices. From R. of M. dams. Five generation tabulated pedigrees in purple and red showing R. of M. records, number of R. of M. sons and daughters, \$1.00. **Prairie View Jersey Ranch, Coats, Kansas.**

DO YOU WANT JERSEYS?

If so, write us. We have them in all ages, either sex, one or a carload. Kindly state the number and ages you want to buy when writing. No commission charge to buyer.

KANSAS JERSEY CATTLE CLUB

R. A. Gilliland, Secretary, Denison, Kansas.

Bulls, All Ages Last chance to get royally champion Jacoba Irene blood at give away prices. **F. Scherman, Rt. 7, Topeka, Kansas.**

JERSEY HEIFERS by grandson of Financial King, whose dam was half sister to Financial Countess Lad. **J. G. Condon, Hiawatha, Kansas.**

SHORTHORN CATTLE

Tomson Shorthorns

Herd Sires:

Marshal's Crown **Augusta's Crown**
Marauder **Scottish Sultan**

We offer 10 Scotch Heifers, coming yearlings; 15 young cows, bred or with calves at foot; 10 choice roan herd bulls sired by Village Marshal or Marshal's Crown.

Tomson Brothers
WAKARUSA or DOVER, KANSAS

Park Place Shorthorns

Bapton Corporal bulls and heifers. Bred heifers and cows with heifer calves at side. Farmer Cows at Farmer Prices.

Annual Sale, May 16
PARK SALTER, WICHITA, KANSAS

Scotch Shorthorn Bulls

One roan, 2 yrs. old; one white, year old. Both sired by Silver Dale by Master of the Dales. Priced to sell. **JOHN TURNER, ANTHONY, KAN.**

MILKING SHORTHORNS

Milking Shorthorn Bull Calf

Four months old, solid red in color, out of the Young Phyllis cow, Shenstone's Bride, and sired by Pine Valley Viscount, whose dam has an official record of 14,734 lbs. milk one year. A choice individual. First check for \$80 gets him. **JOHNSON & DIMOND, Fairbury, Neb.**

R. F. D. 4

The Shorthorn Breeders of Kansas

15 Splendid Young Bulls

Handled under ordinary farm conditions that insure their future usefulness. The home of Fair Acres Sultan. Marquis, a worthy son, is also in service. L. M. Noffsinger, Osborne, Kan.

Rothnick Sultan 915724

Is coming four years old. His heifers are old enough to breed and we can't keep him longer. Very likely the best herd bull offered for sale in Kansas right now. W. M. WALES & YOUNG, OSBORNE, KAN.

Huber & Fleming, Meriden, Kansas

SUCCESSOR TO H. E. HUBER
Young bulls by our herd bull, Imp. Imperator by King of Diamonds, dam Village Queen.

Cedar Heights Stock Farm

Four choice Scotch bulls. Reds, white and roan. A limited number of richly bred females (Rural Dial 29) 299-N1.
HARRY T. FORBES, Rt. 8, TOPEKA, KAN.

H. H. HOLMES, TOPEKA, KANSAS

Breeder of Better Class Shorthorns—The herd that produced Lady Supreme, 23 times champion; the \$2000 Sweet Blossom and Honor Maid 4th, a junior champion in 1922. Inspection invited. Choice cattle for sale.

1886 Tomson Bros. 1922

A remarkable collection of breeding cows of improved blood lines noted for their uniform thick fleshing qualities. Some very choice young bulls.
Tomson Bros., Wakarusa, Kan., or Dover, Kan.

Sunflower Shorthorns

Herd headed by Golden Laddie, son of Maxwilton Rosedale. 10 bulls from six to 10 months old for sale. Pure Scotch and Scotch topped. Write for prices.
J. A. PRINGLE, ESKRIDGE, KANSAS

FEMALES OF SCOTCH BREEDING

in ages from six months old heifers to cows with heifer calf at foot. We invite you to visit our herd.
S. B. AMCOATS, CLAY CENTER, KANSAS

ELMHURST SHORTHORNS

The kind that pay the rent. Something always for sale.
W. J. SAYER, MANHATTAN, KANSAS

W. J. & O. B. Burd's

Herd headed by Imp. Lawton Tommy and located four miles west of Manhattan, Kan., on Golden Belt highway. We are under Federal supervision. Young stock for sale. Visitors welcome.

PUBLIC SALE APRIL 25

40 head, 30 females, cows and heifers and 7 young bulls and 14 purebred steers. Write for catalog.
Theo. Olson & Sons, Leonardville, Kansas.

Bluemont Farms, Manhattan, Kan.

offer a big, rugged, heavy boned, roan bull calved May 21, 1921, sired by Maxwilton Pandango, out of imported Beaufort Rosaline.

HENRY B. BAYER, MANHATTAN, KAN.

Stonehaven Farm is three miles S. W. of town on main highway and interurban line. We can supply choice Scotch and Scotch topped bulls, cows and heifers.

Rose Hill Shorthorns

Pure Scotch and Scotch topped (accredited herd). Choice young bulls, 20 females. Herd headed by \$1000 International bull, Linwood Topman, double grandson of Avondale. W. H. Molyneux, Palmer, Kansas.

Scotch and Scotch Topped Shorthorns

But 80 per cent of the herd is of pure Scotch breeding. One of the strong herds of the state. Visitors welcome at all times.
E. W. DOLE, ALMENA, KANSAS

DECATUR CO. BREEDERS' ASS'N

Harry M. Roberts, Selden, Kan.

Quality Shorthorns. A 12-month-old Marr Clara bull calf, also a Marr Goldie January calf. Also a few very choice Poland China spring boars. Write today and address as above.

Warner J. Marvin's Shorthorns

Scotch and Scotch top cows and heifers. Good Scotch bulls for sale at all times.
WARNER J. MARVIN, Abilene, Kansas.

MORTON'S PUREBRED STOCK FARM

OBERLIN, KANSAS
A few good, low down, beefy bull calves for sale sired by a great grandson of Avondale. Reasonable prices. Chester White boars on approval. Address as above.

HERD BULL FOR SALE

Victorious Baron 2d, Cruickshank Victoria breeding, coming 6 years old. Good individual. Guaranteed breeder. Weight 2800 lbs. Color roan. Priced to sell. VAVROCH BROS., Oberlin, Kan.

MILLER BROS., DANBURY, NEB.

Village Knight 2d by Imported Lovely Knight, a pure white bull, heads our herd.

SHORTGRASS BREEDERS' ASS'N

A. SLAVEN & SONS, SELDEN, KAN.

Choice Sultan at head of herd. 50 head in herd. 10 choice young bulls for sale.

A. B. Shoemaker & Sons, Lucerne, Ks.

Herd headed by grandson of Cumberland's Types. Also registered Durocs and Chester White hogs.

FOR SALE—COWS AND HEIFERS

Also some young bulls, reds and roans.
A. C. SMITH, JENNINGS, KANSAS.

RIVERVIEW FARM Shorthorn Cattle

Headed by Baron Tommy and Sultan bred cows. Duroc hogs headed by Sensation Chief and Red Raven Jr. T. F. Stout & Sons, Studley, Kansas.

SILVER SPRINGS STOCK FARM

Polled Shorthorns, headed by Sultan's Heir, a grandson of Roselawn Marshal and Double Sultan. Nothing for sale. J. A. Miller, Quinter, Ks.

LANCER, MY NEW HERD BULL, 2 yrs.

Dark roan, 1900 pounds and good. Large, dark R. C. R. I. Red cockerels, \$2. Laying strains. Elmer S. Graham, Quinter, Kan.

A SON OF VILLAGE MARSHAL

heads our federal accredited herd of pure Scotch Shorthorns. Farm located near Muscotah where visitors are always welcome.
ROBT. RUSSELL, MUSCOTAH, KAN.

BIG FIELD FARM SHORTHORNS

An exclusive pure Scotch herd headed by the great show and breeding bull, Rosewood Pride. Herd government tested. Write your wants. Poland China bred sow sale February 3, 1923.
T. J. Dawe & Son, Troy, Kansas.

INTRODUCING AN ALL SCOTCH HERD

headed by Lavender's Diamond by Diamond Emblem. Two very choice young bulls for sale ready for service. For descriptions and prices address, E. A. Myers, Troy, Kansas.

Scholz Bros., Huron, Kan.

Springdale Stock Farm herd headed by Imp. Rosewood Stamp. Bulls of serviceable ages by him and cows bred to him for sale.

HOSFORD & ARNOLD

Scotch and Scotch topped Shorthorns. Good individuals. Popular prices. Bluemont Courtier by Jealous Dale, head of herd.
LAWRENCE, KANSAS

WILDWOOD STOCK FARM

50 females. Herd headed by Armouredale and Fair Baron. Always something for sale.
ASHER & ALLISON, LAWRENCE, KAN.

Ten Choice Yearling Bulls

Reds, Roans and White. Mostly pure Scotch. 20 very choice females, including cows with calves at foot and nice young heifers.
E. A. CORY & SONS, TALMO, KANSAS

Young Bulls and Heifers

by Lord Albion. My farm joins town on the east and we want to show you our Shorthorns when you are in our vicinity. Address, E. A. Campbell, Wayne, Kansas.

QUALITY RATHER THAN NUMBERS

Always something to sell. We like to show our Shorthorns to interested parties and will be glad to hear from anyone needing stock. Address, R. B. Donham, Talmo, Kansas.

Meall Bros., Cawker City, Ks.

New Buttergask Shorthorns. Headed by Lavender's Marshall 856495. Males and females for sale.

A. A. Tennyson, Lamar, Kan.

I have for sale six bulls, breeding ages, by my herd bull, Clara's Type. Also cows and heifers to reduce my herd. 100 head in herd.

SHORTHORNS—ONE OR A CARLOAD

Young cows, 2-year-olds, heifers bred or unbred. Some with calves or to calve spring or summer. Some real milk cows. Strong in blood of Realm's Count 2nd. Scotch, Scotch topped, plain bred. Fed. accredited. DR. W. C. HARKEY, LENEXA, KANSAS

Bluemont Auditor, Jr. Champion STOCK SHOW

Two bull calves for sale sired by Secret Lad. Dams by Missie's Last and Watonga Searchlight.
G. D. HAMMOND, ST. JOHN, KANSAS.

J.P. Ray & Sons' Herds in Kan. and Okla.

Headed by Cumberland Hero by Cumberland Diamond and Missie's Sultan 2nd by Missie's Sultan. Sale Feb. 20. Write Guy Delay, Mgr., Hooker, Okla., or J. P. Ray & Sons, Law, Kansas.

A Large Well Bred Western Kansas Herd

Dams mostly by Avondale Villager by Augustine and Whitehall Gloster by Fond Memory. Junior sires are Emblem Marshall by British Emblem and Medley by Maxwilton Wanderer. Offering cows, heifers, bulls and young stock. Robert J. Aekley, Holcomb, Kan., Meteor Rt.

The Oldest Shorthorn Firm in Linn Co.

Dams mostly by Searchlight, Orange Lad, Orange Major and King's Choice. Herd sire, Vinewood Baron. Offering a number of nice bred heifers, yearlings, and calves. Priced to sell. Write A. M. Markley, Mound City, Kan.

Cumberland Diamond—Villager's Champion

These sires head the herd. Dams from popularly bred Scotch families as well as some from milking strains. Heifers, bulls, cows and young stock for sale.
E. L. STUNKEL, PECK, KANSAS

Good Reliable Breeding Shorthorns

Imp. Kingstry Ensign at head of herd. Dams by Lavender Stamp out of popularly bred Scotch dams. A Lavender Stamp yearling bull and some Scotch topped females for sale. F. X. KELLY, GARDNER, KAN.

THE FOUNDATION KIND

Senior sire, Rosedale Secret by a son of Whitehall Sultan. Junior sire, Roan Acres Sultan by 2nd Fair-acres Sultan. Dams, Dainty Dams, Wimple, Nonpareil, etc. Scotch and Scotch topped females and youngsters for sale. F. W. Wilson & Son, Wellsville, Kan.

A Herd of All Scotch

High class breeding cows headed by Brave Marshall, an outstanding son of Village Marshall. G. F. KELLERMAN, Vinewood Stock Farm, Mound City, Kan.

Dual Shorthorns

"Record of Merit" cows \$450. Untested cows, heifers and serviceable bulls \$100 to \$150. Herd headed by White Goods, the greatest sire of R. M. daughters. Federal accredited. J. W. HYDE, ALTOONA, KAN.

THE SHORTHORN HERDS

advertised in this section are among the leading herds in the state. Inspection of these herds is invited at all times.

Sires That Have Influenced Kansas Herds—21



VISCOUNT OF ANOKA

VISCOUNT OF ANOKA AND LORD LOVEL

Viscount of Anoka, 125081, was a promising bull at an early age, winning second as a calf at the Minnesota State Fair. This was the first show made by the writer at a state fair, other than our home state of Wisconsin. H. F. Brown of Minneapolis evidently liked the calf, for a few months later he came to Waukesha particularly to inspect this animal again, and offered us \$500, which we looked upon as a liberal offer for the time and accepted.

While owned by H. F. Brown, Viscount of Anoka was shown at the Exposition at Omaha and particularly attracted the attention of T. J. Wornall of Liberty, Missouri, who was planning then to put out a show herd the following season. Mr. Wornall concluded the purchase of Viscount of Anoka at the reported price of \$2000.00. His prize winnings were equaled by no other Shorthorn bull of the time, Mr. Wornall successfully showing both the bull and the bull's get for several years, keeping him through his best years of usefulness.

The dam of Viscount of Anoka was one of our best cows in those days, an all round good one and of good beef type and better than an average milker. On two or three occasions I saw at Mr. Wornall's farm a number of the get of Viscount of Anoka. They were uniformly good and had the principal characteristics in all of them, of deep, thick bodies, strong substance and indication of profitable feeding types. They were particularly thick fleshed. In these different qualities the get were like the sire.—F. W. Harding.

To give a list of Missouri Shorthorn herd bulls in accordance with their merit as sires would be difficult if not impossible. But any list of such sires that did not include Lord Lovel 130157 would be incomplete.

Lord Lovel was bred by J. G. Robins & Sons, Horace, Ind., and sold when young to Purdy Bros., Harris, Mo., and in their herd he proved an excellent sire. For such a result there was reasonable expectation when it was known that for sire he had the famous St. Valentine 121014 and for grand sire the more renowned Imp. Gay Monarch 92411 and for dam, a cow that was only two generations away from Amos Cruickshank's own herd.

Lord Lovel was not a great show bull but was certainly a great sire and his get made the Purdy entries quite formidable at the early American Royal and other shows. He had a good form with extreme spread of rib, square ends, thick flesh and a heavy coat of red hair that was thick and long, and to a considerable degree was responsible for the thick hair that characterized the Purdy entries—hair so thick as to make "the Purdy hair" a proverb at the ring side in those years. This was especially important then, as heavy coats in most herds still were rare.

The value of Lord Lovel as a breeder is attested by the selection of his son, Orange Monarch 190181, to be his successor in the herd. The line breeding experiment was fully justified, as the son proved a worthy successor and transmitted the merit of the father to other generations. It was my privilege to visit the Purdy herd several times during the reigns of Lord Lovel and Orange Monarch and it was a distinct pleasure to note the improvement in their Shorthorns. Their foundation stock came principally from the good herd of D. H. Southworth and was from good ancestry, but it was not until after the purchase of Lord Lovel that their young stock was so successful at the fairs. They showed only calves and yearlings and their entries were frequent winners at the American Royal and the International. In most cases these were the produce of Lord Lovel or his son, Orange Monarch.—B. O. Cowan.

Choice Heifers

Open or bred. Herd sires: (Imp.) FANCY COMET and CHALLENGER'S KNIGHT K. Bulls of serviceable age all sold. Write us about these heifers. H. I. Gaddis, McCune, Ka.

Fair Acres Junior Heads My Herd

Serviceable age bulls all sold. Have heifers for sale and priced to sell. Come and see them, or write
THEO. JAGELS, HEPLER, KAN.

1894—Nevius Farms Shorthorns—1922

Females of best Scotch families. Young herd bulls by Golden Search by Searchlight, and Brave Sultan. Priced right.
C. S. NEVIUS & SONS, CHILES, KANSAS

CHOICE SONS OF VILLAGER MAGNET

A Scotch yearling, Cruickshank Columbia foundation, out of real milking granddaughter of Captain Archer; 2-year-old Scotch out of Lavender dam by Wooddale Stamp. Other Scotch and Scotch topped bulls. Priced reasonably.
Fred Abildgaard, Winfield, Kansas.

HEIFERS AND BULLS

By Imp. Bapton Dramatist, out of Scotch dams, a number of which are imported. Write or visit our herd.
D. WOHLSCHEGEL & SONS, Harper, Kan.

RUGGED FARM BULLS

At farmer prices. FAVORITE by Cumberland Type heads the herd and giving fine results. Accredited herd. Write us.
FRED MANINGER, HARPER, KAN.

WHITE'S WELL BRED SCOTCH BULLS

Dark Roan Sept. 2-year-old; light roan May yrng; Nov. yrng; Jan. yrng; Feb. yrng. Priced reasonably. Federal accredited herd. 60 day retest if desired. You'll like these bulls.
C. H. White, Burlington, Kansas.

Emblem Jr., Noted Son

of imp. British Emblem heads my Shorthorns. His choice sons and daughters now for sale.
E. S. DALE, PROTECTION, KANSAS

ALFALFA LEAF FARM SHORTHORNS

Several good roan serviceable age bulls and heifers, calves to serviceable age. By Maxwilton Mandolin. Selling several good bulls in Butler Co. Shorthorn sale, Eldorado, Kan., April 18. Jno. Regier, Whitewater, Ka.

Homer Creek Shorthorns

A valuable lot of breeding dams. Have some bull calves and cows with calves at side for sale. A well bred herd.
CLAUD LOVETT, NEAL, KAN.

1910—EUREKA SHORTHORNS—1923

VILLAGE MASTER by Silver Knight and VILLAGE PARK BARON by Imp. Gainford. Both bred in service. Both bred by J. F. Frasier, Williamsville, Ill. Write your wants or call and see the herd.
Harrison Brookover, Eureka, Kansas.

For Sale 3 Roan Y'rling Bulls

One by Marauder out of dam by Matchless Dale. 2 Scotch yearlings by Cumberland Cup.
IVY ALLEN, BURLINGTON, KANSAS

Collynie Bred Shorthorns

Offering Kansas Prince for sale. Have used him for almost 7 years. He has proved a great sire. Also a 2-year-old Scotch bull that is a real bull.
O. O. MASSA & SONS, Coffeyville, Kansas.

KNOXKNOLL STOCK FARM

SCOTCH CUMBERLAND 489200, grand champion 6 strong 1922 county shows, heads my federal accredited herd of 50 females. Junior sire, RADIIUM STAMP 1024606. S. M. Knox, Humboldt, Allen Co., Kansas.

125 FEMALES OF BREEDING AGE

All bred last spring to Villager bulls. A tuberculin tested herd of Orangeblossoms, Victorias, etc. Scotch and Scotch topped. Nothing for sale now.
WALTER WELCH, MACKSVILLE, KANSAS

MORE IMPORTED COWS

than in any other herd west of the Mississippi. Imp. LOCHDHU WARRIOR at head of herd. Young stock both sexes for sale at reasonable prices. 100 head in herd.
J. C. ROBISON, TOWANDA, KANSAS

LOOKY ACRES SULTAN

By Fairacres Sultan, heads my herd. Most of the dams are on Victoria foundation. Young stock by Looky Acres Sultan and Village Viscount, by Gregg's Villager. Write us. Fremont Lodge, Leon, Kansas.

British Villager Getting Good Calves

British Villager by British Emblem out of a Mysle dam, is siring good calves out of Orange Blossom, Acornite, Proud Queen, etc. dams. He is a real sire. Nothing for sale just now. Asendorf Bros., Garden Plain, Kan.

YOUNG BULLS FOR LIGHT SERVICE

And about 25 bull calves. Also some desirable young females. Real calf club material. Come to Abilene. Address
C. W. TAYLOR, ABILENE, KAN.

R. M. Anderson, Beloit, Kan.

Milking Shorthorns, headed by Glenrose Lad 506412, the best Dairy Shorthorn bull in the west. Must sell him. Write for price.

Cloverleaf Herd of Shorthorns

A herd of pure Scotch Shorthorns headed by Baron Dale by Diamond Dale. Scotch cows and heifers for sale. Farm four miles west of Summerfield on the Nebraska-Kansas line. Write for prices and descriptions.
G. F. HART, SUMMERFIELD, KANSAS.

POLLED SHORTHORNS

Grassland Polled Shorthorns

Young bulls for sale of a very high quality. Also females, either cows or heifers. Inspection is invited. Address.
ACHENBACH BROS., Washington, Kan.

Banburys' Reg. Polled Shorthorns

Some of the best blood of the breed. 10 bulls for sale \$75 to \$500. Public Sale and Calf Show April 20, 1923. Calf Show 10 A. M.
J. C. BANBURY & SONS, PRATT, KAN.

HOWARD'S POLLED SHORTHORNS

Scotch yearlings and coming yearling bulls by But-tanwood Marshall and Forest Sultan. Also Scotch topped bulls and females. From a large herd.
C. M. HOWARD, HAMMOND, KAN.

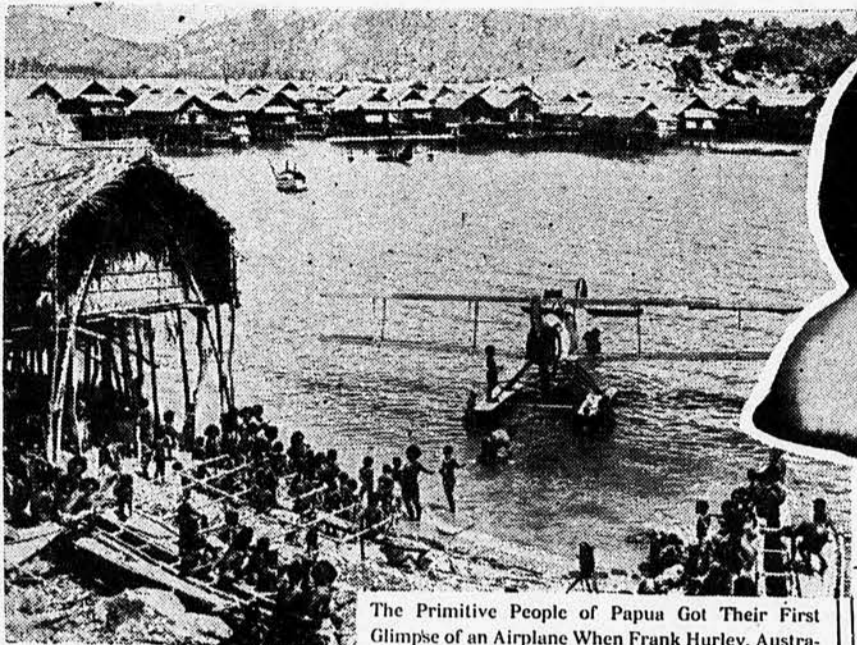
SUNNY SLOPE STOCK FARM

Young stock for sale, either sex, sired by Cumberland Sultan. Good individuals and priced right. Inspection invited.
T. M. WILLSON, LEBANON, KANSAS

D.S. SHEARD, ESBON, KAN.

Cows and heifers of the best Polled blood lines. Sultans, Select Goods and Barons. Your inspection invited.

News of the World in Picture



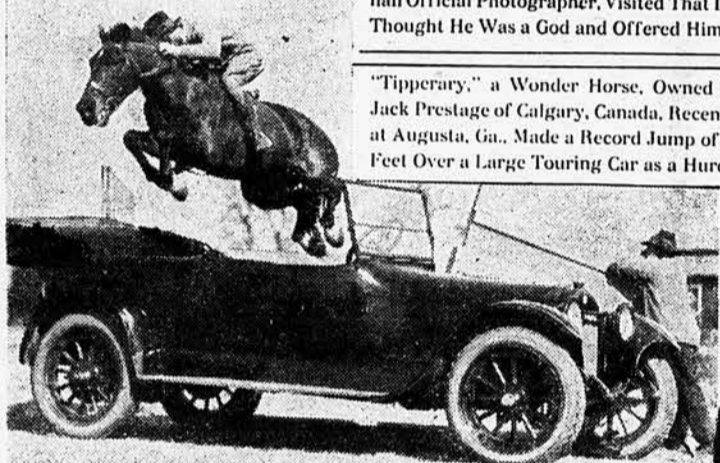
The Primitive People of Papua Got Their First Glimpse of an Airplane When Frank Hurley, Australian Official Photographer, Visited That Island; They Thought He Was a God and Offered Him a Sacrifice



Countess of Carnarvon Now at the Bedside of Her Husband, Earl Carnarvon Who is Dangerously Ill of Blood Poisoning Started by the Bite of an Insect in an Old Egyptian Tomb



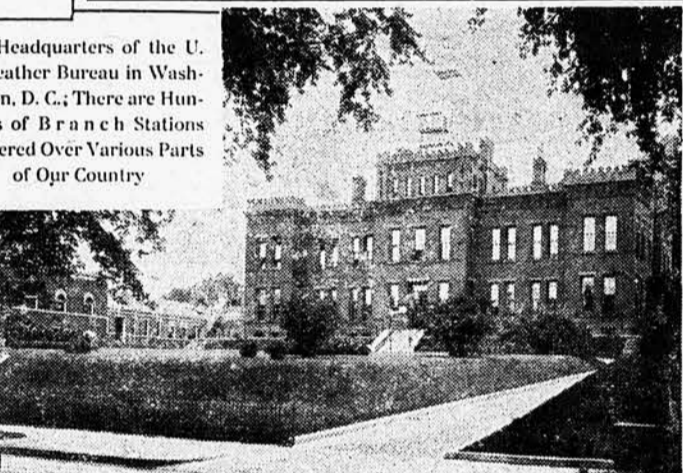
One of the Many Rocks Along the Nile Inscribed With the History of Ancient Egypt; These Records of Stone are 3,500 Years Old



"Tipperary," a Wonder Horse, Owned by Jack Prestage of Calgary, Canada, Recently at Augusta, Ga., Made a Record Jump of 22 Feet Over a Large Touring Car as a Hurdle



The Headquarters of the U. S. Weather Bureau in Washington, D. C.; There are Hundreds of Branch Stations Scattered Over Various Parts of Our Country



At the Left is George Christensen, a New York Pullman Car Inspector, Who by Using Both Hands and Both Feet Can Write Four Sentences at Once; He is 47 Years Old



Captain Herbert Hartley, Named as Commander of the S. S. Leviathan, Largest American Merchant Vessel, and Second Largest Liner in the World; It Will Go Into Commission Next Summer or Early Fall



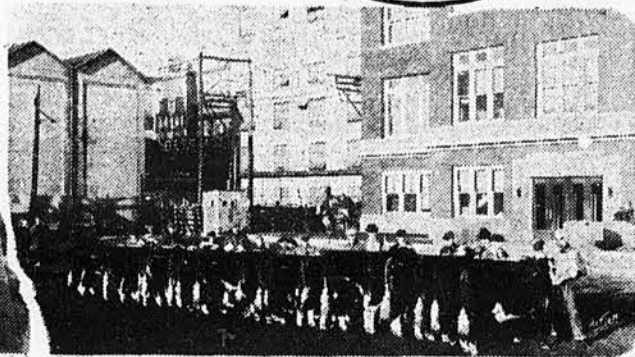
William Z. Foster at the Right and His Attorney, Frank Walsh; Foster is on Trial at St. Joseph, Mich., on Charges of Criminal Syndicalism; "K. D. 97," Famous Government Agent Will be the Chief Witness in the Case



John D. Rockefeller, Sr., is Shown Here Listening to a Serenade on the Ukulele at Ormond, Fla., Given by Miss Nita Harper



President Harding "Talks Dog" at Palm Beach With the Youngest McLean on the Porch of Edward B. McLean's Florida Cottage; the Good Points of the Family Terrier Started the Discussion



Calf Club Boys and Herefords at the Junior Livestock Show in St. Paul; Grand Champion of Class Was Shown by Joseph Isaksen



Princess Mary of England is Shown Here With Her Husband, Viscount Lascelles, and Their Little Son, Who Will Be Christened George Henry Hubert